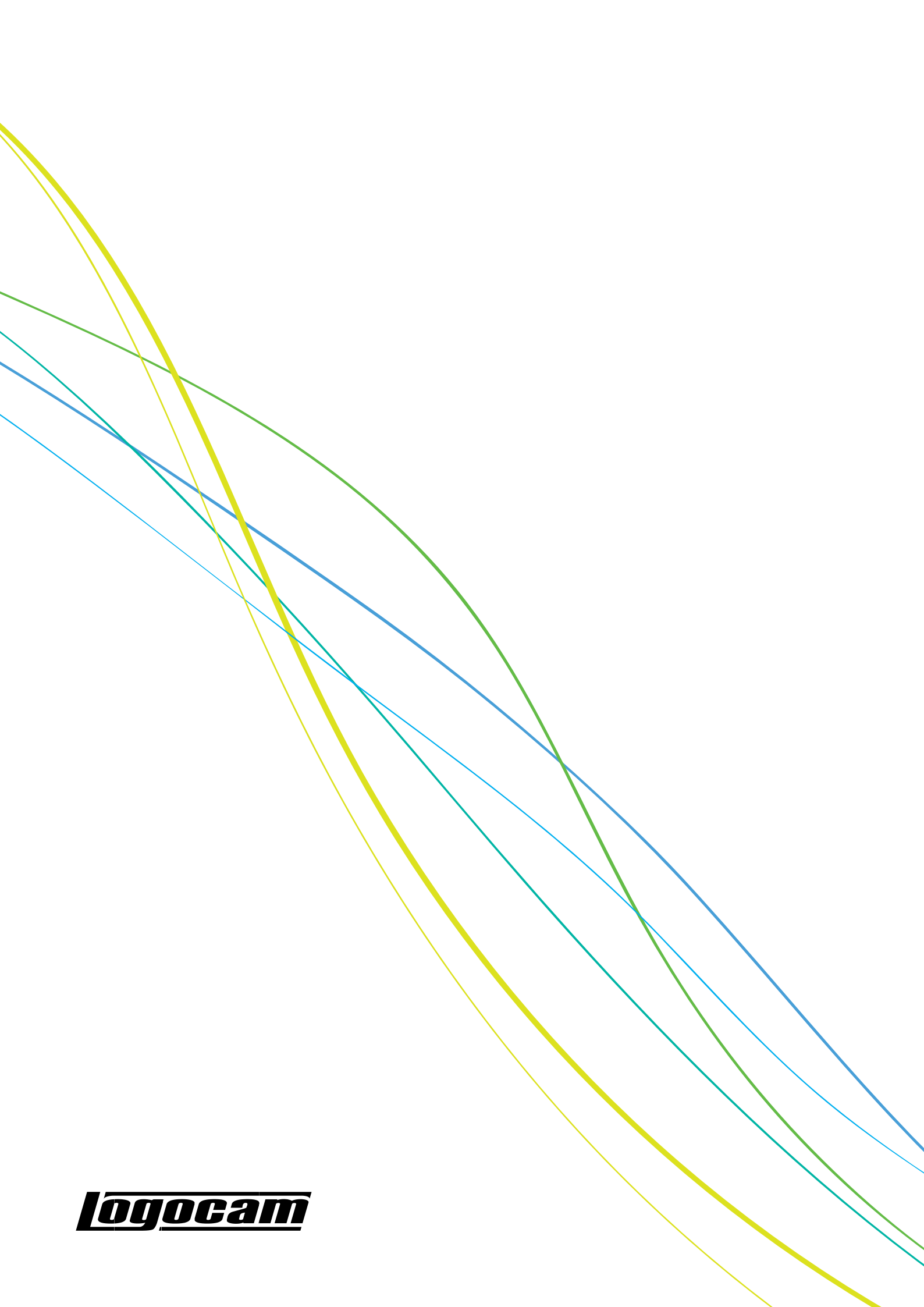


Catalogue 2009

professional light & power

logocam



Logocam

About Logocam

Logocam is a manufacturer of broadcast equipment. One of the main directions of the company is manufacturing lighting equipment for indoor and outdoor movie shoots. The lighting equipment line contains Halogen, Fluorescent and HMI lights, the use of which will help solving practically any lighting task which you might face in video, TV or movie shootings.

Logocam offers three lines of fluorescent fixtures: S-Light, U-Light and CineLight. The Studio series S-Light is intended for application in TV studios while the compact U-Light fixtures are more focused on outdoor shootings, ENG production and location shooting. The CineLight lighting equipment provides compact and light fixtures intended first and foremost to be used in digital cinema.

The halogen light in the Logocam line is represented by the compact halogen lamps OF-1000, D-Spot 1000 / 2000, luminaries with asymmetrical lamps BL-1000 and SL-5000 / SL-5000P and Fresnel series spotlights. The company line also includes ARC HMI lights spotlights with a Fresnel lens supplied with electronic ballasts and a simple and convenient interface. They are intended mainly for the organization of a body movie process when shooting outside.

The company also has a wide selection of various accessories which includes: Honeycomb Grids, Soft Boxes, Reflectors, Lighting Stands, different lighting fixtures (clamps, pantographs, extensible fixtures, etc.).

The company developed ready-to-use complete sets of studio lighting, based on the Logocam lamps, and ENG kits for outside shootings. The above sets include a balanced selection of flood light and back light units. Some of the advanced complete sets for studio work include a professional central control system of light brightness based on the Logocam 12-channel panel. The entire spectrum of the equipment let out by the company is dependable high-quality product. The presence of the certificates of conformity, plus the three-year warranty given on all of the studio lighting equipment is a testimony to its quality.

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- XFXM2.0
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- Logocam LE1-S (X/A) / LE1-D (X/A)
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Power Supply Kits for ON-Camera Light

- LK-HG
- LK-TS
- SHA
- LM-103
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- MA3
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- 066S
- MA2
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Portable light

- Logocam LK1-S(X) / LK1-D(X)
- Logocam LK1-D (LED)
- Logocam LK2-S(X)
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Fluorescent Light

At least three opinions exist to what “cold light” actually means. The first being that the term needs to be taken literally, and it describes light sources with a cold surface. It is then compared to the temperature of halogen spotlights and fixtures and it is considered to have a cold surface, where temperature does not exceed 50°C.

The second definition focuses on color temperature. Frequently, a clear understanding of the meaning of this concept is not even present. The best explanation sounds somewhat like this: “a colour temperature of light is the temperature of an absolutely black body at which the spectral structure of emission is close to the spectrum of the light being studied”. It is an original hybrid of the concepts: distribution temperature, correlated colour temperature and actual colour temperature. However, more often than not, such an understanding doesn’t even exist; instead, it is reduced down to the thesis: light on 5400K is bluer and the light on 3200K is more yellow. Within the limits of these concepts, a cold light is (paradoxically) a light sources with a higher «colour temperature», perhaps, because blue tones in art are considered as «cold».

The third approach is based on an estimation of lighting efficacy of various light sources. The relation of a light stream to the capacity of the lamp, measured in Lm/W is called lighting efficacy. The more lighting efficacy, the more energy is delivered to a lamp is radiated in the form of light; the smaller is the part of energy passes in heat. Often at estimations, Halogen Equivalent is used. Often the term “halogen equivalent” is used to evaluate the lighting efficacy of a lighting fixture. A halogen light of the same strength will create the set illumination. The above term is not supported by science; however, it is visual and allows experienced users to evaluate the efficiency of different lamps.

Presently in the market of tele-radio broadcasting, the term “cold light” is saved for fluorescent fixtures because they, to some extent, satisfy all the three approaches listed above. Temperature of the surface of a fluorescent lamp is close to 60°C, whereas halogen is 500-600°C, there are lamps allowing to receive light with colour temperature 5400K. The lighting efficacy of the best fluorescent lamps used in broadcasting reaches 85 Lm/W while at halogen lamps have a lightening ability of 25 lm/W, at best.

Logocam offers three lines of fluorescent fixtures: S-Light, U-Light and CineLight. The Economic Series S-Light is intended for application in television studios while fixtures of the U-Light and CineLight series are focused on outside shootings, for example, at cinema. Therefore these devices were made more compact, light and with higher lighting efficacy.

Logocam has an “all inclusive” policy that is why every standard S-Light и U-Light set includes lamps, spigots and yoke and reflecting barn doors. There is no need to waste any more time, energy and money – you can start work right away.

Giving you all of the benefits of luminicent light: four times as much luminous efficacy, much less heat and premises heating and the chance of receiving burns from the hot parts. 100% even, soft light without flickering is ideal for any studio. The product is available in 4 versions: without a control panel, with an analog control panel 0...+10, with a DMX control panel, with a wireless control panel through the ceiling DMX (W-DMX). S-Light luminaries controlled via DMX or wireless DMX protocols fully compatible with existing suspension systems and control panels.



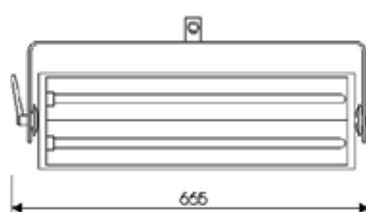
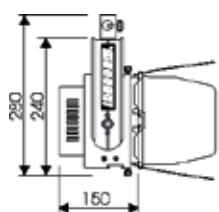
S-Light
U-Light
Cinelight



S-Light Series

S-Light series luminaries give you all the benefits of fluorescent lighting: increased up to 4 times light output, significantly less heating. The usage of which exclude the possibility of burning yourself when touching a hot surface. These luminaries provide 100% even, soft, flicker-free light that is perfect for any studio. S-Light comes in four different flavors: without control, with analog control 0...+10V, with DMX control and with wireless DMX (W-DMX) control. S-Light luminaries are fully compatible with all existing types of support fixtures and lighting control systems.

S-Light 110 (DIM, DMX, W-DMX)



Ideal for use as a main flood light and back light. It is irreplaceable in small lighting studios. In bigger scale projects it is recommended for installation as an addition to the big fixtures for the purpose of detail study.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5400 K;
- flicker free lighting;
- control protocols: 0...+10 V, DMX-512;
- even, soft and diffused light;
- 100% control of flashing exposure and 30% increase of luminosity thanks to four-leaved barn doors.

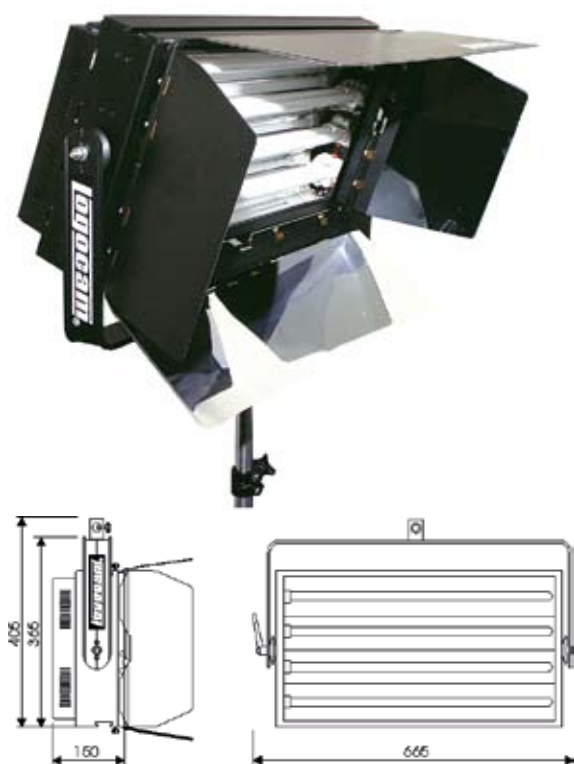
Default package includes:

Luminaire; 4 barn doors; 2 Osram, GE or Philips (3200 k) lamps; yoke; 16 mm female spigot; 1,5 m power supply cable; euro plug.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			2 m	3 m	4 m	5 m
Osram DL 55/930	3200 K	6300 lm	550 lux	260 lux	140 lux	110 lux
Osram DL 55/950	5400 K	6300 lm	580 lux	270 lux	145 lux	115 lux

Specifications	S-Light 110	S-Light 110DIM	S-Light 110DMX	S-Light 110W-DMX
Weight	5,7 kg	5,7 kg	5,8 kg	6,15 kg
Dimensions	665x240x150mm	665x240x150mm	665x240x150mm	665x240x180mm
Number of barndoors	4			
Number of lamps	2			
Power consumption	130 W	130 W	135 W	140 W
Useful current	0,55 A			
Supply voltage	198...254 V / 50...60 Hz			
Work frequency	30...60 kHz			
Mounting adapter	16 mm female			
Operating temperature range	0...+50°C			
Humidity range	not more than 95%			
Control protocol	-	0...+10 V	DMX-512	DMX-512
Control input/output connectors	-	XLR 3pin "male" / none	XLR 5pin "male" / XLR 5pin "female"	XLR 5pin "male" / XLR 5pin "female"
Adjustment range	-	5...100%		

S-Light 220 (DIM, DMX, W-DMX)



Ideal for use as a main flood light and back light in any lighting studio. In big studios could be used as an addition to stronger fixtures.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5400 K;
- flicker free lighting;
- control protocols: 0...+10 V, DMX-512;
- even, soft and diffused light;
- 100% control of flashing exposure and 30% increase of luminosity thanks to four-leaved barn doors.

Default package includes:

Luminaire; 4 barn doors; 2 Osram, GE or Philips (3200 k) lamps; yoke; 16 mm female spigot; 1,5 m power supply cable; euro plug.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			2 m	3 m	4 m	5 m
Osram DL 55/930	3200 K	12000 lm	1080 lux	500 lux	330 lux	200 lux
Osram DL 55/950	5400 K	12600 lm	1130 lux	530 lux	345 lux	210 lux

Specifications	S-Light 220	S-Light 220DIM	S-Light 220DMX	S-Light 220W-DMX
Weight	7,9 kg	7,9 kg	8 kg	8,35 kg
Dimensions	665x385x150mm	665x385x150mm	665x385x150mm	665x385x180mm
Number of barndoors			4	
Number of lamps			4	
Power consumption	260 W	260 W	265 W	270 W
Useful current			1,1 A	
Supply voltage			198...254 V / 50...60 Hz	
Work frequency			30...60 kHz	
Mounting adapter			16 mm female	
Operating temperature range			0...+50°C	
Humidity range			not more than 95%	

Control protocol	-	0...+10 V	DMX-512	DMX-512
Control input/ output connectors	-	XLR 3pin "male" / none	XLR 5pin " male " / XLR 5pin "female"	XLR 5pin "male" / XLR 5pin "female"
Adjustment range	-		5...100%	

S-Light 330 (DIM, DMX, W-DMX)



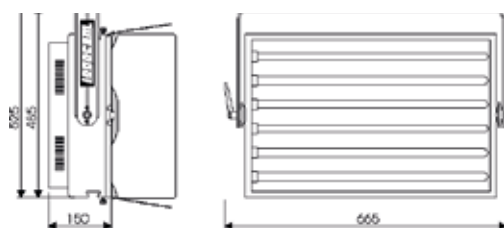
Ideal for use as a main flood light and back light in any lighting studio. The most optimal lamp for the money/light value. Very convenient for large studios.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5400 K;
- flicker free lighting;
- control protocols: 0...+10 V, DMX-512;
- even, soft and diffused light;
- 100% control of flashing exposure and 30% increase of luminosity thanks to four-leaved barn doors.

Default package includes:

Luminaire; 4 barn doors; 6 Osram, GE or Philips (3200 k) lamps; yoke; 16 mm female spigot; 1,5 m power supply cable; euro plug.



Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			2 m	3 m	4 m	5 m
Osram DL 55/930	3200 K	18000 lm	2000 lux	880 lux	500 lux	320 lux
Osram DL 55/950	5400 K	18900 lm	2105 lux	925 lux	525 lux	335 lux

Specifications	S-Light 330	S-Light 330DIM	S-Light 330DMX	S-Light 330W-DMX
Weight	10,4 kg	10,4 kg	10,5 kg	10,85 kg
Dimensions	665x485x150mm	665x485x150mm	665x485x150mm	665x485x180mm
Number of barndoors	4			
Number of lamps	6			
Power consumption	390 W	390 W	395 W	400 W
Useful current	1,65 A			
Supply voltage	198...254 V / 50...60 Hz			
Work frequency	30...60 kHz			
Mounting adapter	16 mm female			
Operating temperature range	0...+50°C			
Humidity range	not more than 95%			

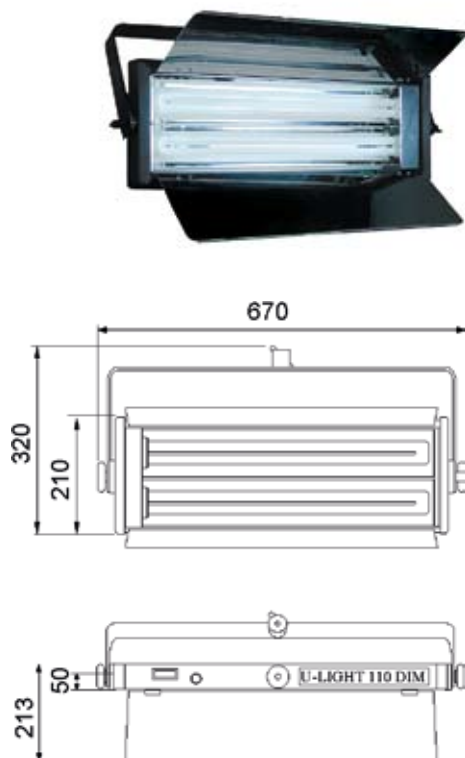
Control protocol	-	0...+10 V	DMX-512	DMX-512
Control input/output connectors	-	XLR 3pin "male" / none	XLR 5pin "male" / XLR 5pin "female"	XLR 5pin "male" / XLR 5pin "female"
Adjustment range	-	5...100%		



U-light Series

Provides added benefits: special ergonomic ultrathin design (ultra slim), 35% weight reduction, raised luminous efficacy and a wide choice of accessories. Thanks to a convenient design, the presence of special wardrobe trunks cases and options of manual control, the U-Light version is ideal for working outside. The wide set of accessories, a choice of various management control protocols allows for the U-Light lamps to be used in any light project.

U-Light 110 (DIM, DMX)



Recommended for use in small studios as flood or back light. When using along with honeycomb grid can work as soft draw light.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5400 K;
- flicker free lighting;
- control protocols: 0...+10 V, DMX-512;
- even, soft and diffused light;
- wide range of accessories;
- ultra slim housing and coffer for transportation come very handy for ENG and location shooting;
- the possibility of using the luminaire along with vertical yoke;
- pole-operated option (for U-Light 110P / 110P DIM / 110P DMX only).

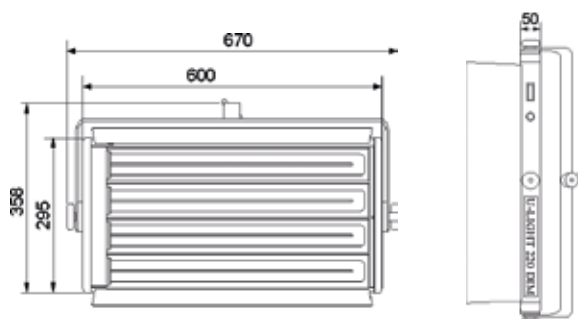
Default package includes:

Luminaire; 2 reflective barn doors; 2 Osram, GE or Philips (3200 k) lamps; horizontal yoke; 16mm female spigot; 2 m power supply cable; euro plug.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			2 m	3 m	4 m	5 m
Osram DL 55/930	3200 K	5660 lm	762 lux	360 lux	230 lux	150 lux
Osram DL 55/950	5400 K	5900 lm	810 lux	380 lux	240 lux	160 lux

Specifications	U-Light 110	U-Light 110DIM	U-Light 110DMX
Weight	2,9 kg	2,9 kg	3,0 kg
Dimensions	670x210x50mm		
Number of barndoors	2		
Number of lamps	2		
Power consumption	130 W	130 W	135 W
Useful current	0,55 A		
Supply voltage	198...254 V / 50...60 Hz		
Work frequency	30...60 kHz		
Mounting adapter	16 mm female		
Operating temperature range	0...+50°C		
Humidity range	not more than 95%		
Control protocol	-	0...+10 V	DMX-512
Control input/output connectors	-	XLR 3pin "male" / none	XLR 5pin " male " / XLR 5pin "female"
Adjustment range	-	5...100%	

U-Light 220 (DIM, DMX)



Recommended for use in studios as the main flood or back light. When using along with honeycomb grid can work as soft draw light. U-Light 220 and U-Light 220DIM are convenient for work outside.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5400 K;
- flicker free lighting;
- control protocols: 0...+10 V, DMX-512;
- even, soft and diffused light;
- wide range of accessories;
- ultra slim housing and coffer for transportation come very handy for ENG and location shooting;
- the possibility of using the luminaire along with vertical yoke;
- pole-operated option (for U-Light 220P / 220P DIM / 220P DMX only).

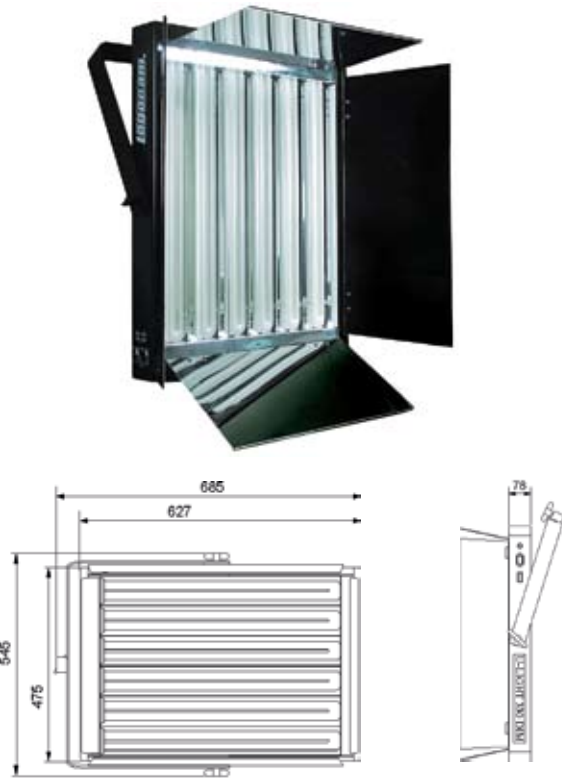
Default package includes:

Luminaire; 2 reflective barn doors; 4 Osram, GE or Philips (3200 k) lamps; horizontal yoke; 16 mm female spigot; 2 m power supply cable; euro plug.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			2 m	3 m	4 m	5 m
Osram DL 55/930	3200 K	11300 lm	1580 lux	840 lux	470 lux	320 lux
Osram DL 55/950	5400 K	11800 lm	1660 lux	880 lux	490 lux	345 lux

Specifications	U-Light 220	U-Light 220DIM	U-Light 220DMX
Weight	4,2 kg	4,2 kg	4,3 kg
Dimensions	670x358x50mm		
Number of barndoors	2		
Number of lamps	4		
Power consumption	260 W	260 W	265 W
Useful current	1,1 A		
Supply voltage	198...254 V / 50...60 Hz		
Work frequency	30...60 kHz		
Mounting adapter	16 mm female		
Operating temperature range	0...+50°C		
Humidity range	not more than 95%		
Control protocol	-	0...+10 V	DMX-512
Control input/output connectors	-	XLR 3pin "male" / none	XLR 5pin " male " / XLR 5pin "female"
Adjustment range	-	5...100%	5...100%

U-Light 330 (DIM, DMX)



Recommended for use in studios as the main flood or back light. When using along with honeycomb grid scan work as soft draw light. U-Light 330 and U-Light 330DIM are also convenient for work outside.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5400 K;
- flicker free lighting;
- control protocols: 0...+10 V, DMX-512;
- even, soft and diffused light;
- wide range of accessories;
- ultra slim housing and coffer for transportation come very handy for ENG and location shooting;
- the possibility of using the luminaire along with vertical yoke.

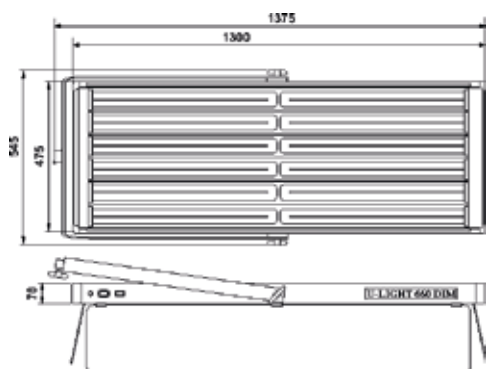
Default package includes:

Luminaire; 4 reflective barn doors; 6 Osram, GE or Philips (3200 k) lamps; vertical yoke; 16 mm female spigot; 2 m power supply cable; euro plug.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			2 m	3 m	4 m	5 m
Osram DL 55/930	3200 K	17000 lm	2540 lux	1120 lux	640 lux	500 lux
Osram DL 55/950	5400 K	17700 lm	2670 lux	1180 lux	670 lux	530 lux

Specifications	U-Light 330	U-Light 330DIM	U-Light 330DMX
Weight	7 kg	7 kg	7,1 kg
Dimensions	685x545x78mm		
Number of barndoors	4		
Number of lamps	6		
Power consumption	390 W	390 W	395 W
Useful current	1,65 A		
Supply voltage	198...254 V / 50...60 Hz		
Work frequency	30...60 kHz		
Mounting adapter	16 mm female		
Operating temperature range	0...+50°C		
Humidity range	not more than 95%		
Control protocol	-	0...+10 V	DMX-512
Control input/output connectors	-	XLR 3pin "male" / none	XLR 5pin "male" / XLR 5pin "female"
Adjustment range	-	5...100%	5...100%

U-Light 660 (DIM, DMX)



Recommended for use in big studios as flood or back light especially when it is necessary to achieve maximum uniformity of illumination. Irreplaceable during portrait shootings and in any applications where it is required to illuminate a person in full height.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5400 K;
- flicker free lighting;
- control protocols: 0...+10 V, DMX-512;
- even, soft and diffused light;
- wide range of accessories;
- ultra slim housing and coffer for transportation come very handy for ENG and location shooting;
- the possibility of using the luminaire along with vertical yoke;
- pole-operated option (for U-Light 220P / 220P DIM / 220P DMX only).

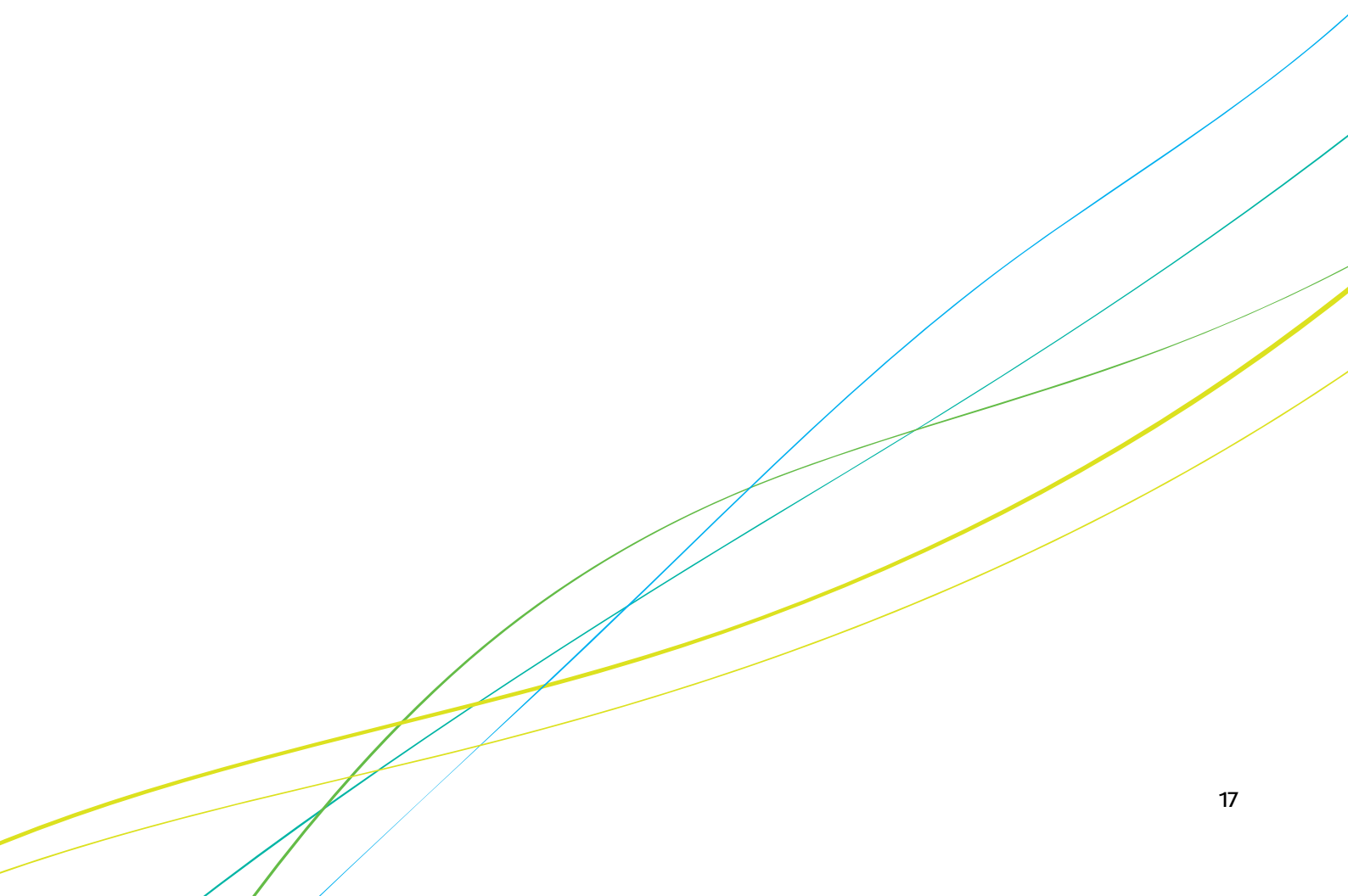
Default package includes:

Luminaire; 2 reflective barn doors; 4 Osram, GE or Philips (3200 K) lamps; horizontal yoke; 16 mm female spigot; 2 m power supply cable; euro plug.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			2 m	3 m	4 m	5 m
Osram DL 55/930	3200 K	34000 lm	4700 lux	2070 lux	1210 lux	800 lux
Osram DL 55/950	5400 K	35400 lm	4940 lux	2170 lux	1270 lux	840 lux

Specifications	U-Light 660	U-Light 660DIM	U-Light 660DMX
Weight	13 kg	13 kg	13,1 kg
Dimensions	1375x545x78mm		
Number of barndoors	4		
Number of lamps	12		
Power consumption	780 W	780 W	785 W
Useful current	3,3 A		
Supply voltage	198...254 V / 50...60 Hz		
Work frequency	30...60 kHz		
Mounting adapter	16 mm female		
Operating temperature range	0...+50°C		
Humidity range	not more than 95%		

Control protocol	-	0...+10 V	DMX-512
Control input/ output connectors	-	XLR 3pin "male" / none	XLR 5pin "male" / XLR 5pin "female"
Adjustment range	-	5...100%	5...100%

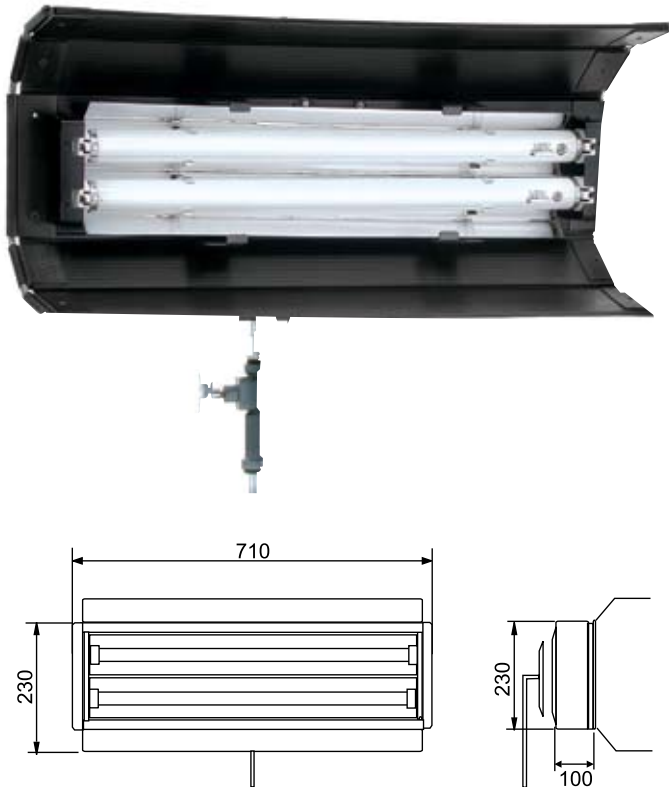




CineLight Series

CineLight series luminaries are the perfect solution for cinematographic work when you need to achieve soft diffused lighting with low power consumption, high light output and a very small heat generation. The distinctive features of these luminaries are portability, reliability and the minimal amount of time needed for installation. CineLight series use lamps with enhanced color rendering quality (CRI-95). CineLight luminaries come with two color temperatures – 3200K and 5500K. Such approach makes it possible to achieve the perfect match of the light fluxes spectrum with halogen spotlights (3200K) and HMI luminaries (5500K) accordingly.

CineLight 2-20 (DIM, DMX)



Recommended to use in studio and for location shooting as a source of diffused lighting for shooting on 35mm film and/or HD. Ideally suited for uniform illumination of small objects.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5500 K;
- flicker free lighting;
- control options: manual, analog and DMX;
- honeycomb grid;
- portable and lightweight;
- center mount for stand, tape to wall;
- using of special Cinema lamps with CRI-95 in protective cases provides perfect color reproduction.

Default package includes:

Luminaire in plastic housing (with integrated barn doors); electronic ballast; mounting; 3m power supply cable; ballast power supply cable; honeycomb grid.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			1 m	2 m	2 m	4 m
F20T12/Cinema 32/CVG	3200 K	1560 lm	345 lux	130 lux	55 lux	35 lux
F20T12/Cinema 55/CVG	5500 K	1520 lm	335 lux	125 lux	55 lux	35 lux

Specifications	CineLight 2-20	CineLight 2-20DIM	CineLight 2-20DMX
Weight (w/o ballast, with mount)	2,1 kg	2,1 kg	2,1 kg
Dimensions (w/o ballast)	710x230x100mm		
Mounting adapter	16 mm female		
Number of lamps	2		
Power consumption	50 W	50 W	55 W
Ballast work frequency	25 kHz		
Operating temperature range	-5...45°C		
Humidity range	not more than 95%		

Control	none	respot	external
Control protocol	none	analog, 0...10 V	DMX 512 / 1990

CineLight 4-20 (DIM, DMX)



Recommended to use in studio and for location shooting as a source of diffused lighting for shooting on 35mm film and/or HD. Ideally suited for uniform illumination of small objects.

Features:

- the possibility of choosing the appropriate color; temperature 3200 K/5500 K;
- flicker free lighting;
- control options: manual, analog and DMX;
- honeycomb grid;
- portable and lightweight;
- center mount for stand, tape to wall;
- using of special Cinema lamps with CRI-95 in protective cases provides perfect color reproduction.

Default package includes:

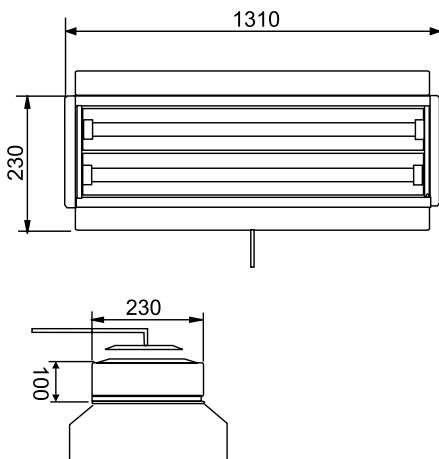
Luminaire in plastic housing (with integrated barn doors); electronic ballast; mounting; 3m power supply cable; ballast power supply cable; honeycomb grid.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			1 m	2 m	2 m	4 m
F20T12/Cinema 32/CVG	3200 K	3120 lm	660 lux	245 lux	110 lux	70 lux
F20T12/Cinema 55/CVG	5500 K	3040 lm	640 lux	240 lux	105 lux	70 lux

Specifications	CineLight 4-20	CineLight 4-20DIM	CineLight 4-20DMX
Weight (w/o ballast, with mount)	3,3 kg	3,3 kg	3,3 kg
Dimensions (w/o ballast)	710x370x100mm		
Mounting adapter	16 mm female		
Number of lamps	4		
Power consumption	100 W	100 W	105 W
Ballast work frequency	25 kHz		
Operating temperature range	-5...45°C		
Humidity range	not more than 95%		

Control	none	respot	external
Control protocol	none	analog, 0...10 V	DMX 512 / 1990

CineLight 2-40 (DIM, DMX)



Recommended to use in studio and for location shooting as a source of diffused lighting for shooting on 35mm film and/or HD. At a group installation it is ideally suited for a uniform illumination of the working area. At single installation it can be used for modelling of light of a linear source.

Features:

- the possibility of choosing the appropriate color; temperature 3200 K/5500 K;
- flicker free lighting;
- control options: manual, analog and DMX;
- honeycomb grid;
- portable and lightweight;
- center mount for stand, tape to wall;
- using of special Cinema lamps with CRI-95 in protective cases provides perfect color reproduction.

Default package includes:

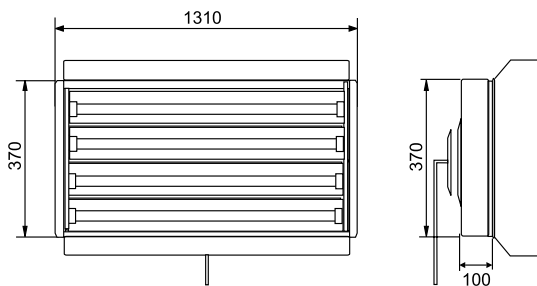
Luminaire in plastic housing (with integrated barn doors); electronic ballast; mounting; 3m power supply cable; ballast power supply cable; honeycomb grid.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			1 m	2 m	3 m	4 m
F40T12/Cinema 32/CVG	3200 K	4000 lm	670 lux	260 lux	120 lux	70 lux
F40T12/Cinema 55/CVG	5500 K	3900 lm	655 lux	115 lux	115 lux	70 lux

Specifications	CineLight 2-40	CineLight 2-40DIM	CineLight 2-40DMX
Weight (w/o ballast, with mount)	3,5 kg	3,5 kg	3,5 kg
Dimensions (w/o ballast)	1310x230x100mm		
Mounting adapter	16 mm female		
Number of lamps	2		
Power consumption	100 W	100 W	105 W
Ballast work frequency	25 kHz		
Operating temperature range	-5...45°C		
Humidity range	not more than 95%		

Control	none	respot	external
Control protocol	none	analog, 0...10 V	DMX 512 / 1990

CineLight 4-40 (DIM, DMX)



Recommended to use in studio and for location shooting as a source of diffused lighting for shooting on 35mm film and/or HD. At group installation is ideally suited for uniform illumination of the working area. At single installation it can be used for modelling of light from a window.

Features:

- the possibility of choosing the appropriate color; temperature 3200 K/5500 K;
- flicker free lighting;
- control options: manual, analog and DMX;
- honeycomb grid;
- portable and lightweight;
- center mount for stand, tape to wall;
- using of special Cinema lamps with CRI-95 in protective cases provides perfect color reproduction.

Default package includes:

Luminaire in plastic housing (with integrated barn doors); electronic ballast; mounting; 3m power supply cable; ballast power supply cable; honeycomb grid.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			1 m	2 m	3 m	4 m
F40T12/Cinema 32/CVG	3200 K	8000 lm	1140 lux	465 lux	210 lux	135 lux
F40T12/Cinema 55/CVG	5500 K	7800 lm	1110 lux	455 lux	205 lux	132 lux

Specifications	CineLight 4-40	CineLight 4-40DIM	CineLight 4-40DMX
Weight (w/o ballast, with mount)	5 kg	5 kg	5 kg
Dimensions (w/o ballast)	1310x370x100mm		
Mounting adapter	16 mm female		
Number of lamps	4		
Power consumption	200 W	200 W	205 W
Ballast work frequency	25 kHz		
Operating temperature range	-5...45°C		
Humidity range	not more than 95%		

Control	none	respot	external
Control protocol	none	analog, 0...10 V	DMX 512 / 1990

CineLight 2-55 (DIM, DMX)



Recommended to use in stage and for location shooting as a source of diffused light. Ideally suited for uniform illumination of small objects. This portable model with high lighting efficacy is specially created for work with new HDV camcorders. Is ideally suited for uniform illumination of small objects.

Features:

- the possibility of choosing the appropriate color; temperature 3200 K/5600 K;
- flicker free lighting;
- control options: manual, analog and DMX;
- honeycomb grid;
- portable and lightweight;
- center mount for stand, tape to wall;
- using of special Cinema lamps with CRI-95 in protective cases provides perfect color reproduction.

Default package includes:

Luminaire in plastic housing (with integrated barn doors); electronic ballast; mounting; 3m power supply cable; ballast power supply cable; honeycomb grid.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			1 m	2 m	3 m	4 m
Lamp F55BX/ Cinema 32	3200 K	9000 lm	750 lux	380 lux	155 lux	105 lux
Lamp F55BX/ Cinema 56	5600 K	8800 lm	735 lux	370 lux	150 lux	100 lux

Specifications	CineLight 2-55	CineLight 2-55DIM	CineLight 2-55DMX
Weight (w/o ballast, with mount)	2 kg	2 kg	2 kg
Dimensions (w/o ballast)	660x230x100mm		
Mounting adapter	16 mm female		
Number of lamps	2		
Power consumption	130 W	130 W	135 W
Ballast work frequency	30...60 kHz		
Operating temperature range	-5...45°C		
Humidity range	not more than 95%		

Control	none	respot	external
Control protocol	none	analog, 0...10 V	DMX 512 / 1990

CineLight 4-55 (DIM, DMX)



Recommended to use in stage and for location shooting as a source of diffused. Ideally suited for uniform illumination of small objects. This portable model with high lighting efficacy is specially created for work with new HDV camcorders. Is ideally suited for uniform illumination of small objects.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5600 K;
- flicker free lighting;
- control options: manual, analog and DMX
- honeycomb grid;
- portable and lightweight;
- center mount for stand, tape to wall;
- using of special Cinema lamps with CRI-95 in protective cases provides perfect color reproduction.

Default package includes:

Luminaire in plastic housing (with integrated barn doors), electronic ballast, mounting, 3m power supply cable, ballast power supply cable, honeycomb grid.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			1 m	2 m	3 m	4 m
Lamp F55BX/ Cinema 32	3200 K	18000 lm	1200 lux	630 lux	330 lux	230 lux
Lamp F55BX/ Cinema 56	5600 K	17600 lm	1175 lux	615 lux	325 lux	225 lux

Specifications	CineLight 4-55	CineLight 4-55DIM	CineLight 4-55DMX
Weight (w/o ballast, with mount)	3,2 kg	3,2 kg	3,2 kg
Dimensions (w/o ballast)	660x370x100mm		
Mounting adapter	16 mm female		
Number of lamps	4		
Power consumption	260 W	260 W	265 W
Ballast work frequency	30...60 kHz		
Operating temperature range	-5...45°C		
Humidity range	not more than 95%		

Control	none	respot	external
Control protocol	none	analog, 0...10 V	DMX 512 / 1990

CineLight 8-40 (DIM, DMX) / CineLight 10-40 (DIM, DMX)



Recommended to use in studio and for location shooting as a source of diffused lighting for shooting on 35mm film and/or HD. At a group installation it is ideally suited for a uniform illumination of the working area. At single installation it can be used for modelling light from a window and for illumination of close up shootings.

Features:

- the possibility of choosing the appropriate color temperature 3200 K/5500 K;
- flicker free lighting;
- control options: manual, analog and DMX
- honeycomb grid;
- portable and lightweight;
- center mount for stand, tape to wall;
- using of special Cinema lamps with CRI-95 in protective cases provides perfect color reproduction.

Default package includes:

Luminaire in lightweight aluminum alloy housing, removable barn doors, electronic ballast, mounting, 3m power supply cable, ballast power supply cable, honeycomb grid, filter holder.

Lamp type	Color temperature	Luminous flux	Luminosity depending on distance chart			
			1 m	2 m	3 m	4 m
F40T12/ Cinema 32/ CVG	3200 K	16000 lm / 20000 lm	2200 lux / 2750 lux	775 lux / 970 lux	375 lux / 465 lux	260 lux / 325 lux
F40T12/ Cinema 55/CVG	5500 K	15600 lm / 19500 lm	2140 lux / 2675 lux	755 lux / 945 lux	365 lux / 455 lux	255 lux / 315 lux

Specifications	CineLight 8-40 / 10-40	CineLight 8-40DIM / 10-40DIM	CineLight 8-40DMX / 10-40DMX
Weight (w/o ballast, with mount)	12,5 kg / 13,5 kg	12,5 kg / 13,5 kg	12,5 kg / 13,5 kg
Dimensions (w/o ballast)	1250x600x115mm / 1250x700x115 mm		
Mounting adapter	16 mm female		
Number of lamps	8 / 10		
Power consumption	400 W / 500 W	400 W / 500 W	4005 W / 505 W
Ballast work frequency	25 kHz		
Operating temperature range	-5...45°C		
Humidity range	not more than 95%		

Control	none	respot	external
Control protocol	none	analog, 0...10 V	DMX 512 / 1990

Summary S-Lights

Specifications

	110	110DIM	110DMX*	110W-DMX	220
Weight	5,7 kg	5,7 kg	5,8 kg	6,15 kg	7,9 kg
Dimensions	665x240x150 mm	665x240x150 mm	665x240x150 mm	665x240x180 mm	665x385x150 mm
Number of barndoors	4	4	4	4	4
Number of lamps	2	2	2	2	4
Power consumption	130 W	130 W	135 W	140 W	260 W
Control protocol	none	0...+10 V	DMX-512	DMX-512	none
Luminous flux 3200 K	6000 lm	6000 lm	6000 lm	6000 lm	12000 lm
Luminous flux 5400 K	6300 lm	6300 lm	6300 lm	6300 lm	12600 lm

* all DMX models are supplied on demand

Standard accessories

	110	110DIM	110DMX*	110W-DMX	220
Interchangeable lamps 3200K	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**
Interchangeable lamps 5400K	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**
Safety wire	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10

** Osram DL 55/930, GE F55BX/Cinema 32, Philips PL-L 55/930

*** Osram DL 55/950, GE F55BX / Cinema 55, Philips PL-L 55/950

Compatibility with other equipment

	110	110DIM	110DMX*	110W-DMX	220
Analog dimming console	none	CDA-12/24	none	none	none
Digital dimming console	none	none	CDA-12/24	CDA-12/24	none
Supports	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12
Clamps	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575
Pantographs	PH-11/200	PH-11/200	PH-11/200	PH-11/200	PH-11/200
Extensible fixtures	TH-10/95 TH-5/180	TH-10/95 TH-5/180	TH-10/95 TH-5/180	TH-10/95 TH-5/180	****
Wireless control	none	none	*****	*****	none

**** Please pay attention to load capacity and connecting elements when ordering extensible fixtures

***** compatible with DMX models only

220DIM	220DMX*	220W-DMX	330	330DIM	330DMX*	330W-DMX
7,9 kg	8 kg	8,35 kg	10,4 kg	10,4 kg	10,5 kg	10,85 kg
665x385x150 mm	665x385x150 mm	665x385x180 mm	665x485x150 mm	665x385x150 mm	665x385x150 mm	665x385x180 mm
4	4	4	4	4	4	4
4	4	4	6	6	6	6
260 W	265 W	270 W	390 W	390 W	395 W	400 W
0...+10V	DMX-512	DMX-512	none	0...+10V	DMX-512	DMX-512
12000 lm	12000 lm	12000 lm	18000 lm	18000 lm	18000 lm	18000 lm
12600 lm	12600 lm	12600 lm	18900 lm	18900 lm	18900 lm	18900 lm
220DIM	220DMX*	220W-DMX	330	330DIM	330DMX*	330W-DMX
Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**
Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**
Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10
220DIM	220DMX*	220W-DMX	330	330DIM	330DMX*	330W-DMX
CDA-12/24	none	none	none	CDA-12/24	none	none
none	CDA-12/24	CDA-12/24	none	none	CDA-12/24	CDA-12/24
LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12
CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575
PH-11/200	PH-11/200	PH-11/200	PH-11/200	PH-11/200	PH-11/200	PH-11/200
****	****	****	****	****	****	****
none	*****	*****	none	none	*****	*****

Summary U-Lights

Specifications

	110	110DIM	110DMX*	220	220DIM
Weight	2,9 kg	2,9 kg	3,0 kg	4,2 kg	4,2 kg
Dimensions	670x210x50 mm	670x210x50 mm	670x210x50 mm	670x358x50 mm	670x358x50 mm
Number of barndoors	2	2	2	2	2
Number of lamps	2	2	2	4	4
Power consumption	130 W	130 W	135 W	260 W	260 W
Control protocol	none	0...+10 V	DMX-512	none	0...+10 V
Luminous flux 3200 K	6000 lm	6000 lm	6000 lm	6000 lm	12000 lm
Luminous flux 5400 K	7600 lm	7600 lm	7600 lm	15200 lm	15200 lm

* all DMX models are supplied on demand

Standard accessories

	110	110DIM	110DMX*	220	220DIM
Vertical yoke	-	-	-	-	-
Horizontal yoke	SL1-VY	SL1-VY	SL1-VY	SL2-VY	SL2-VY
Filter holder	SL1-FH	SL1-FH	SL1-FH	SL2-FH	SL2-FH
Honeycomb grid	SL1-HG	SL1-HG	SL1-HG	SL2-HG	SL2-HG
Coffer	SL2-PB	SL2-PB	SL2-PB	SL2-PB	SL2-PB
Coffer	none	U-Manu	none	none	U-Manu
Interchangeable lamps 3200K	Osram, GE, Philips**0	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**
Interchangeable lamps 5400K	Osram, GE, Philips***	Osram, GE, Philips***	Osram, GE, Philips***	Osram, GE, Philips***	Osram, GE, Philips***
Safety wire	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10

** Osram DL 55/930, GE F55BX/Cinema 32, Philips PL-L 55/930

*** Osram DL 55/950, GE F55BX / Cinema 55, Philips PL-L 55/950

Compatibility with other equipment

	110	110DIM	110DMX*	220	220DIM
Analog dimming console	none	CDA-12/24	none	none	CDA-12/24
Digital dimming console	none	none	CDA-12/24	none	none
Supports	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12
Clamps	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575
Pantographs	PH-11/200	PH-11/200	PH-11/200	PH-11/200	PH-11/200
Extensible fixtures	TH-10/95 TH-5/180	TH-10/95 TH-5/180	TH-10/95 TH-5/180	TH-10/95 TH-5/180	TH-10/95 TH-5/180
Film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters
Wireless control	none	none	*****	none	none

***** Please pay attention to load capacity and connecting elements when ordering Extensible fixtures

***** compatible with DMX models only

220DMX*	330	330DIM	330DMX*	660	660DIM	660DMX*
4,3 kg	7,0 kg	7,0 kg	7,1 kg	13,0 kg	13,0 kg	13,1 kg
670x358x50 mm	685x545x78 mm	685x545x78 mm	685x545x78 mm	1375x545x78 mm	1375x545x78 mm	1375x545x78 mm
2	4	4	4	4	4	4
4	6	6	6	12	12	12
265W	390W	390 W	395 W	780 W	780 W	785 W
DMX-512	none	0...+10 V	DMX-512	none	0...+10 V	DMX-512
12000 lm	12000 lm	12000 lm	18000 lm	18000 lm	18000 lm	18000 lm
15200 lm	228000 lm	22800 lm	22800 lm	45600 lm	45600 lm	45600 lm

220DMX*	330	330DIM	330DMX*	660	660DIM	660DMX*
-	SL3-HY	SL3-HY	SL3-HY	SL6-HY	SL6-HY	SL6-HY
SL2-VY	-	-	-	-	-	-
SL2-FH	SL3-FH	SL3-FH	SL3-FH	-	-	-
SL2-HG	SL3-HG	SL3-HG	SL3-HG	-	-	-
SL2-PB	SL3-PB	SL3-PB	SL3-PB	SL6-PB	SL6-PB	SL6-PB
none	none	U-Manu	none	none	U-Manu	none
Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**	Osram, GE, Philips**
Osram, GE, Philips***	Osram, GE, Philips***	Osram, GE, Philips***	Osram, GE, Philips***	Osram, GE, Philips***	Osram, GE, Philips***	Osram, GE, Philips***
Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10

220DMX*	330	330DIM	330DMX*	660	660DIM	660DMX*
none	none	CDA-12/24	none	none	CDA-12/24	none
CDA-12/24	none	none	CDA-12/24	none	none	CDA-12/24
LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-9/260 LS-9/290 LS-15/12	LS-15/12	LS-15/12	LS-15/12
CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575	CL-1050 CL-1575
PH-11/200	PH-11/200	PH-11/200	PH-11/200	****	****	****
TH-10/95 TH-5/180	****	****	****	****	****	****
Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters
*****	none	none	*****	none	none	*****

Summary CineLight

	2-20 2-20DIM 2-20DMX	2-40 2-40DIM 2-40DMX	4-40 4-40DIM 4-40DMX
Weight (w/o ballast, with mount)	2,1 kg	3,5 kg	5 kg
Dimensions (w/o ballast)	710x230x100 mm	1310x230x100 mm	1310x370x100 mm
Number of lamps	2	2	2
Power consumption	50 W	100 W	200 W
Ballast work frequency	25 kHz	25 kHz	25 kHz
Control	none / yes / yes	none / yes / yes	none / yes / yes
Control protocol	analog, 0...10 V, DMX 512 / 1990	analog, 0...10 V, DMX 512 / 1990	analog, 0...10 V, DMX 512 / 1990
Luminous flux 3200 K	2260 lm	5800 lm	11600 lm
Luminous flux 5500 K	2200 lm	5640 lm	11280 lm
Standard accessories	2-20 2-20DIM 2-20DMX	2-40 2-40DIM 2-40DMX	4-40 4-40DIM 4-40DMX
Lamps 3200K	F20T12 Cinema 32 CVG	F40T12 Cinema 32 CVG	F40T12 Cinema 32 CVG
Lamps 5500K	F20T12 Cinema 55 CVG	F40T12 Cinema 55 CVG	F40T12 Cinema 55 CVG
5m cable	CL-BC5	CL-BC5	CL-BC5
Soft coffer	CL-22PB	CL-24PB	CL-44PB
Safety wire	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10
Compatibility with other equipment	2-20 2-20DIM 2-20DMX	2-40 2-40DIM 2-40DMX	4-40 4-40DIM 4-40DMX
Digital dimming console	CDA-12/24	CDA-12/24	CDA-12/24
Supports	LS-15/12 LS-9/290 LS-9/260 LS-3/240	LS-15/12 LS-9/290 LS-9/260	LS-15/12 LS-9/290 LS-9/260
Clamps	CL-1575 CL-1050	CL-1575 CL-1050	CL-1575 CL-1050
Pantographs	PH-11/200	PH-11/200	PH-11/200
Extensible fixtures	TH-10/95 TH-5/180	TH-10/95 TH-5/180	TH-10/95 TH-5/180
Film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters
Wireless control	*****	*****	*****

**** Please pay attention to load capacity and connecting elements when ordering Extensible fixtures

***** compatible with DMX models only

8-40 8-40DIM 8-40DMX	10-40 10-40DIM 10-40DMX	2-55 2-55DIM 2-55DMX	4-55 4-55DIM 4-55DMX
12,5 kg	13,5 kg	2 kg	3,2 kg
1250x600x115 mm	1250x700x115 mm	660x230x100 mm	660x370x100 mm
8	10	2	4
520 W	650 W	130 W	260 W
25 kHz	25 kHz	30...60 kHz	30...60 kHz
none / yes / yes	none / yes / yes	none / yes / yes	none / yes / yes
analog, 0...10 V, DMX 512 / 1990	analog, 0...10 V, DMX 512 / 1990	analog, 0...10 V, DMX 512 / 1990	analog, 0...10 V, DMX 512 / 1990
23200 lm	29000 lm	9000 lm	18000 lm
22560 lm	28200 lm	8800 lm	17600 lm
8-40	10-40	2-55	4-55
8-40DIM	10-40DIM	2-55DIM	4-55DIM
8-40DMX	10-40DMX	2-55DMX	4-55DMX
F40T12 Cinema 32 CVG	F40T12 Cinema 32 CVG	F55BX Cinema 32	F55BX Cinema 32
F40T12 Cinema 55 CVG	F40T12 Cinema 55 CVG	F55BX Cinema 56	F55BX Cinema 56
CL-BC5	CL-BC5	CL-BC5	CL-BC5
CL-104PB	CL-104PB	CL-22PB	CL-42PB
Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10	Safety string 0,5/10
8-40	10-40	2-55	4-55
8-40DIM	10-40DIM	2-55DIM	4-55DIM
8-40DMX	10-40DMX	2-55DMX	4-55DMX
CDA-12/24	CDA-12/24	CDA-12/24	CDA-12/24
**	**	LS-15/12 LS-9/290 LS-9/260 LS-3/240	LS-15/12 LS-9/290 LS-9/260
CL-1575	CL-1575	CL-1575	CL-1575
CL-1050	CL-1050	CL-1050	CL-1050
**	**	PH-11/200	PH-11/200
**	**	TH-10/95 TH-5/180	TH-10/95 TH-5/180
Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters	Any Rosco, Lee, Cotech film filters
*****	*****	*****	*****

Halogen Light

We still remember when in tele-radio broadcasting for the organisation of illumination of studios only halogen light was used. Modern technologies offer new solutions; however, halogen light proved itself irreplaceable.

For a floodlight and background illumination fluorescent fixtures are generally acceptable. This solution is almost ideal. However, there are situations when a halogen light is a must. For example, if it is necessary to shoot outside, the relative bulkiness of fluorescent fixtures becomes a serious disadvantage which the compact halogen fixtures Logocam OF-1000, D-Spot 1000/2000, BL-1000 do not have. The problem of uniform «flare» of a background is successfully solved by luminaries with an asymmetrical lamps Logocam BL-1000 and SL-5000/SL-5000P. Besides, let us not forget that fluorescent fixtures are much more expensive than halogen.

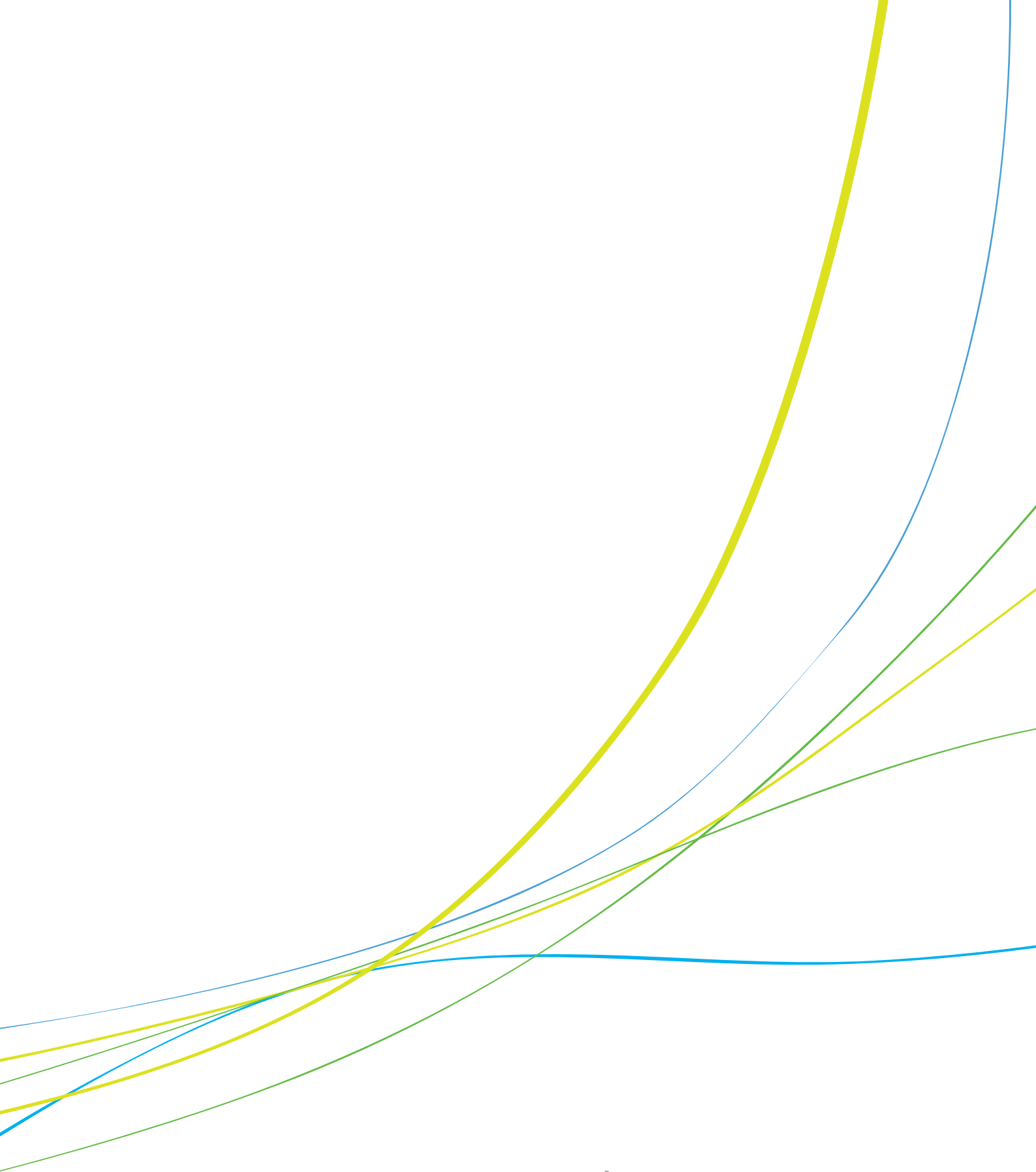
Halogen technology finds its basic application in manufacturing of so-called «directional light» spotlights. The light radiated by a fluorescent lamp is almost impossible to focus. At the same time, everyone who ever had to deal with lighting knows that no production shooting can do without well focused bunches of light.

Illumination of the basic object of shooting always demands at least two spotlights. More objects require more sources of focused light.

For this purpose exactly, Logocam offers a wide lineup of halogen spotlights with a Fresnel lens. The used of a Fresnel lens allows to achieve light bunches with minimum divergence corners of beams, which could not be achieved without using the lens. In all spotlights of series Fresnel, in addition to blinds and filter holders, there is also the option to change the corner of light divergence. Those models which end with the letter «P» (e.g Fresnel 5000P) include a pole-operated version.

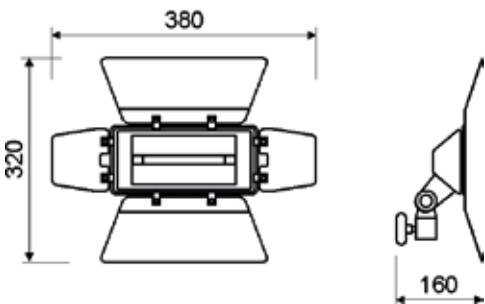
Logocam has an “all inclusive” policy that is why every standard set S-Light and U-Light included lamps, blinds and filter holders, as well as harp and spigot for spotlights fastening.

All spotlight sets, (inc. SL-5000/SL-5000P) includes a safety shutter release cable which provides additional operational safety.



Halogen series
Fresnel series

OF-1000



Recommended for use in small studios as the basic flood in or back light. It is convenient for work outside thanks to its small dimensions. Manual control of the brightness level option considerably expands its creative abilities.

Features:

- compact and light weight construction;
- 4-leaf barndoor are fully adjustable to control light spill;
- safety grid.

Default package includes:

Lighting fixture; 4 leaf barndoors; Osram or Philips lamp; horizontal yoke; 16 mm spigot female; safety mesh; 2 m power supply cable; euro plug.

Specifications	OF-1000
Weight	1,6 kg
Dimensions	160x380x320 mm
Socket type	R7S
LIF lamp code	P2/20
Number of barndoors	4
Mounting adapter	16mm female
Power consumption	Not more than 1000 W
Useful current	Not more than 4,6 A
Supply voltage	90...230 V / 50...60 Hz
Operating temperature range	-10...+50°C
Humidity range	Not more than 95%

Lamp type	Colour temperature	Luminous flux	Luminosity depending on distance chart			
			1,5 m	3 m	4,5 m	6 m
Philips 7786R	3200 K	24200 lm	7800 lux	950 lux	500 lux	265 lux

Semi-D 300



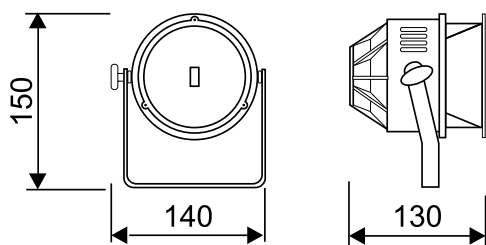
This light and universal fixture is especially developed for work in small studios and outside. Manual control of the brightness level option gives additional option of creative realization. It is recommended to use when a lamp's weight reduction is primarily important.

Features:

- compact and light weight construction;
- safety grid;
- four leaf barndoor with gel clips;
- even light distribution.

Default package includes:

Lighting fixture; 4 leaf barndoors; Osram or Philips lamp; safety mesh; 16 mm spigot female; yoke; 2 m power supply cable; euro plug.



Specifications	Semi-D 300
Weight	1,3 kg
Dimensions	130x140x150 mm
Socket type	G6,35
Number of barndoors	4
Mounting adapter	16mm female
Power consumption	Not more than 300 W
Useful current	Not more than 1,37 A
Supply voltage	90...230 V / 50...60 Hz
Operating temperature range	0...+50°C
Humidity range	Not more than 95%

Lamp type	Colour temperature	Luminous flux	Luminosity depending on distance chart			
			1 m	2 m	3 m	4 m
Osram 64516	3200 K	7400 lm	5500 lux	1500 lux	720 lux	265 lux

D-Spot 1000



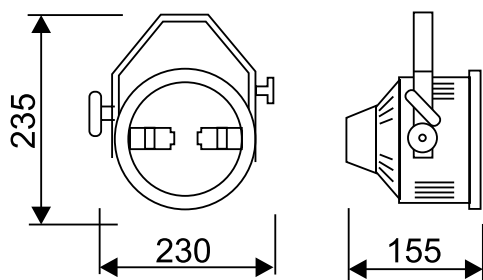
This light and universal fixture is especially developed for work in small studios and outside. Thanks to the smooth focusing it is used as a draw or a flood light. Manual control of the brightness level option gives additional option of creative realization.

Features:

- compact and light weight construction;
- safety grid;
- four leaf barn door with gel clips;
- even light distribution.

Default package includes:

Lighting fixture; 4 leaf barn doors; Osram or Philips lamp; safety mesh; 16 mm spigot female; yoke; 2 m power supply cable; euro plug.



Specifications	D-Spot 1000
Weight	2,6 kg
Dimensions	155x230x235 mm
Adjustment range	2:1
Socket type	R7S
LIF lamp code	P2/35
Number of barn doors	4
Mounting adapter	16mm female
Power consumption	Not more than 1000 W
Useful current	Not more than 4,5 A
Supply voltage	90...230 V / 50...60 Hz
Operating temperature range	0...+50°C
Humidity range	Not more than 95%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart			
			2 m	4 m	6 m	8 m
Concentrated beam	26500 lm	Philips 13704R	3 m 2800 lux	7 m 660 lux	10,5 m 330 lux	8 m 210 lux
Non-concentrated beam	26500 lm	Philips 13704R	7400 lux 1,8 m	1870 lux 3,4 m	860 lux 4,6 m	550 lux 6 m

D-Spot 2000



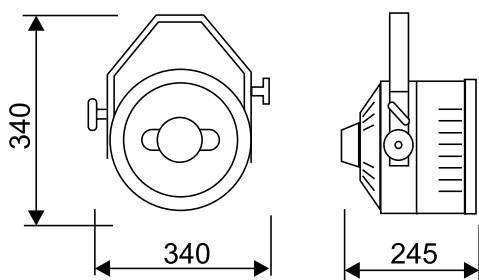
The universal fixture specially developed for work in studio and outside. Thanks to its smooth focusing it is used as a draw or a flood light.

Features:

- safety grid;
- four leaf barn door with gel clips;
- even light distribution.

Default package includes:

Lighting fixture; 4 leaf barn doors; Osram or Philips lamp; safety mesh; 16 mm spigot female; yoke; 2 m power supply cable; euro plug.



Specifications	D-Spot 2000
Weight	5 kg
Dimensions	245x340x340 mm
Adjustment range	3:1
Socket type	R7S
LIF lamp code	P2/27
Number of barn doors	4
Mounting adapter	16mm female
Power consumption	Not more than 2000 W
Useful current	Not more than 9 A
Supply voltage	90...230 V / 50...60 Hz
Operating temperature range	0...+50°C
Humidity range	Not more than 95%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart			
			2 m	4 m	6 m	8 m
Concentrated beam	50000 lm	Osram 64781	2 m 5100 lux	4 m 1400 lux	6 m 650 lux	8 m 330 lux
Non-concentrated beam	50000 lm	Osram 64781	14200 lux 1 m	3400 lux 5 m	1500 lux 2,5 m	880 lux 3,5 m

BL-1000



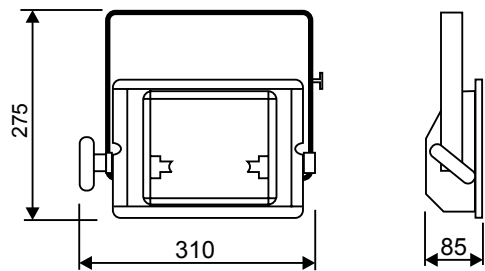
Lamps with an asymmetric reflector. Recommended for use in television and video studios for background illumination. Their «Slanting» light of the fixture provides maximum uniform illumination of vertical surfaces. Manual control of the brightness level option will allow raising the quality of background illumination.

Features:

- compact and light weight construction;
- mesh grid and safety wire;
- available for 800 W, 1000 W (220 V) lamps;
- four leaf barndoor with gel clips.

Default package includes:

Lighting fixture; 2 leaf barndoors; Osram or Philips lamp; safety mash; 16 mm spigot female; yoke; 2 m power supply cable; euro plug.



Specifications	BL-1000
Weight	2,8 kg
Dimensions	85x310x275 mm
Socket type	R7S
LIF lamp code	P2/20
Number of barndoors	2
Mounting adapter	16mm female
Power consumption	Not more than 1000 W
Useful current	Not more than 4,5 A
Supply voltage	90...230 V / 50...60 Hz
Operating temperature range	0...+50°C
Humidity range	Not more than 95%

Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart			
		1 m	2 m	3 m	4 m
27000 lm	Philips 7786R	1190 lux	2500 lux	2760 lux	1800 lux

SL-5000 (P)



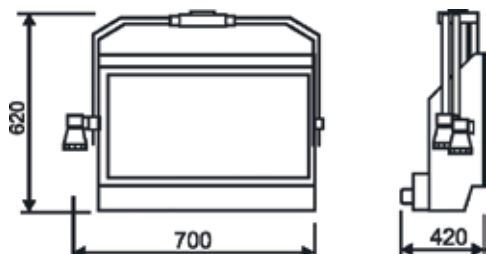
Recommended for use in big studios as the main flood or back light. The special optical system of the fixture allows achieving maximum uniform illumination of vertical surfaces.

Features:

- safety wire;
- eggcrate diffuser to reduce flare spots;
- available for 800 W, 1000 W (220 V) lamps;
- independent switch for each of four lamp;
- pole-operated option (SL-5000P).

Default package includes:

Lighting fixture; 4 Osram or Philips lamp; vertical yoke; 28 mm spigot male; 2 m power supply cable; euro plug; safety wire.



Specifications	SL-5000/ SL-5000P
Weight	19 kg
Dimensions	420x700x620 mm
Socket type	R7S
LIF lamp code	P2/12
Number of barndoors	none
Mounting adapter	28 mm male
Power consumption	Not more than 5000 W
Useful current	Not more than 22 A
Supply voltage	90...230 V / 50...60 Hz
Operating temperature range	0...+50°C
Humidity range	Not more than 95%

Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart				
		6 m	7 m	8 m	9 m	10 m
135000 lm	Philips 6358R	13 m 1190 lux	15 m 870 lux	19 m 610 lux	21 m 500 lux	25 m 390 lux



Fresnel Series

Fresnel series luminaries provide you with excessive choice of halogen spotlights with Fresnel lens (from 300Wt up to 5kW) that are intended for studio as well as ENG and location shooting.

Fresnel series feature the wide range of light beam angle adjustment (up to 7:1), the evenness of the light spot and immovability of its center throughout the adjustment range, Fresnel lenses made of high quality heat resistant glass and the sophisticated air-cooling scheme that allows to significantly increase the life span of the lamps.

Fresnel 300



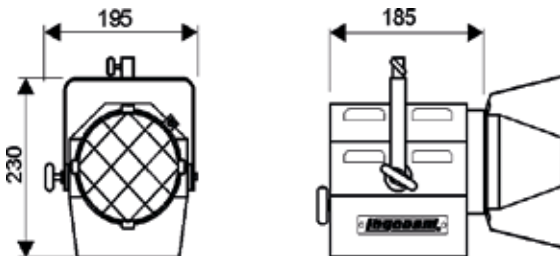
Recommended for use as a spot and back light. Thanks to its small dimensions it is convenient for work outside and in small studios. Manual control of the brightness level option considerably expands creative abilities.

Features:

- effective convective cooling system;
- even light distribution;
- compatible with all the light control standards;
- 4-leaf rotating barndoors are fully adjustable to control light spill;
- portable dimmer as an option;
- mesh grid and safety wire.

Default package includes:

Lighting fixture; 4-leaf barndoors; gel clips; Osram or Philips lamp; yoke; mesh grid; 16 mm spigot female; 2 m power supply cable; euro plug; safety wire.



Specifications	Fresnel 300
Weight	2,7 kg
Dimensions	185x195x230 mm
Lens diameter	88 mm
Adjustment range	4:1
Socket type	GY9,5
LIF lamp code	CP81
Number of barndoors	4
Mounting adapter	16mm female
Power consumption	Not more than 300 W
Useful current	Not more than 1,4 A
Supply voltage	90...230 V / 50...60 Hz
Operating temperature range	0...+50°C
Humidity range	Not more than 95%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart				
			1,5 m	2,5 m	3 m	4 m	5 m
Concentrated beam	5000 lm	Osram 64662	Ø 3 m 1460 lux	Ø 4,5 m 645 lux	Ø 5,3 m 370 lux	Ø 6,6 m 230 lux	Ø 8,5 m 94 lux
Non-concentrated beam	5000 lm	Osram 64662	5200 lux Ø 0,6 m	2300 lux Ø 0,7 m	1300 lux Ø 1 m	780 lux Ø 1,2 m	320 lux Ø 1,6 m

Fresnel 650



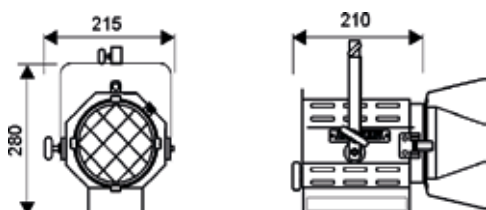
Recommended for use as a spot and back light in any studios. Manual control of the brightness level option creates a base for the economical control of lighting, and considerably expands creative abilities.

Features:

- effective convective cooling system;
- even light distribution;
- compatible with all the light control standards;
- 4-leaf rotating barndoor are full adjustable to control light spill;
- portable dimmer as an option;
- mesh grid and safety wire;
- pole-operated option (650P).

Default package includes:

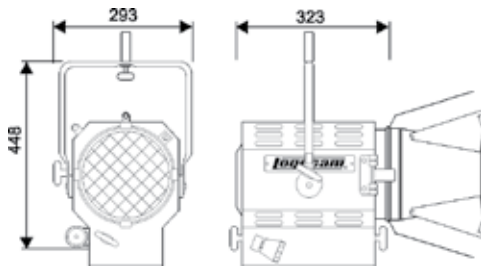
Lighting fixture; 4-leaf barndoors; gel clips; Osram or Philips lamp; yoke; mesh grid; 16 mm spigot female; 2 m power supply cable; euro plug; safety wire.



Specifications	Fresnel 650	Fresnel 650P
Weight	3,7 kg	4,1 kg
Dimensions	210x215x 280 mm	210x215x 280 mm
Lens diameter	120 mm	
Adjustment range	6:1	
Socket type	GY9,5	
LIF lamp code	CP89	
Number of barndoors	4	
Mounting adapter	16mm female	
Power consumption	Not more than 650 W	
Useful current	Not more than 3 A	
Supply voltage	90...230 V / 50...60 Hz	
Operating temperature range	-10...+50°C	
Humidity range	Not more than 95%	

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart			
			2 m	3 m	4 m	5 m
Concentrated beam	16250 lm	Osram 64717	Ø 2,3 m 2800 lux	Ø 4,5 m 700 lux	Ø 5,7 m 450 lux	Ø 6,8 m 310 lux
Non-concentrated beam	16250 lm	Osram 64717	19400 lux Ø 0,6 m	4870 lux Ø 1,15 m	3100 lux Ø 1,4 m	2100 lux Ø 1,7 m

Fresnel 1000



It is recommended to use as spot and back (in certain cases as background and flood light) in any studios.

Features:

- effective convective cooling system;
- even light distribution;
- compatible with all the light control standards;
- 8-leaf rotating barndoor are full adjustable to control light spill;
- portable dimmer as an option;
- mesh grid and safety wire.

Default package includes:

Lighting fixture; 8-leaf barndoors; gel clips; Osram or Philips lamp; yoke; mesh grid; 28 mm spigot male; 3 m power supply cable; euro plug; safety wire.

Specifications	Fresnel 1000/1000P
Weight	8 kg / 8,4 kg
Dimensions	323x293x448 mm
Lens diameter	150 mm
Adjustment range	5:1
Socket type	G22
LIF lamp code	CP40
Number of barndoors	8
Mounting adapter	28 mm male
Power consumption	Not more than 1000 W
Useful current	Not more than 4,5 A
Supply voltage	90...230 V / 50...60 Hz
Operating temperature range	0...+50°C
Humidity range	Not more than 95%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart				
			3 m	4 m	5 m	6 m	8 m
Concentrated beam	26000 lm	Osram 64747	Ø 3 m 1700 lux	Ø 4,5 m 1050 lux	Ø 5,3 m 660 lux	Ø 6,6 m 460 lux	Ø 5 m 200 lux
Non-concentrated beam	26000 lm	Osram 64747	10200 lux Ø 0,6 m	5600 lux 0,7 m	3400 lux Ø 1 m	2460 lux Ø 1,2 m	1320 lux Ø 1,6 m

Fresnel 1000P+



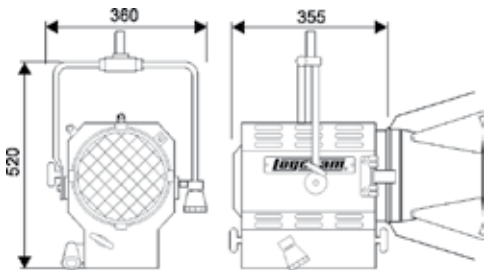
It is recommended to use as spot and back (in certain cases as background and flood light) in any studios.
Optimal for use with suspension systems.

Features:

- enlarged lens;
- effective convective cooling system;
- even light distribution;
- compatible with all the light control standards;
- 8-leaf rotating barndoor are full adjustable to control light spill;
- portable dimmer as an option;
- mesh grid and safety wire;
- pole-operated option.

Default package includes:

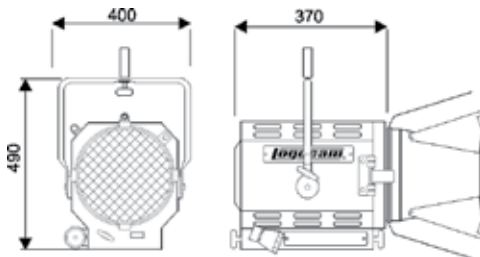
Lighting fixture; 8-leaf barndoors; gel clips; Osram or Philips lamp; yoke; mesh grid; 28 mm spigot male; 3 m power supply cable; euro plug; safety wire.



Specifications	Fresnel 1000P+
Weight	9,2 kg
Dimensions	355x360x520 mm
Lens diameter	175 mm
Adjustment range	7:1
Socket type	G22
LIF lamp code	CP40
Number of barndoors	8
Mounting adapter	28 mm male
Power consumption	Not more than 1000 W
Useful current	Not more than 4,5 A
Supply voltage	90...230 V / 50...60 Hz
Operating temperature range	0...+50°C
Humidity range	Not more than 95%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart			
			3 m	5 m	10 m	15 m
Concentrated beam	26000 lm	Osram 64747	Ø 3 m 1700 lux	Ø 5 m 1000 lux	Ø 10,8 m 250 lux	Ø 16 m 110 lux
Non-concentrated beam	26000 lm	Osram 64747	17800 lux Ø 0,6 m	7100 lux Ø 1 m	1700 lux Ø 1,7 m	770 lux Ø 2,7 m

Fresnel 2000



It is recommended to use as spot and back (in certain cases as background and flood light) in big studios.

Features:

- effective convective cooling system;
- even light distribution;
- compatible with all the light control standards;
- 8-leaf rotating barndoor are full adjustable to control light spill;
- portable dimmer as an option;
- mesh grid and safety wire;
- pole-operated option (2000P).

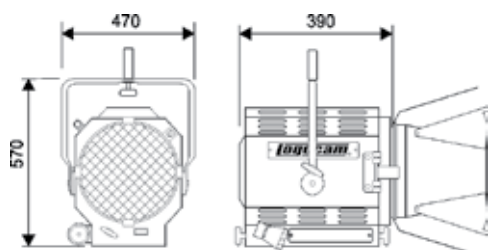
Default package includes:

Lighting fixture; 8-leaf barndoors; gel clips; Osram or Philips lamp; yoke; mesh grid; 28 mm spigot male; 3 m power supply cable; euro plug; safety wire.

Specifications	Fresnel 2000	Fresnel 2000P
Weight	13 kg	13,5 kg
Dimensions	370x400x490 mm	370x440x490 mm
Lens diameter	250 mm	
Adjustment range	5:1	
Socket type	G38	
LIF lamp code	CP41	
Number of barndoors	8	
Mounting adapter	28 mm male	
Power consumption	Not more than 2000 W	
Useful current	Not more than 9 A	
Supply voltage	90...230 V / 50...60 Hz	
Operating temperature range	-10...+50°C	
Humidity range	Not more than 95%	

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart			
			5 m	6 m	7 m	8 m
Concentrated beam	62000 lm	Osram 64789	Ø 4,8 m 1250 lux	Ø 6 m 890 lux	Ø 7 m 700 lux	Ø 8,2 m 550 lux
Non-concentrated beam	62000 lm	Osram 64789	6500 lux Ø 0,9 m	4800 lux Ø 1 m	3250 lux Ø 1,2 m	2700 lux Ø 1,4 m

Fresnel 5000



It is recommended to use as spot and back (in certain cases as background and flood light) in big studios.

Features:

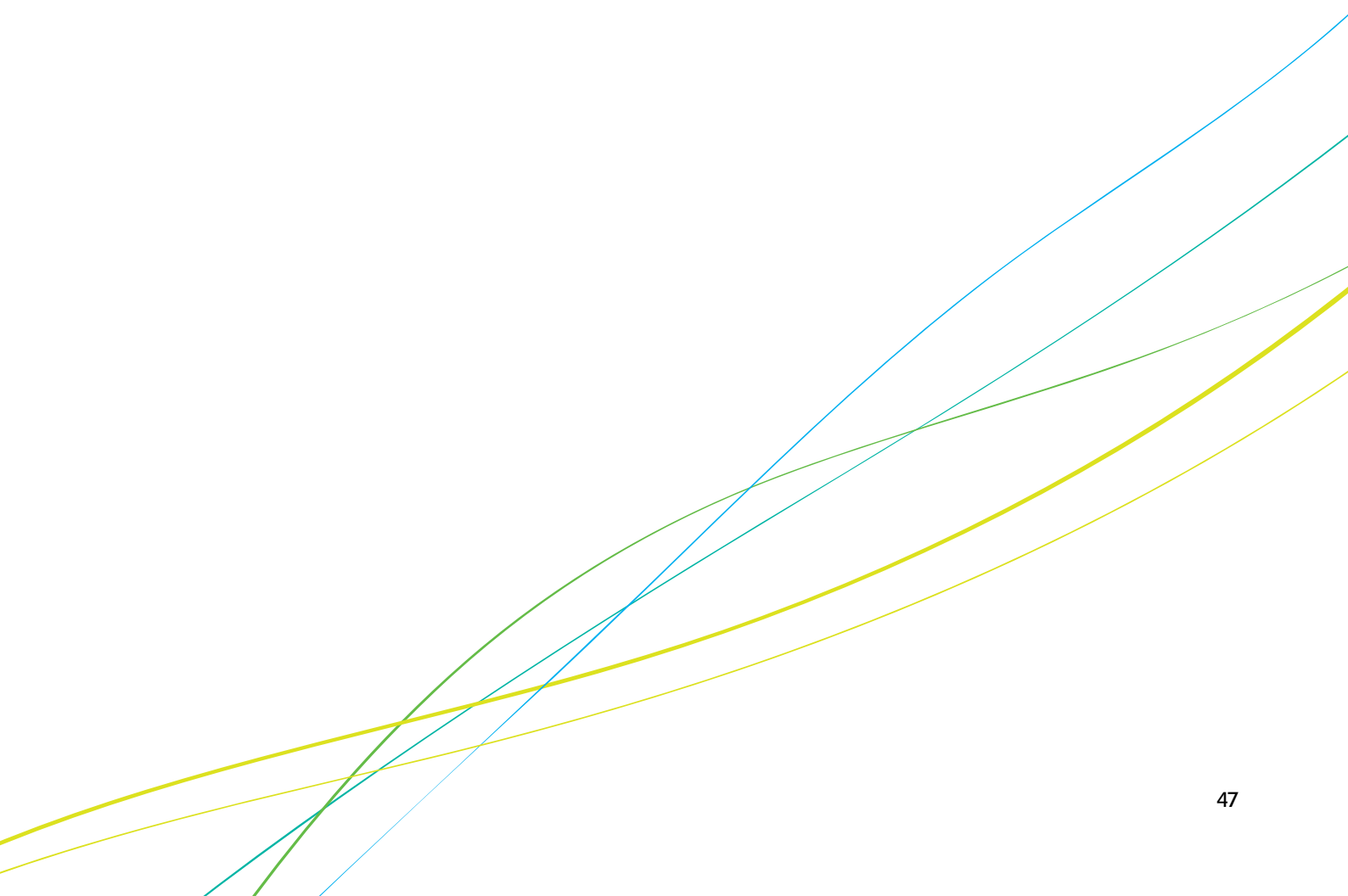
- effective convective cooling system;
- even light distribution;
- compatible with all the light control standards;
- 8-leaf rotating barn doors are full adjustable to control light spill;
- portable dimmer as an option;
- mesh grid and safety wire;
- pole-operated option (5000P).

Default package includes:

Lighting fixture; 8-leaf barn doors; gel clips; Osram or Philips lamp; yoke; mesh grid; 28 mm spigot male; 3 m power supply cable; euro plug; safety wire.

Specifications	Fresnel 5000	Fresnel 5000P
Weight	19,7 kg	20,3 kg
Dimensions	390x470x570 mm	390x510x570 mm
Lens diameter	300 mm	
Adjustment range	5:1	
Socket type	G38	
LIF lamp code	CP85	
Number of barn doors	8	
Mounting adapter	28 mm male	
Power consumption	Not more than 5000 W	
Useful current	Not more than 22,7 A	
Supply voltage	90...230 V / 50...60 Hz	
Operating temperature range	-10...+50°C	
Humidity range	Not more than 95%	

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart			
			6 m	9 m	12 m	15 m
Concentrated beam	135000 lm	Osram 64805	Ø 7 m 1700 lux	Ø 9 m 800 lux	Ø 14 m 430 lux	Ø 18 m 300 lux
Non-concentrated beam	135000 lm	Osram 64805	9200 lux Ø 1,4 m	4100 lux Ø 2,1 m	2300 lux Ø 2,8 m	1400 lux Ø 3,5 m



Summary Halogen

Specifications	OF-1000	BL-1000	SL-5000
Weight	1,6 kg	2,8 kg	18,5 kg
Dimensions	160x380x320 mm	850x310x275 mm	4200x7000x6200 mm
Power consumption	1000 W	1000 W	5000 W
Number of barndoors	4	2	none
Lens diameter	none	none	none
Socket type	R7S	R7S	R7S
Luminous flux	24200 lm	27000 lm	135000 lm
Adjustment range	none	none	none
Pole-operated option	none	none	available
Mounting adapter	16 mm female	16 mm female	28 mm male
Standard accessories	OF-1000	BL-1000	SL-5000
Interchangeable lamps 3200K	Philips 7786R	Philips 7786R	Philips 6358R
Manual dimming control	Dimmer 1000/220	Dimmer 1000/220	none
Pole-operated option	none	none	available
Honeycomb grids	none	none	available
Soft boxes	none	none	none
Compatibility with other equipment	OF-1000	BL-1000	SL-5000
Analog dimming console	CDA-12/24**	CDA-12/24**	CDA-12/24**
Digital dimming console	CDA-12/24	CDA-12/24	CDA-12/24
Dimmer units	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***
Supports	LS-15/12 LS-9/290 LS-9/260 LS-3/100 LS-3/240	LS-15/12 LS-9/290 LS-9/260 LS-3/100 *****	****
Clamps	CL-1052 CL-1575	CL-1052 CL-1575	****
Pantographs	PH-11/200 ****	PH-11/200 ****	****
Extensible fixtures	TH-10/95 TH-5/180 ****	TH-10/95 TH-5/180 ****	****
Pins	GG-5	GG-5	none
Multiarms	MA-2 / MA-3	MA-2	none
Film filters	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****

SL-5000P	Semi-D 300	D-Spot 1000	D-Spot 2000	Fresnel 300
19 kg	1,3 kg	2,6 kg	5 kg	2,7 kg
4200x7000x6200 mm	130x140x150 mm	155x230x235 mm	245x340x340 mm	185x195x230 mm
5000 W	300 W	1000 W	2000 W	300 W
none	4	4	4	4
none	none	none	none	88 mm
R7S	G6,35	R7S	R7S	GY9,5
135000 lm	7400 lm	26500 lm	50000 lm	5000 lm
none	none	2:1	3:1	4:1
available	none	none	none	none
28 mm male	16 mm female	16 mm female	16 mm female	16 mm female
SL-5000P	Semi-D 300	D-Spot 1000	D-Spot 2000	Fresnel 300
Philips 6358R	Osram 64516	Philips 13704R	Osram 64781R	Osram 64662
none	Dimmer 300/220	Dimmer 1000/220	none	Dimmer 300/220
available	none	none	none	none
available	none	none	none	none
none	none	SB-66	none	none
SL-5000P	Semi-D 300	D-Spot 1000	D-Spot 2000	Fresnel 300
CDA-12/24**	CDA-12/24**	CDA-12/24**	CDA-12/24**	CDA-12/24**
CDA-12/24	CDA-12/24	CDA-12/24	CDA-12/24	CDA-12/24**
Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***
****	LS-9/290 LS-9/260 LS-3/100 LS-3/240 ****	LS-15/12 LS-9/290 LS-9/260 LS-3/100 LS-3/240	LS-15/12 LS-9/290 LS-9/260 ****	LS-9/290 LS-9/260 LS-3/100 LS-3/240 ****
****	CL-1052 CL-1575	CL-1052 CL-1575	CL-1052 CL-1575	CL-1052 CL-1575
****	PH-11/200 ****	PH-11/200 ****	PH-11/200 ****	PH-11/200 ****
****	TH-10/95 TH-5/180 ****	TH-10/95 TH-5/180 ****	TH-10/95 TH-5/180 ****	TH-10/95 TH-5/180 ****
none	GG-5	GG-5	GG-5	GG-5
none	MA-2	MA-2	none	MA-2
Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****

Summary Halogen

Specifications	Fresnel 650	Fresnel 650P	Fresnel 1000/1000P
Weight	3,7 kg	4,1 kg	8,0 kg / 8,4 kg
Dimensions	210x215x280 mm	210x215x280 mm	323x293x448 mm
Power consumption	650 W	650 W	1000 W
Number of barndoors	4	4	8
Lens diameter	120 mm	120 mm	150 mm
Socket type	GY9,5	GY9,5	G22
Luminous flux	16250 lm	16250 lm	26000 lm
Adjustment range	7:1	7:1	5:1
Pole-operated option	none	none	none
Mounting adapter	16 mm female	16 mm female	28 mm male
Standard accessories	Fresnel 650	Fresnel 650P	Fresnel 1000/1000P
Interchangeable lamps 3200K	Osram 64717	Osram 64717	Osram 64747
Manual dimming control	Dimmer 1000/220	Dimmer 1000/220	Dimmer 1000/220
Pole-operated option	none	none	none / available
Compatibility with other equipment	Fresnel 650	Fresnel 650P	Fresnel 1000/1000P
Analog dimming console	CDA-12/24**	CDA-12/24**	CDA-12/24**
Digital dimming console	CDA-12/24**	CDA-12/24**	CDA-12/24**
Dimmer units	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***
Supports	LS-15/12 LS-9/290 LS-9/260 ****	LS-15/12 LS-9/290 LS-9/260 ****	LS-15/12 LS-9/290 LS-9/260 ****
Clamps	CL-1052 CL-1575	CL-1052 CL-1575	CL-1052 CL-1575
Pantographs	PH-11/200 ****	PH-11/200 ****	PH-11/200 ****
Extensible fixtures	TH-10/95 TH-5/180 ****	TH-10/95 TH-5/180 ****	****
Film filters	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****

* connect via analog (0...10V) dimmer unit only;

** connect via digital (DMX512/1990) dimmer unit only;

*** Please pay attention to the fact that maximum luminaries load should not exceed the maximum load of the channel when connecting several lighting fixtures per dimmer unit channel;

**** Please pay attention to load capacity and connecting elements when ordering supports, extensible fixtures or pantographs of other manufacturers;

***** Please look user manuals for using certain filter type in the manufacturers catalogs

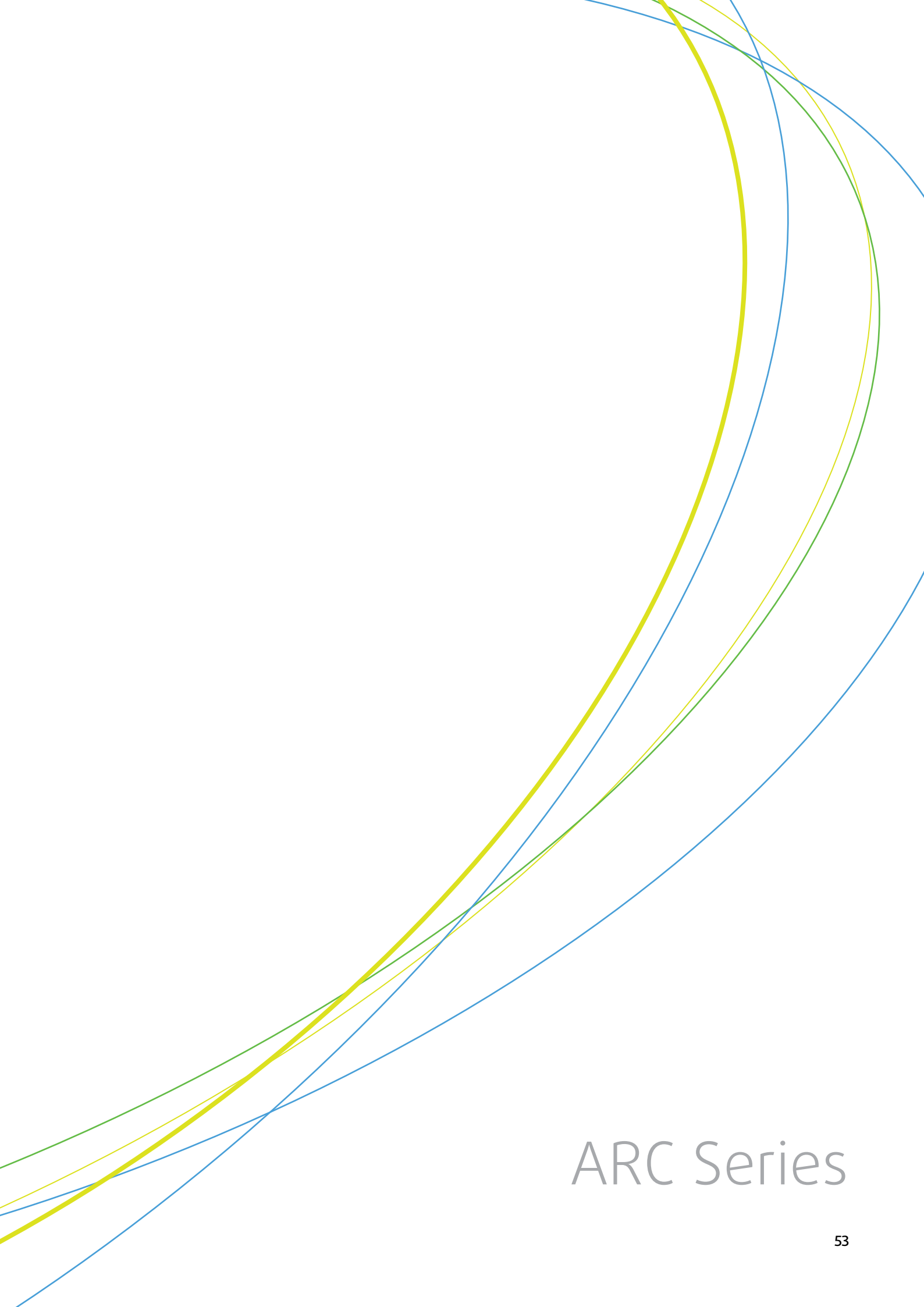
Fresnel 1000P+	Fresnel 2000	Fresnel 2000P	Fresnel 5000	Fresnel 5000P
9,2 kg	13,0 kg	13,5 kg	19,7 kg	20,3 kg
355x360x520 mm	370x400x490 mm	370x400x490 mm	370x440x490 mm	390x510x470 mm
1000 W	2000 W	2000 W	5000 W	5000 W
8	8	8	8	8
175 mm	250 mm	250 mm	300 mm	300 mm
G22	G38	G38	G38	G38
26000 lm	62000 lm	62000 lm	135000 lm	135000 lm
7:1	5:1	5:1	5:1	5:1
available	none	available	none	available
28 mm male	28 mm male	28 mm male	28 mm male	28 mm male
Fresnel 1000P+	Fresnel 2000	Fresnel 2000P	Fresnel 5000	Fresnel 5000P
Osram 64747	Osram 64789	Osram 64789	Osram 64805	Osram 64805
Dimmer 1000/220	none	none	none	none
available	none	available	none	available
Fresnel 1000P+	Fresnel 2000	Fresnel 2000P	Fresnel 5000	Fresnel 5000P
CDA-12/24**	CDA-12/24**	CDA-12/24**	CDA-12/24**	CDA-12/24**
CDA-12/24**	CDA-12/24**	CDA-12/24**	CDA-12/24**	CDA-12/24**
Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***	Digital or analog, ≤ 1 kW per channel ***
LS-15/12 LS-9/290 LS-9/260 ****	LS-15/12 ****	LS-15/12 ****	****	****
CL-1052 CL-1575	CL-1052 CL-1575	CL-1052 CL-1575	****	****
PH-11/200 ****	****	****	****	****
****	****	****	****	****
Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****



HMI Light

The use of HMI lamps in production illumination was used until recently mostly in cinematography, where this technology was used (and still is being used) to imitate sunlight. HMI lamps have a few considerably big advantages in compared to halogen lamps. The lighting efficacy of an HMI lamp is approx. 6-8 higher than a regular halogen lamp. The use of HMI lamps considerably reduces energy consumption. The color temperature of "light" from HMI sources is usually ~6000K, which is as close as possible to sunlight out of all the available lighting sources. That is why when it is necessary to shoot in "daylight" (halogen lamps could only be used with special filters) the efficiency of HMI lamps is ~20 times better. A notable design feature of HMI lamps is its ballasts, which allow for the optimal operation of this lamp. The ballasts come in two categories: electrical and electromagnetic. The first is usually lighter and smaller, the second is usually cheaper.

In accordance to the all inclusive motto of Logocam, the standard complete set includes a luminaire, ballast with connecting cables, blinds, filter holder and harp with a spigot for spotlights fastening. Upon the client's request a rigid wardrobe trunk for safe transportation of lamps is also available. A series of HMI lamps ARC with Fresnel lens is exclusively efficient set of luminous tools for the professional lighting operator.



ARC Series



Series ARC

Logocam offers ARC series HMI luminaries with Fresnel lens that are supplied with magneto-electric or electronic ballasts with simple and easy to use interface. Special attention should be paid to ARC-150 spotlight. It is manufactured specially for use in the studios and can easily replace 1000W halogen spotlights. The main distinctive features of this model is small integrated ballast and the possibility to use 3000K "studio color temperature" lamps as well as 5200K "daylight color temperature" lamps.

ARC-150



HMI luminaree with a Fresnel lens with a special gas-discharge lamp. Has built-in ballast that is especially convenient for work in a studio. A unique feature of ARC-150 is the option of choosing a color temperature: 5200K or 3000K (by means of lamp replacement). It is recommended for use as draw, contour and a flood light.

Features:

- color temperature fits 3000 K range;
- suitable for 5200 K lamps daylight;
- 5 times higher light out put than halogen sources;
- protection against UV radiation;
- even light distribution;
- mesh grid and safety wire.

Default package includes:

Lighting fixture; 4-leaf barndoors; gel clips; Osram HQI-TS 150/WDL UVS (3000K); yoke; mesh grid; 16 mm spigot female; ballast; power supply cable; euro plug; safety wire.

Specifications	ARC-150
Weight	7,5 kg
Dimensions	205x300x200 mm
Power consumption	150 W
Number of barndoors	4
Lens diameter	150 mm
Socket type	RX7s-24
Luminous flux	11000 lm
The time of the establishment of the light flux	15 min
Adjustment range	7:1
Yoke mounting adapter	16 mm female
Interchangeable lamps 3000K	Osram HQI-TS 150/WDL UVS
Interchangeable lamps 5200K	Osram HQI-TS 150/D UVS
Ballast specifications	ARC-150 Ballast
Ballast type	Built-in / magneto-electric
Supply voltage	200...240 V / 50...60 Hz
Lamp useful current	1,8 A
Ignition voltage / Work lamp voltage	4,5 kV / 85 V
Possibility of repeated ignition	after 10 min
Operating temperature / humidity	-10...+50°C not more than 80%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart				
			1 m	2 m	3 m	4 m	5 m
Concentrated beam	11000 lm	Osram HQI-TS 150/WDL UVS	Ø 1 m	Ø 2,1 m	Ø 3,2 m	Ø 4,3 m	Ø 5,3 m
		Osram HQI-TS 150/D UVS	4200 lux	1150 lux	520 lux	300 lux	200 lux
Non-concentrated beam	11000 lm	Osram 64662	20500 lux Ø 0,2 m	4900 lux Ø 0,35 m	2100 lux Ø 0,55 m	1500 lux Ø 0,7 m	1200 lux Ø 0,9 m

ARC-575 (E)



HMI spotlight with a Fresnel lens. It is recommended to use as spot, flood and back light. It is convenient for illumination during location shooting though it is designed specially for cinema production.

Features:

- pure daylight;
- 5 times higher light output than halogen sources;
- durable aluminum housing;
- protection against UV radiation;
- even light distribution;
- mesh grid;
- flicker free light output.

Default package includes:

Lighting fixture; 4-leaf barndoors; gel clips; yoke; mesh grid; 28 mm spigot male; built-in ballast (ARC-575E) or magneto-electric ballast (ARC-575); power supply cable; euro plug.

Specifications

		ARC-575 / ARC-575E
Weight		7,6 kg
Dimensions		240x290x240 mm
Power consumption		575 W
Number of barndoors		4
Lens diameter		130 mm
Socket type		G 22
Luminous flux		49000 lm
The time of the establishment of the light flux		15 min
Adjustment range		8:1
Yoke mounting adapter		28 mm male
Interchangeable lamps 6000K		Osram HMI 575 W SE; Philips MSR 575 HR SE
Colour rendering index		> 90
Ballast specifications	ARC-575 Ballast	ARC-575 Electronic Ballast
Ballast type	Built-in	Magneto-electric
Ballast weight	12,1 kg	3,3 kg
Ballast dimensions	140x156x220 mm	140x156x220 mm
Supply voltage	7 A	Not more than 7 A
Lamp useful current	190...250 V / 50...60 Hz	190...250 V / 50...60 Hz
Ignition voltage / Work lamp voltage	5...20 kV / 95 V	5...20 kV / 95 V
Possibility of repeated ignition	after 15 min	after 15min
Operating temperature / humidity	-10...+50°C not more than 80%	-10...+50°C not more than 80%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart		
			4 m	5 m	6 m
Concentrated beam	49000 lm	Osram HMI 575 W SE	Ø 2 m	Ø 2,6 m	Ø 3,2 m
		Philips MSR 575 HR SE	1850 lux	1200 lux	830 lux
Non-concentrated beam	49000 lm	Osram HMI 575 W SE	15300 lux	9800 lux	6800 lux
		Philips MSR 575 HR SE	Ø 0,7 m	Ø 0,9 m	Ø 1,1 m

ARC-1200 (E)



HMI spotlight with a Fresnel lens. It is recommended to use as spot, flood and back light. It is convenient for illumination during location shooting though it is designed specially for cinema production.

Features:

- pure daylight;
- 5 times higher light out put than halogen sources;
- durable aluminum housing;
- protection against UV radiation;
- even light distribution;
- mesh grid;
- flicker free light output.

Default package includes:

Lighting fixture; 4-leaf barndoors; gel clips; yoke; mesh grid; 28 mm spigot male; built-in ballast (ARC-1200E) or magneto-electric ballast (ARC-1200); power supply cable; euro plug.

Specifications

ARC-1200 / ARC-1200E

Weight	9,1 kg	
Dimensions	520x480x360 mm	
Power consumption	1200 W	
Number of barndoors	4	
Lens diameter	175 mm	
Socket type	G 38	
Luminous flux	110000 lm	
The time of the establishment of the light flux	15 min	
Adjustment range	15:1	
Yoke mounting adapter	28 mm male	
Interchangeable lamps 5400K	Osram HMI 1200 W SE; Philips MSR 1200 HR SE	
Colour rendering index	> 90	
Ballast specifications	ARC-1200 Ballast	ARC-1200 Electronic Ballast
Ballast type	Built-in	Magneto-electric
Ballast weight	16,2 kg	7,5 kg
Ballast dimensions	374x180x266 mm	270x190x294 mm
Supply voltage	190...250 V / 50...60 Hz	190...250 V / 50...60 Hz
Lamp useful current	13,8 A	Not more than 13,8 A
Ignition voltage / Work lamp voltage	5...35 kV / 100 V	5...35 kV / 100 V
Possibility of repeated ignition	after 15 min	after 15min
Operating temperature / humidity	-10...+50°C not more than 80%	-10...+50°C not more than 80%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart		
			4 m	6 m	8 m
Concentrated beam	110000 lm	Osram HMI 1200 W SE	Ø 2,3 m	Ø 3,5 m	Ø 4,4 m
		Philips MSR 1200 HR SE	3120 lux	1380 lux	750 lux
Non-concentrated beam	110000 lm	Osram HMI 1200 W SE	47200 lux	20800 lux	12100 lux
		Philips MSR 1200 HR SE	Ø 0,6 m	Ø 0,9 m	Ø 1,1 m

ARC-2500 (E)



HMI spotlight with a Fresnel lens. It is recommended to use as spot, flood and back light. It is convenient for illumination during location shooting though it is designed specially for cinema production.

Features:

- pure daylight;
- 5 times higher light out put than halogen sources;
- durable aluminum housing;
- protection against UV radiation;
- even light distribution;
- mesh grid;
- flicker free light output.

Default package includes:

Lighting fixture; 4-leaf barndoors; gel clips; yoke; mesh grid; 28 mm spigot male; built-in ballast (ARC-2500E) or magneto-electric ballast (ARC-2500); power supply cable; euro plug.

Specifications

ARC-2500 / ARC-25200E		
Weight	15 kg	
Dimensions	520x480x360 mm	
Power consumption	2500 W	
Number of barndoors	4	
Lens diameter	250 mm	
Socket type	G 38	
Luminous flux	240000 lm	
The time of the establishment of the light flux	15 min	
Adjustment range	12:1	
Yoke mounting adapter	28 mm male	
Interchangeable lamps 5400K	Osram HMI 2500 W SE; Philips MSR 2500 HR SE	
Colour rendering index	> 90	
Ballast specifications	ARC-2500 Ballast	ARC-2500 Electronic Ballast
Ballast type	Built-in	Magneto-electric
Ballast weight	28 kg	14,5 kg
Ballast dimensions	374x180x344 mm	280x260x350 mm
Supply voltage	190...250 V / 50...60 Hz	190...250 V / 50...60 Hz
Lamp useful current	25,6 A	Not more than 25,6 A
Ignition voltage / Work lamp voltage	5...45 kV / 115 V	5...45 kV / 115 V
Possibility of repeated ignition	after 15 min	after 15min
Operating temperature / humidity	-10...+50°C not more than 80%	-10...+50°C not more than 80%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart		
			9 m	12 m	15 m
Concentrated beam	240000 lm	Osram HMI 2500 W SE	Ø 5 m	Ø 6,7 m	Ø 8 m
		Philips MSR 2500 HR SE	1550 lux	860 lux	550 lux
Non-concentrated beam	240000 lm	Osram HMI 2500 W SE	18500 lux	10500 lux	6650 lux
		Philips MSR 2500 HR SE	Ø 1,5 m	Ø 1,9 m	Ø 2,3 m

ARC-4000 (E)



HMI spotlight with a Fresnel lens. It is recommended to use as spot, flood and back light. It is convenient for illumination during ENG and location shooting though it is designed specially for cinema production.

Features:

- pure daylight;
- 5 times higher light output than halogen sources;
- durable aluminum housing;
- protection against UV radiation;
- even light distribution;
- mesh grid;
- flicker free light output.

Default package includes:

Lighting fixture; 4-leaf barn doors; gel clips; yoke; mesh grid; 28 mm spigot male; built-in ballast (ARC-4000E) or magneto-electric ballast (ARC-4000); power supply cable; euro plug.

Specifications		ARC-4000 / ARC-4000E
Weight		20,2 kg
Dimensions		530x530x425 mm
Power consumption		4000 W
Number of barn doors		4
Lens diameter		300 mm
Socket type		G 38
Luminous flux		380000 lm
The time of the establishment of the light flux		15 min
Adjustment range		12:1
Yoke mounting adapter		28 mm male
Interchangeable lamps 5400K		Osram HMI 4000 W SE; Philips MSR 4000 HR SE
Colour rendering index		> 90
Ballast specifications	ARC-4000 Ballast	ARC-4000 Electronic Ballast
Ballast type	Built-in	Magneto-electric
Ballast weight	28 kg	14,5 kg
Ballast dimensions	530x530x425 mm	520x420x630 mm
Supply voltage	190...250 V / 50...60 Hz	190...250 V / 50...60 Hz
Lamp useful current	24 A	Not more than 24 A
Ignition voltage / Work lamp voltage	5...60 kV / 200 V	5...60 kV / 200 V
Possibility of repeated ignition	after 15 min	after 15min
Operating temperature / humidity	-10...+50°C not more than 80%	-10...+50°C not more than 80%

	Luminous flux	Lamp type	Luminosity and light spot diameter depending on distance chart		
			10 m	15 m	20 m
Concentrated beam	380000 lm	Osram HMI 4000 W SE Philips MSR 4000 HR SE	Ø 5,8 m 1750 lux	Ø 8 m 780 lux	Ø 11 m 450 lux
Non-concentrated beam	380000 lm	Osram HMI 4000 W SE Philips MSR 4000 HR SE	22500 lux Ø 1,6 m	9500 lux Ø 2,3 m	5430 lux Ø 3 m

Summary ARC

Specifications	ARC-150	ARC-575 / ARC-575E
Weight	7,5 kg	7,6 kg
Dimensions	205x300x200 mm	340x290x240 mm
Power consumption	150 W	575 W
Number of barndoors	4	4
Lens diameter	150 mm	130 mm
Socket type	RX7s-24	G 22
Luminous flux	11000 lm	49000 lm
The time of the establishment of the light flux	15 min	15 min
Adjustment range	7:1	8:1
Yoke mounting adapter	16 mm female	28 mm male
Colour rendering index	-	> 90
Ballast type	Built-in / magneto-electric	Built-in / magneto-electric
Ballast weight	-	12,1 kg / 3,3 kg
Ballast dimensions	-	140x156x220 mm
Lamp useful current	1,8 A	7 A
Supply voltage / Ignition voltage / Work lamp voltage	200...240 V / 50...60 Hz / 4,5 kV / 85 V	190...250 V / 50...60 Hz / 5...20 kV / 95 V
Possibility of repeated ignition	after 15 min	after 15 min
Operating temperature / humidity	-10...+50°C not more than 80%	-10...+50°C not more than 80%
Standard accessories	ARC-150	ARC-575 / ARC-575E
Coffer	none	ARC-575 Case
Interchangeable lamps 3000K	Osram HQI-TS 150/WDL UVS	none
Interchangeable lamps 5200K...6000K	Osram HQI-TS 150/D UVS	Osram HMI 575W/SE
Compatibility with other equipment	ARC-150	ARC-575 / ARC-575E
Supports	LS-9/290 LS-9/260 LS-15/12**	**
Pantographs	PH-11/200**	**
Extensible fixtures	TH-10/95**	**
Film filters	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****

* Please look user manuals for using certain filter type in the manufacturers catalogs

** Please pay attention to load capacity and connecting elements when ordering supports, extensible fixtures or pantographs of other manufacturers

ARC-1200 / ARC-1200E	ARC-2500 / ARC-2500E	ARC-4000 / ARC-4000E
9,1 kg	15 kg	20,2 kg
520x480x360 mm	520x480x360 mm	530x530x425 mm
1200 W	2500 W	4000 W
4	4	4
175 mm	250 mm	300 mm
G 38	G 38	G 38
110000 lm	240000 lm	380000 lm
15 min	15 min	15 min
15:1	12:1	12:1
28 mm male	28 mm male	28 mm male
> 90	> 90	> 90
Built-in / magneto-electric	Built-in / magneto-electric	Built-in / magneto-electric
16,2 kg / 7,5 kg	28 kg / 14,5 kg	28 kg / 14,5 kg
374x180x266 mm	374x180x344 mm	530x530x425 mm
270x190x294 mm	280x260x350 mm	520x420x630 mm
13,8 A	25,6 A	24 A
190...250 V / 50...60 Hz / 5... 35 kV / 100 V	190...250 V / 50...60 Hz / 5...45 kV / 115 V	190...250 V / 50...60 Hz / 5...60 kV / 200 V
after 15 min	after 15 min	after 15 min
-10...+50°C not more than 80%	-10...+50°C not more than 80%	-10...+50°C not more than 80%
ARC-1200 / ARC-1200E	ARC-2500 / ARC-2500E	ARC-4000 / ARC-4000E
ARC-1200 Case	ARC-2500 Case	ARC-4000 Case
none	none	none
Osram HMI 575W/SE	Osram HMI 575W/SE	Osram HMI 575W/SE
ARC-1200 / ARC-1200E	ARC-2500 / ARC-2500E	ARC-4000 / ARC-4000E
**	**	**
**	**	**
**	**	**
Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****	Any Rosco, Lee, Cotech film filters *****



Control Systems

Frequently users face the necessity to regulate luminance of fixtures in wide enough limits. For the realisation of this requirement numerous control systems, both analogue, and digital were created. Among Analogue Control Systems the most common method of management is the method constant pressure 0 ... +10V. In this case, the operating inputs receive pressure in specified interval and depending on this pressure the luminance of the fixture is mounted, +10B correspond to the maximum luminance. From all digital control systems the greatest application in the tele-radio broadcasting industry is found in DMX-512.

These formats allow to operate a luminous flux both fluorescent, and halogen fixtures. However, both have their special requirements. When we speak of the management of halogen devices, the signal is sent to a special intermediate block called a dimmer. The dimmer forms a spotlight's supply to ensure the required luminance. When managing fluorescent light other things matter. In this case, as a rule of thumb, the operating signal is sent directly to the fixture and it is necessary to solve the problem of the interaction of this signal with the internal electronics of the fluorescent device.

First issue is the electronic ballast which controls the lamp's work is managed by the analogue format 0 ... +10V. For this reason, all digital and other analogue formats 0 ... +15V In, -10V ... 0 In, etc. should be transformed by the format described above 0 ... +10. Second issue is that the ballast sends the operating chain a small current — close 1mA. If the fixture is small (two-four lamps), there are a few ballast and usually all works well. However, when we deal with a big fixture, the quantity of ballasts increases and the current in the management chain can reach 5mA. The result is that with some control panels such fixtures cannot work properly. Therefore, it can appear that the panel works ideally with dimmers for halogen lanterns, but it is not good for managing fluorescent light.

Logocam's engineering team knows about this phenomenon, therefore, the analogue-to-digital panel CDA-12/24 ensures problemless work both with fluorescent, and with halogen lighting equipment. A distinctive feature of this panel is its simplicity. Often in the market you would see difficult multipurpose panels, which are irreplaceable for places of mass entertainment where it is necessary to create difficult, quickly mounting luminous effects (concert halls, discos, etc.). In television studios there usually is no necessity for it. However, when buying a complex, and, hence, expensive panel, you are forced to pay for all the functions which, most likely, you will never use. That is why Logocam has created a simple and reliable device, which is intended for work in television studios.

As to recommendations for the right choice of a control panel, it is useful to follow the next rule. If we are planning to assemble a small studio with a small quantity of equipment, nothing is better than analog. However, in a big studio with a considerable quantity of DMX lamps, this system allows to get rid of the web of wires created. If you wish to get rid of operating wires in general, you will certainly be helped by the WDMX system from Logocam. WDMX is an optimum tool of wireless management of the equipment under DMX protocol. Using the WDMX system it will be possible to assemble a lighting system in maximum speed and to organize the control of remote devices in conditions with difficult access to equipment, and devices which are located on moving objects.

For management of a luminous flux on exit shootings Logocam provides portable hand-held dimmers for halogen spotlights: the Fresnel 300 (Dimmer 300/220), and also fixtures OF-1000, D-Spot 1000 (Dimmer 1000/220). The devices Dimmer 1000/220 can be used in studio illumination for brightness control of fixtures BL-1000 and spotlights Fresnel 650 and Fresnel 1000. The brightness control Dimmer 100/12 is specially developed for work with Dedolight DLH-4 12 Volt lamps.

Logocam CDA 12/24



Professional analog-digital dimming console. CDA 12/24 controls the brightness of the studio luminaries. This model comes with analog control 0...+10V as well as with digital DMX-512 control. CDA 12/24 has 24 analog and 512 digital independent control channels.

W-DMX



All-purpose wireless DMX-512 control kit (transmitter/receiver). It is possible to use up to 10 pairs of transmitters/receivers in one premise.

Dimmer 100/12



Single channel cable dimmer unit. Dimmer 100/12 controls the luminaries with 12V supply voltage and with up to 100W power output. The unit can be powered from AC mains supply (220V). The adjustment range is from 0 up to 100%.

Dimmer 300/220



All-purpose single channel cable dimmer unit. The unit is powered from AC mains supply (220V) directly. Dimmer 300/220 controls the brightness level of any halogen spotlights with up to 300W power output. The adjustment range is from 0 up to 100%.

Dimmer 1000/220

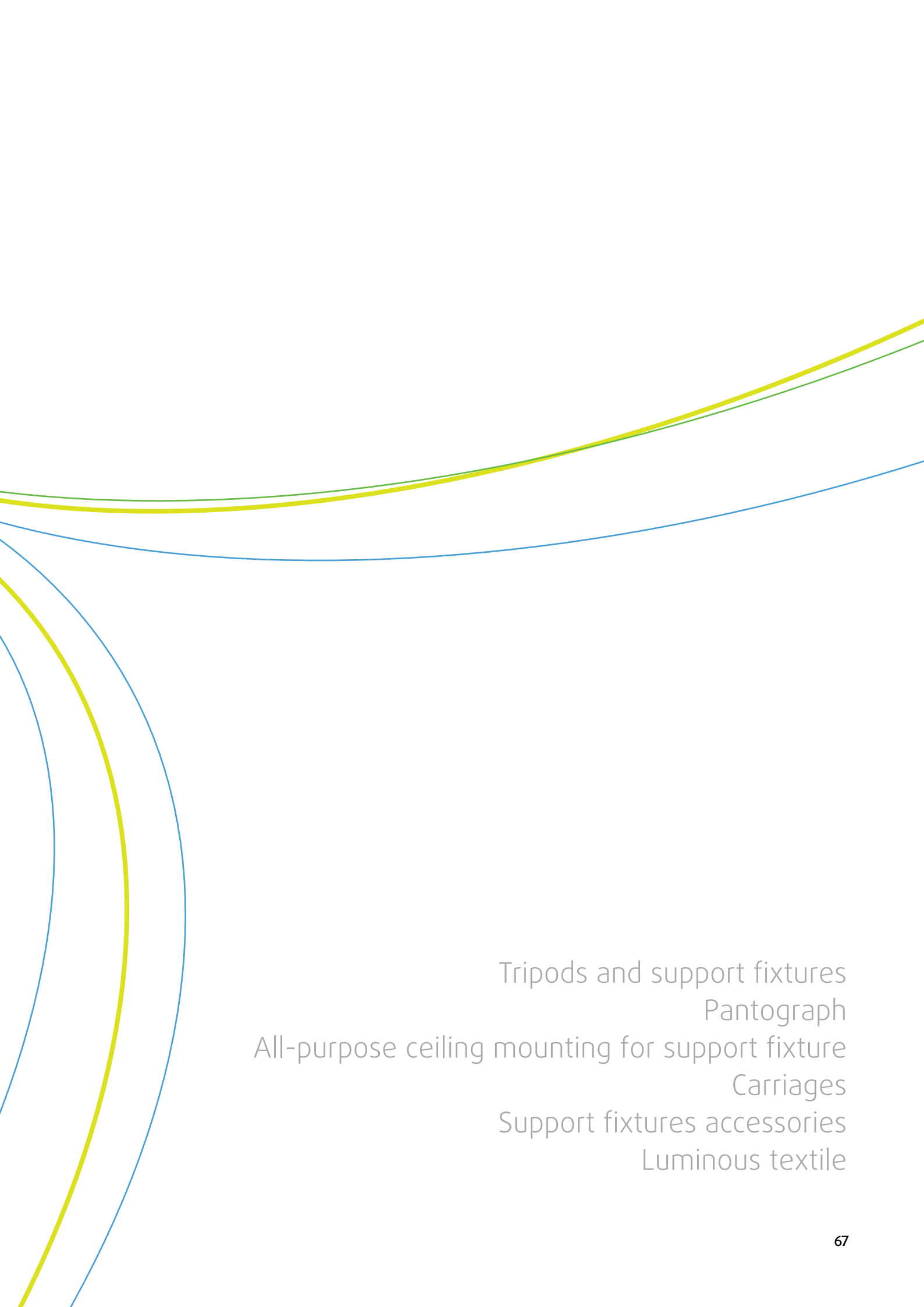


All-purpose single channel cable dimmer unit. The unit is powered from AC mains supply (220V) directly. Dimmer 1000/220 controls the brightness level of any halogen spotlights with up to 1000W power output. The adjustment range is from 0 up to 100%.

	CDA-12/24	W-DMX	Dimmer 100/12	Dimmer 300/220	Dimmer 1000/220
Control protocol	DMX512 / 0...+10 V	DMX512	analog	analog	analog
Connector type	DB-25/XLR 5pin	XLR 5pin	XLR 3pin "female"	Euro plug	Euro plug
Power supply	200...230 B / 50 Hz	12 V	200...230 V / 50 Hz	200...230 V / 50 Hz	200...230 V / 50 Hz
Power consumption	10 W	5 W	1...5 W	1...5 W	1...5 W
Number of channels	12/24 (analog) / 512 (DMX)	512 (DMX)	1	1	1
Master adjustment	supported	none	none	none	none
«Flash»	supported	none	none	none	none
Simultaneous luminaries switch off	supported	none	none	none	none
Dimensions (length x width x height)	482 x 176 x 96 mm	150 x 130 x 40 mm	110 x 70 x 35 mm	101 x 65 x 27 mm	130 x 68 x 43 mm
Weight	4 kg	0,375 kg	0,3 kg	0,3 kg	0,3 kg
Operating temperature and humidity	0...+50°C, 0...95%	0...+50°C, 0...95%	0...+50°C, 0...95%	0...+50°C, 0...95%	0...+50°C, 0...95%
Max load	-	-	100 W	0...300 W	300...1000 W
Output voltage	0...+10 V	-	12 V	220 V	220 V

Accessories

A decorative graphic consisting of several curved lines in blue, yellow, and green, flowing from the top right towards the bottom left, framing the page content.



Tripods and support fixtures
Pantograph
All-purpose ceiling mounting for support fixture
Carriages
Support fixtures accessories
Luminous textile

All-purpose ceiling mounting for support fixture



WP-300

Load capacity	15 kg
Mounting adapters	16F
Weight	0,35 kg
Dimensions	8x8x6 cm

Carriages



	3229-SCB	3235-DCB	3720-CCB	3226-CCB
Function	rail-to-device	rail-to-rail	rail-to-cable	rail-to-background
Rail mounting	IFF type 60	IFF type 60	IFF type 60	IFF type 60
Number of stoppers	1	2	-	-
Weight	0,35 kg	0,68 kg	0,11 kg	0,135 kg
Load capacity	40 kg	80 kg		20 kg
Mounting adapter	16 M	-	-	-

Tripods and support fixtures



	LS-15/12	LS-3/100	LS-3/240	LS-9/260	LS-9/290	TH-10/95	TH-5/180
	tripod	tripod	tripod	tripod	tripod	support fixture	support fixture
Number of sections	-	3	4	3	3	3	3
Number of clamps	-	2	3	3	3	2	2
Column tubes diameter	-	22, 19, 16 mm	25, 22, 19, 16 mm	35, 31,5, 28 mm	35, 31,5, 28 mm	22,19,16 mm	24, 20, 16,5 mm
Legs tubes diameter	steel plate	steel plate	19 mm	25 mm	25 mm	-	-
Minimal height	12 cm	50 cm	77 cm	108 cm	119 cm	44 cm	87 cm
Maximum height	12 cm	102 cm	240 cm	258 cm	284 cm	95 cm	180 cm
Length in closed state	34 cm	48 cm	68 cm	95 cm	104 cm	44 cm	87 cm
Weight	1,25 kg	1,5 kg	1,1 kg	2,0 kg	2,1 kg	0,4 kg	0,75 kg
Load capacity	15 kg	2,7 kg	2,7 kg	9 kg	9 kg	>5kg	>5 kg
Legs span	48 cm	48 cm	90 cm	130 cm	130 cm	-	-
Pneumo shock-absorber	-	-	-	available	available	-	-
Mounting adapters	16F	16M+1/4" male 16M+3/8" male	16M+1/4" male	16F 16M+1/4" male 16M+3/8" male	16F 16M+1/4" male 16M+3/8" male	16M+1/4" male 16M+3/8" male	16M+1/4" male 16M+3/8" male

Pantograph



PH-11/200

Minimal height	40 cm
Maximum height	200 cm
Load capacity	Adjustable 2-11 kg
Mounting adapters	16F
Weight	4,5 kg
Dimensions	33x40x10 cm

All-purpose spigot adapters



013S



014S



015S

Weight	0,07 kg	0,2 kg	0,14 kg
Mounting adapter	16M + 1/4" male 16M + 3/8" male	16F	16F

Cramps



CL1050

CL1575

Weight	0,41 kg	0,47 kg
Operation range	10...50 mm	15...35 mm
Load capacity	40 kg	15 kg
Mounting adapter	16M (1/4" male)	16F (1/4" female)

Multi arms



MA2



MA3

Weight	1,05 kg	1,45 kg
Load capacity	3,5 kg	2,3 kg
Number of sections	2	3
Mounting adapters	16F, 16F	16F, 16F

Extenders

**ER-1530**

	16 mm
Weight	0,12 kg
Load capacity	10 kg
Mounting adapters	16M + 1/4" male 16M + 3/8" male

**203S**

mini
0,2 kg
16M (hexagonal) 16M + 1/4" male 16M + 3/8" male

Triple-cored power supply cable extenders

**IEC(M)-IEC(F)/1,8**

Connectors	IEC male – IEC female
Length	1,8 m
Cable	LOGOCAM AC220/3x0,75

**Euro Plug-IEC(F)/1,8**

Euro Plug – IEC female
1,8 m
LOGOCAM AC220/3x0,75

Signal cables

**DMX110-02**

Number of cores	Double-cored
Structure	(7x0,20 mm) (0,22 mm ²)
Isolation	PVC, foamed isolator
Conductor	tinned copper-vein
Shielded	twisted aluminum
Outer diameter	4,3 mm

**AC220/3x0,75**

Triple-cored
(42x0,15 mm) (0,75 mm ²)
PVC, foamed isolator
braided cable conductor copper-vein
7,2 mm

Umbrella adapters



LK-TS

umbrella adapter

Weight	0,42 kg
Load capacity	10 kg
Mounting adapters	16F, 16F



015S

umbrella adapter

Weight	0,07 kg
Load capacity	1 kg
Mounting adapters	1/4" male, 1/4" female

Measuring equipment



DM-1

Ultrasonic distance measuring device

Measuring range	1...18 m
Measuring accuracy	+/-1%
Power supply	9V battery pack
Operating temperature	0...+45 C
Weight	0,23 kg



LM-103

Digital luxmeter

Measuring range	0...50000 lux
Measuring accuracy	+/-5%
Power supply	9V battery pack
Operating temperature	0...+50 C
Weight	0,2 kg

CR series reflectors kit



Round shaped. 5-in-One.

Reflecting surfaces color: white, black, gold, silver, white semi-transparent

	Unfolded	Folded
Logocam CR30X5	30 cm	15 cm
Logocam CR50X5	56 cm	20 cm
Logocam CR80X5	82 cm	30 cm
Logocam CR100X5	107 cm	40 cm

RR series reflectors kit

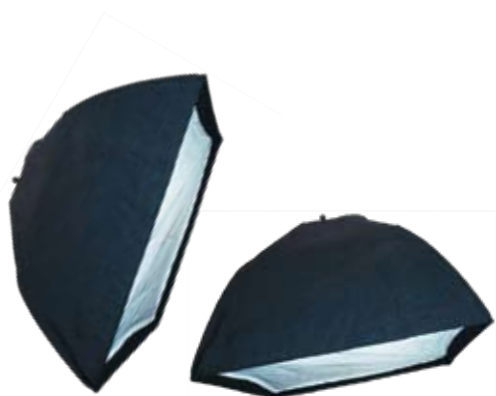


Rectangular shaped. 5-in-One.

Reflecting surfaces color: white, black, gold, silver, white semi-transparent

	Unfolded	Folded
Logocam RR7011X5	71x112 cm	38 cm
Logocam RR9012X5	92x122 cm	43 cm
Logocam RR1016X5	102x168 cm	51 cm

Soft box SB-66



Soft box for D-Spot 1000 luminaire. Default package includes mounting adapter ring. (Also compatible with ianiro Varibeam, Cosmolight RC 80F/RC 100F).

All-purpose reflectors and diffusers mounting



It is used for mounting reflectors and diffusers on the ceiling or to the wall.

Telescopic 3-sections mounting.

	DL705B	DL700B
Weight	0,65 kg	0,57 kg
Operation range	63...170 cm	30...115 cm
Mounting adapter	mounting on pipes 19/22/25/28 mm	+16F

Umbrellas



Reflective double-sided (reversible).

Reflecting surfaces color: white, silver.

Logocam U80SW	80 cm
Logocam U120SW	122 cm

Color: white semi-transparent:

Logocam U80T	80 cm
Logocam U120T	122 cm

ENG reflectors kit

R-KIT

- Logocam RR7011X5 5-in-One reflectors kit – 1 pcs.;
- DL705B – all purpose reflectors and diffusers mounting adapter – 1 pcs.;
- LS-3/240 tripod – 1 pcs.;
- WB-15 bag – 1 pcs.

RD-KIT

- Logocam RR7011X5 5-in-One reflectors kit – 1 pcs.;
- DL705B – all purpose reflectors and diffusers mounting adapter – 1 pcs.;
- softbox – 1 pcs.;
- LS-3/240 tripod – 1 pcs.;
- WB-15 bag – 1 pcs.

U-KIT

- LK-TS umbrellaadapter – 1 pcs.;
- Logocam U120SW reversible umbrella – 1 pcs.;
- Logocam U80T white semi-transparent umbrella – 1 pcs.;
- LS-3/240 tripod – 1 pcs.;
- WB-15 bag – 1 pcs.

Good advice on planning and creation of Lighting Studio

Written below is a list of decisions and actions which need to be made and undertaken for the creation of a lighting studio. The goal of this section is to help the user (who is not a professional in the field of illumination) to understand the bases of posed lighting, to plan a basic studio, (1-3 motionless objects, 1-2 cameras with a fixed position, light sources in one semispace in relation to the scene being shot) or to correctly describe the task for a professional (if a more complex solutions is required).

1. DEFINING THE TYPE OF SHOW

What type of show will be shot?

E.g: news, weather forecasts, round tables, a talk-show, etc.

2. DEFINING THE LIGHTING CONCEPT

What kind of mood is this show supposed to create? How should lighting help in achieving this effect?

E.g, brightly shined platform in the studio centre where the action takes place, with heavy shadows on the periphery of the scene and slightly unblanked subjects on the back background creating shades (work without chroma key) will create an extremely dramatic atmosphere.

3. DEFINING TECHNICAL PARAMETRES OF WORK

Consider the working conditions in the studios influencing the lighting

How many cameras will work, how many the person will participate in the show, whether there will be cameras and objects of shooting move, how will the commercial breaks work, what type of shots will be shot, whether there will be a camera crane in the studio and etc.

4. DEFINING THE PHYSICAL PARAMETRES OF A STUDIO

Gauge the parameters and to co-ordinate the adjacent questions with the people representing the other technical services of the broadcasting company.

Total area, the prospective shined area, presence of windows, colour and texture of walls, necessity to use chroma key, electric system parametres in studios, parametres of system of ventilation and air-conditioning in studios, the location of objects being shot and cameras, necessity of use of the camera crane, prospective routes when moving the objects of shooting, cameras and etc.

5. DEFINING THE TECHNICAL REQUIREMENTS OF ILLUMINATION

After gathering the information from the questions above (1-4) we will now define the parametres of the lighting studio we are about to create.

a. Required level of illumination of a working zone, a background, objects of shooting.

Depending on parametres of the camera, use of an extender, optical lenses and filters, a working range of aperture numbers (for work with depth of field).

b. Working Colour Temperature.

3200K or 5400K — both options are possible, though in studios 3200K is usually used, depending on the choice of the luminous concept (required mood). When choosing a lighting temperature it is necessary to take into consideration: the presence of windows in studios, presence of previously purchased fixtures in the studio and their colour temperature and presence of optical filters for work with either colour temperature.

c. Brightness Control Option

The fixed brightness (ON/OFF), analogue management 0 ... +10V, digital control DMX512. At first you need to determine whether there will be brightness control or not. The biggest advantage of this system is ease of adjustment regulation of brightness of illumination in different scenes. A main disadvantage is a higher cost. In compares to the analog, the digital management protocol gives us the option to considerably reduce the quantity of signal lines however, has a higher cost. The application of a digital standard DMX512 makes sense when building a studio with a considerable amount of fixtures (or when the increase in their quantity in the future is planned).

d. Working Height — Method of installation and mounting lighting fixtures:

The working height depends on ceiling height, the task at hand and the installation method used.

Two basic options are often used: mount installation and mounting. Installation on mounts is used when shooting outside of a studio or in a studio when you can't use a mounting system. A Mount is selected calculating the weight of the luminaire and the required mounting height. In a studio, mounting is usually more convenient.

To create a mounting system, two types of equipment is used: luminous armature (rails, beams, fastening elements, e.g. arms, clips, carriages etc. and mounting devices such as: pantographs, telescopic hangers, clamps and etc.).

Mountingsystems: pantographs (rails), telescopic mounters and carriages, can have a management option (mechanical by means of a pole or electric by means of a special panel).

e. Limitations on the total power consumption of fixtures

Mounted depending on the capabilities of the studio electric system. Keep in mind that there is not only luminous but also other kinds equipment participating in shooting in a studio. It is recommended to allocate a separate contour of supply for the lighting equipment.

f. Limitations on the total allocated thermal energy of fixtures

Recommended to address the A/C experts for detailed information on thermal mode of the studio and inquire regarding the cost of additional cooling systems.

6. CREATING A LIGHT STUDIO

a. How to arrange Draw Light

The primary goal of draw light is simulating the sunlight, therefore, the rigid light of a spotlight is usually used. In some cases, a soft light (fluorescent) can be used. In that case, it is necessary to use honeycomb grids for the angular limiting of a luminous bunch. Draw light gives the basic part of illuminance directly on the objects of shooting and creates an image depth using shadow. It is normally placed in front of an object under a 30-60 ° corner and 45-60 ° sideways upwards from a face-to-face direction. The placement sideways is caused by the need to create an illusion of depth of the image (at illumination from a face-to-face direction the picture would be «flat»). Displacement upwards is normally caused by the necessity to hide from a viewing field the sharp shades behind object (though for the decision of some creative problems it could require, on the contrary, the use of shades as expressive means and position of draw light should be chosen in another way). The width of a bunch of each source of draw is chosen depending on what objects the source needs to light and from what flare lights it could create. The distance from the draw fixture to the object is defined by required illuminance of the object, the capacity of a spotlight, chosen width of a bunch and the use of light filters.

If a few cameras are used, it is better to make an adjustment for each camera on a close up. If in there will be a few objects in the shot, on each of them it is necessary to direct a separate draw fixture, and the same time, using blinds, we should restrict the light from illuminating the rest of the objects. If this is impossible, it is necessary to create a situation where the light falls on the objects in parallel. It is normally desirable to have the option of managing the luminance of draw fixtures. The illumination level created by draw light should be in a range of 30-50% from the general set illuminance of a scene.

b. Choosing and Arranging Flood Light

Flood light is normally mounted after the draw. The primary goals of a flood light is to smooth unaesthetic sharp shades which are formed from the draw light and to ensure uniform illumination of the area of shooting in order to achieve balanced general plans.

Ideally, the flood light should not give out shades; therefore, the basic requirement is a maximal softness of light. As a flood light it is recommended to use fluorescent fixtures (halogen spotlights, if used as flood, are better used with a softbox). At the same time, it is necessary to avoid flare lights which can appear in the background or camera (in case of work with fluorescent light it is necessary to apply honeycomb grids, and when working with a halogen fixture and softbox this problem can have no solution). Very important to pay attention to the illumination level of the entire area of shooting and make sure it is approximately uniform or if it varies then in regular intervals.

Flood fixtures are usually placed before the object under an angle of 45-90° upwards from a face-to-face direction or directly before the object so that the flood light falls under an angle of approximately 90° relatively to the draw light. The distance between the flood fixtures to the object is defined by the required illuminance of the object, capacity of fixtures, degree of overlapping of their luminous stains and use of light filters. It is not recommended to place the flood light behind the object. The illumination level created by draw light should be in a range of 70-80% from the general set illuminance of the scene.

c. Choosing and Arranging Contour Light

Contour Light is intended for a visual detachment of shot objects from the background and should create for this purpose an illumination level of 1,5 – 2 times bigger than the illuminance shooting area and the background illumination. Usually riding light is used as contour (normally a spotlight with blinds for the careful control of a luminous bunch). If the object being shot is a person the contour light can underline the texture of hair and clothes.

Contour light is placed behind the object. If shooting is made by one or two motionless cameras you can place the contour light right behind the object at the same height or even lower. Such an arrangement gives an especially distinct effect of a light aura around the perimeter of the object. However, due to the specific location of the of the contour light, the most important problem at its installation is how not to create a counter flare in the working camera. Therefore, when it is possible to move the cameras or the object of shooting, it is necessary to place the contour light under an angle of 30-60° sideways and 45-60° upwards or, 30-60° downwards from the shooting direction. These conditions should be met for each fixture of contour light in relation to each camera. It is necessary to make sure that the sharp shades created by the contour light do not penetrate the shooting area. The distance from the contour fixture light to the object is normally defined by the depth of space behind the object.

If the shoot has a few objects, it is necessary to direct a contour light fixture on each of them, using blinds you should make sure that no light will fall on other object. The illumination level created by contour light should be in a range of 150-200% from the general set illuminance of a scene.

d. Choosing and Arranging Back Light

Back light is mounted first or last. It is used for a background auxiliary illumination. If when installing draw or flood light the background is not illuminated it is possible to achieve an expressive art effect using back light. It is usually desirable to have the possibility of managing the luminance of background fixtures and possibility of using effective light filters with them.

Back light is normally placed behind an object, from above on mounts, or below on small mounts and directed on the background. The quantity, arrangement of fixtures and distance from a background is selected so to achieve the required background illumination, taking into account the capacity of fixtures, degree of overlapping of their luminous stains and the use of light filters.

The illumination level created by the back light varies the most. In case of chroma key use the light should be in a range of 30-70% from the general set illuminance of a scene, and depends on the colour of the background. In a case of a decorative background this level is defined only by the creative task of the light artist.

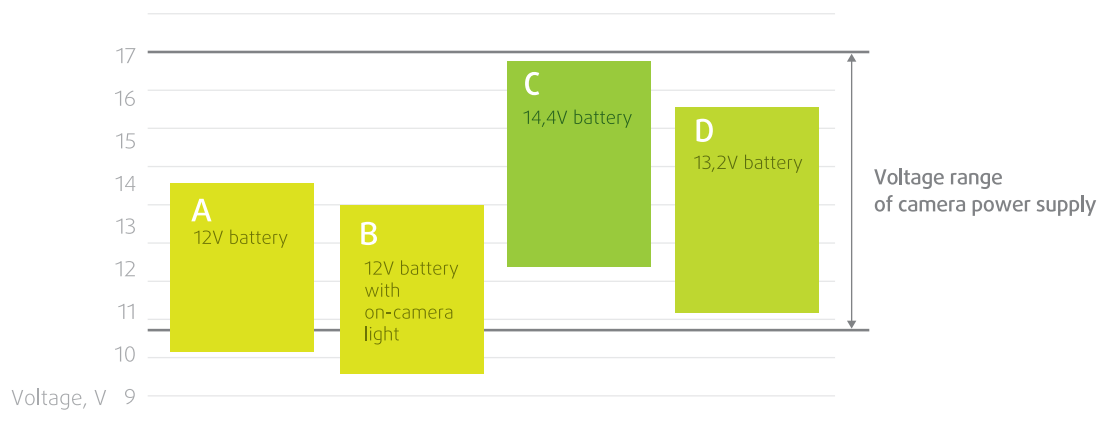
About batteries

One of the most known myths among the users of rechargeable batteries is a legend about the memory effect of nickel-cadmium and nickel-metal-hydride batteries (NiCd and NiMH). The popularity of this myth plays into the hands of unfair manufacturers; those who periodically declare about the development of unique technologies which allow to get rid of this effect, which continues to exist in the batteries of other manufacturers. Let us try and untangle the ball of ambiguities and mistakes created by this myth:

The memory effect has been first discovered by NASA technicians, in the course of satellite tracking. When the satellite got into the shaded area, onboard nickel-cadmium batteries were

supplying power below the discharge level. From this point on, the proliferation of rumors about a memory effect of rechargeable batteries has begun.

In the video industry the memory effect described above becomes apparent only in one case: when 12 V batteries are used as power supplies for cameras. The reason being is that the operating range of such battery is from 10 to 14 V. Most of the video cameras turn off automatically if the battery's voltage falls below 10.5-11 V (fig. 1A). Thus, the batteries with rated voltage 12 V constantly not discharged completely (but to the same fixed level). The situation becomes worse if the camera is used together with light. In this case, because of the



charged; then, when the satellite passed into the shaded part of an orbit, the batteries were partially discharged while providing power to equipment. After a large number of cycles of partial discharge to a certain fixed level, it was found that the batteries stopped

battery's internal resistance, even a smaller part of the reserved power in the battery is used (fig. 1B).

So, if you used a battery with a rated voltage 12 V in a video camera, the prerequisites for the process of memory effect are created; therefore, before charging this kind of batteries it is recommended to preliminary discharge them. However, there is a wide lineup of batteries with rated voltage 13.2 V and 14.4 V (fig. 1C, 1D). The operating voltage of these batteries falls into the voltage range

of camera's power supply, and the charge of batteries is consumed completely. Quite often the operator switches off the camera before the battery will be discharged completely, it is impossible to imagine a situation when tens of cycles of operation, one after the other, where the battery will be discharged to the same level. Therefore, there is no way for the phenomenon of memory effect to be created when rechargeable batteries with rated voltage 13.2 V and 14.4 V are used.

Many users may doubt what was written above, because according to their experience the batteries go out of business, sometimes too soon. There are several reasons to that, but they have no relation to the notorious memory effect. The most important factor affecting the lifetime of rechargeable batteries in the conditions.

Sales practice indicates that a number of recalls for batteries sold in fall exceeds the number of recalls for batteries sold in spring by several times. Serious western manufacturers are traditionally orientated towards the big European, Japanese and American markets. The climate in these regions is softer; therefore, batteries fail earlier than the manufacturer promises. There are not many ways to solve this problem due of the tendency of rechargeable batteries' chemical formula to sharply lose capacity when operating in extreme cold. No manufacturer has any advantage/disadvantage over this process; all of them are hostages of fundamental chemical processes and they can't do anything about it.

Various warming cases for batteries that are usually offered by manufacturers as a solution cannot drastically change the situation; at air temperatures below -10°C all these become useless. The only advice which could be given by all the manufacturers is to keep the batteries in a warm place, to connect them to the camera just before the shooting and to never charge them when they are cold. Users know, however, that often it is extremely inconvenient to follow these advices and they are

usually neglected; that inevitably leads to a performance degradation of the rechargeable batteries.

The situation is a little improved when using the 14.4 V (especially lithium-ion) batteries. They are a little bit less prone to the influence of the destructive cold. It is necessary to keep in mind another mythological animal: a quantity of operating cycles. For starts, there is no standard procedure for the determination of this factor. Some experts consider that the battery fails when its capacity falls under 80% from its initial value and specify usually about 500 recharge cycles. Others declare that the battery should be utilized when its capacity falls under 70% from nominal, and specify 1000 cycles. However, these values only work in ideal operating conditions and it is easy to guess that the winter cold eliminates all of these approaches. According to experience, any battery from any manufacturer can only outlast a year of intensive usage. As it was mentioned above, there unfortunately nothing that can be done about that.

So what conclusions can we make? First, that for it makes sense to use batteries with rated voltage 13.2 V and 14.4 V for cameras; because they are capable of giving back all the accumulated charge. Secondly, that there is no reason to take the "special technologies" which allow for eliminating memory effect seriously because usually this effect does not develop by itself. Third is that there is no sense focusing attention on things like the quantity of recharge cycles, at least because a standard procedure for the determination of this factor does not even exist.



Chargers

LOGOCAM (CH104-AP, CH104-VP)



Supply voltage	90...240 V / 47-63 Hz
Charging rate	3 A
Dimensions (length x width x height)	231x141x104 mm
Weight	2,7 kg
Operating temperature range	-10°C ...+35°C

Four-channel simultaneous chargers Logocam CH104-AP / CH104-VP are intended for a charge of 4 rechargeable batteries with mounting platform of Gold Mount / V-Lock type. It is possible to use the chargers for servicing lithium-ion batteries with rated voltage 14.4 V. These devices can be used as a power supply with a voltage 15 V / 4 A. The devices allow automatic charging, and also they have mode indication "charging / end of charge". Logocam CH104-AP / CH104-VP have built-in protection against overcharge of the battery.

LOGOCAM CL-101S



Supply voltage	100...240 V / 50-60 Hz
Charging rate	0,75 A
Dimensions (length x width x height)	92x67x35 mm
Weight	0,12 kg
Operating temperature range	0°C ...+45°C

Single-channel charger Logocam CL-101S is intended for charge Li-Ion batteries with rated voltage 7.2 V. Original construction with a set of replaceable mounting platforms provides compatibility with a lineup of Logocam UPL series batteries, Sony Infolithium M and L series, Canon BP-941/945, Panasonic CGA, CGP, CGR series. Also it can charge Li-Ion batteries with rated voltage 7.2 V of JVC, Hitachi, Sanyo and Samsung.

Approximate time of charging of Logocam UPL-24/31/40/43/47/64 batteries is 4 ... 6/7 ... 9/8 ... 10 hours. Integrated system of control and indications, and built-in protection against short circuit failure and overcharge allow automatic charging of batteries. The charger is equipped with a contrast digital display.

LOGOCAM CS-160 (X)



Supply voltage	180...240 V / 50-60 Hz
Charging rate	3 A
Dimensions (length x width x height)	130x68x43 mm
Weight	0,32 kg
Operating temperature range	+5°C ...+40°C

Automatic intelligent charger Logocam CS-160 (X) is intended for charging of one lead-acid battery (SLA) with rated voltage 12 V and capacity 2 ... 9 Ah. The charger provides a reliable double-stage charge and turns off automatically at reaching of full battery charge. The device is designed specially for work in heavy-duty conditions and has the heightened protection against instability of a power supply. The device is produced with XLR 4pin «male» connectors.



Rechargeable batteries

Rechargeable batteries for miniDV

Using the Li-Ion chemical formula in a series of rechargeable batteries for miniDV allows receiving more than double advantage in capacity in comparison with Ni-Cd technology and, allows operating at low temperatures. The special built-in electronic cycle control system (Elinside™) provides an optimum load distribution and protection against overshoot of allowable values of operational parameters.

LOGOCAM UPL-40

UPL-40 is a lithium-ion battery pack specially designed for professional video camcorders Sony DSR-PD100P/150P/170P, DCR-VX2000/2100, DCR-TRV900 and wide range of compact digital cameras. It could be used in all applications to replace Sony Infolithium L batteries: NP-F960/950/750. It has a special Protection Circuit Module (PCM) to prevent inappropriate performance.



Cells chemistry	Li-Ion
Supply voltage	7,2 V
Capacity	40 Wh (5,6 Ah)
Recommended charging rate	Not more than 1 A
Max load	25 W
Dimensions (length x width x height)	70x38x58 mm
Weight	0,29 kg
Safe temperature range (charge/ discharge)	0...+45°C / -20...+60°C
Safe temperature range (storage)	-20°C ...+45°C

LOGOCAM UPL-43

UPL-43 is a lithium-ion battery pack specially designed for professional video camcorders Canon DM-XL, DM- XM2, DM-XL2, XLH1. It could be used in all applications to replace Canon batteries BP-927/930/941/945 types. It has a special Protection Circuit Module (PCM) to prevent inappropriate performance.



Cells chemistry	Li-Ion
Supply voltage	7,2 V
Capacity	43 Wh (6 Ah)
Recommended charging rate	Not more than 1 A
Max load	30 W
Dimensions (length x width x height)	72x40x59 mm
Weight	0,32 kg
Safe temperature range (charge/ discharge)	0...+45°C / -20...+60°C
Safe temperature range (storage)	-20°C ...+45°C

Logocam UPL-47

UPL-47 is a lithium-ion battery pack specially designed for professional video camcorders Sony HVR-Z1E, Sony HDR-FX1. It could be used in all applications to replace Sony batteries Sony NP-F970 types. It has a special Protection Circuit Module (PCM) to prevent inappropriate performance.



Cells chemistry	Li-Ion
Supply voltage	7,2 V
Capacity	47 Wh
Recommended charging rate	Not more than 1 A
Max load	30 W
Dimensions (length x width x height)	70x38x60 mm
Weight	0,28 kg
Safe temperature range (charge/ discharge)	0...+45°C / -20...+60°C
Safe temperature range (storage)	-20°C ...+45°C

Logocam UPL-48

UPL-48 is a lithium-ion battery pack specially designed for professional video camcorders Panasonic AG-DVX100, PV-DV952, PV-GS15, PV-DV602, NVDA1B, DZ-MV200A. It could be used in all applications to replace Panasonic CGA-D54 types. It has a special Protection Circuit Module (PCM) to prevent inappropriate performance.



Cells chemistry	Li-Ion
Supply voltage	7,2 V
Capacity	47 Wh
Recommended charging rate	Not more than 3500 mA
Dimensions (length x width x height)	74x36x67 mm
Weight	0,295 k
Safe temperature range (charge/ discharge)	0...+45°C/ -20°C ...+60°C
Safe temperature range (storage)	-20°C ...+45°C

LOGOCAM UPL-64

UPL-64 is a lithium-ion battery pack specially designed for popular HDV video camcorders JVC GY-HD 100/101/110/111. It could be used in all applications to replace JVC batteries BN-V428 и BN-V438. It has a special Protection Circuit Module (PCM) to prevent inappropriate performance.



Cells chemistry	Li-Ion
Supply voltage	7,2 V
Capacity	64 Wh
Recommended charging rate	Not more than 1 A
Max load	35 W
Dimensions (length x width x height)	92x36x67 mm
Weight	0,385 kg
Safe temperature range (charge/ discharge)	0...+45°C / -20...+60°C
Safe temperature range (storage)	-20°C ...+45°C

Rechargeable battery of NP-type

Using the Li-Ion chemical formula in a series of NP-type rechargeable batteries allows receiving more than double advantage in capacity in comparison with Ni-Cd technology and, provides reliable operation of battery at low temperatures. LED display indicates the battery condition. The special built-in electronic cycle control system (Elinside™) provides an optimum load distribution and protection against overshoot of allowable values of operational parameters.

LOGOCAM NP-50L



Logocam NP-50L is a lithium-ion (Li-Ion) NP-type rechargeable battery with rated voltage 14.4 V and capacity 50 Wh. It can be used instead of rechargeable batteries IDX-NPL46/NPL50. Compatibility with chargers for Li-Ion batteries of IDX companies (JL-2Plus), Logocam CH-103, etc. is provided.

Cells chemistry	Li-Ion
Supply voltage	14,4 V
Capacity	50 Wh (3,5 Ah)
Recommended charging rate	Not more than 1,8 A
Max load	35 W
Dimensions (length x width x height)	183x71x26 mm
Weight	0,43 kg
Safe temperature range (charge/ discharge)	0...+45°C / -20...+45°C
Safe temperature range (storage)	-25°C ...+45°C

Rechargeable batteries with V-lock mounting

Using the Li-Ion chemical formula in a series of V-Pack rechargeable batteries allows receiving more than double advantage in capacity in comparison with Ni-Cd technology, complete eliminating of memory effect, i.e. to exclude necessity to discharge the battery preliminary before next charging and, allows operating at low temperatures. Heightened, in comparison with batteries of other type, the rated voltage 14.4 V allows using practically full charge accumulated in the battery; that increases battery's coefficient of efficiency. Batteries have mounting of V-Lock type. The special built-in electronic cycle control system (Elinside™) provides an optimum load distribution and protection against overshoot of allowable values of operational parameters.

Logocam V-Pack 70L



The LOGOCAM V-Pack 70L battery is a Li-Ion battery with nominal voltage 14.4V and nominal power 70Wh. The battery is specially designed for professional video camcorders SONY DSR-250/300/370/390/400/450/500/570 and all the others with V-lock. It also can be a substitute for batteries SONY BP-L40/L40A/L60/L60A/L90/L90A and IDX Endura Li-Ion Batteries E-50/50S/80S, E-7/7S/10/10S.

Cells chemistry	Li-Ion
Supply voltage	14,4 V
Capacity	70 Wh (4,8 Ah)
Recommended charging rate	Not more than 2,5 A
Max load	50 W
Dimensions (length x width x height)	140x84x47 mm
Weight	0,45 kg
Safe temperature range (charge/discharge)	0...+45°C / -20...+60°C
Safe temperature range (storage)	-20°C ...+45°C

Logocam V-Pack 90L



The LOGOCAM V-Pack 90L battery is a Li-Ion battery with nominal voltage 14,4V and nominal power 90Wh. The battery is specially designed for professional video camcorders SONY DSR-250/300/370/390/400/450/500/570 and all the others with V-lock. It also can be a substitute for batteries SONY BP-L40/L40A/L60/L60A/L90/L90A and IDX Endura Li-Ion Batteries E-50/50S/80S, E-7/7S/10/10S.

Cells chemistry	Li-Ion
Supply voltage	14,4 V
Capacity	90 Wh (6,25 Ah)
Recommended charging rate	Not more than 3 A
Max load	50 W
Dimensions (length x width x height)	149x85x49 mm
Weight	0,69 kg
Safe temperature range (charge/ discharge)	0...+45°C / -20...+45°C
Safe temperature range (storage)	-20°C ...+60°C

Logocam V-Pack 130L



The LOGOCAM V-Pack 130L battery is a Li-Ion battery with nominal voltage 14,4V and nominal power 130Wh. The battery is specially designed for professional video camcorders SONY DSR-250/300/370/390/400/450/500/570 and all the others with V-lock. It also can be a substitute for batteries SONY BP-L40/L40A/L60/L60A/L90/L90A and IDX Endura Li-Ion Batteries E-50/50S/80S, E-7/7S/10/10S.

Cells chemistry	Li-Ion
Supply voltage	14,4 V
Capacity	130 Wh (9,0 Ah)
Recommended charging rate	Not more than 3,5 A
Max load	75 W
Dimensions (length x width x height)	142x85x64 mm
Weight	0,89 kg
Safe temperature range (charge/ discharge)	0...+45°C / -20...+60°C
Safe temperature range (storage)	-20°C ...+45°C

Logocam V-Pack 160L



The LOGOCAM V-Pack 160L battery is a Li-Ion battery with nominal voltage 14,4V and nominal power 160Wh. The battery is specially designed for professional video camcorders SONY DSR-250/300/370/390/400/450/500/570 and all the others with V-lock. It also can be a substitute for batteries SONY BP-L40/L40A/L60/L60A/L90/L90A and IDX Endura Li-Ion Batteries E-50/50S/80S, E-7/7S/10/10S.

Cells chemistry	Li-Ion
Supply voltage	14,4 V
Capacity	160 Wh (11 Ah)
Recommended charging rate	Not more than 3,5 A
Max load	75 W
Dimensions (length x width x height)	133x85x72 mm
Weight	0,95 kg
Safe temperature range (charge/discharge)	0...+45°C / -20...+60°C
Safe temperature range (storage)	-20°C ...+45°C

Rechargeable batteries with "Gold Mount" mounting

Using the Li-Ion chemical formula in a series of A-Pack rechargeable batteries allows receiving more than double advantage in capacity in comparison with Ni-Cd technology and, allows operating at low temperatures. LED display indicates the battery condition. The special built-in electronic cycle control system (Elinside™) provides an optimum load distribution and protection against overshoot of allowable values of operational parameters. The battery is intended for operation with any professional video cameras which have a battery platform with "Gold Mount" mounting.

Logocam A-Pack 95L



Logocam A-Pack 95L is lithium-ion rechargeable battery with rated voltage 14.4 V and capacity 95 Wh. It can be used instead of Anton Bauer batteries of Dionic series.

Cells chemistry	Li-Ion
Supply voltage	14,4 V
Capacity	95 Wh (6,3 Ah)
Recommended charging rate	Not more than 3 A
Max load	50 W
Dimensions (length x width x height)	133x84x55 mm
Weight	0,7 kg
Safe temperature range (charge/ discharge)	0...+45°C / -20...+45°C
Safe temperature range (storage)	-20°C ...+60°C

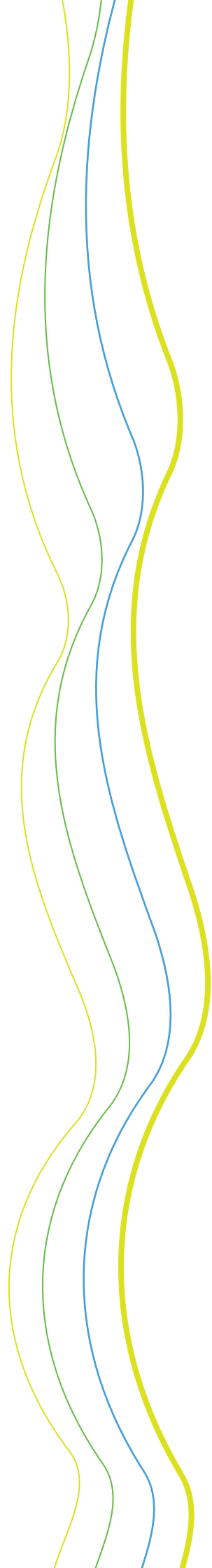
Logocam A-Pack 160L



The LOGOCAM A-Pack 160L battery is a Li-Ion battery with the nominal voltage 14.4V and capacity 160Wh. The battery mount is "Gold Mount" type. It also can be a substitute for Dionic series of Anton Bauer.

Cells chemistry	Li-Ion
Supply voltage	14,4 V
Capacity	160 Wh (11,1 Ah)
Recommended charging rate	Not more than 3,5 A
Max load	75 W
Dimensions (length x width x height)	140x84x53 mm
Weight	0,9 kg
Safe temperature range (charge/ discharge)	0...+45°C / -20...+60°C
Safe temperature range (storage)	-20°C ...+45°C

Power supply



Logocam PS-1440



Input voltage	90...240 V / 50...60 Hz
Power load	40W
Output voltage	14V
Weight	0,32 kg
Dimensions (length x width x height)	130x68x43 mm
Operating temperature range	+5...+35°C

Stabilized Power Supply Unit (PSU) Logocam PS-1440 is intended for powering of DC equipment with rated voltage 14 V and consuming no more than 2.7 A. The PSU meets the requirements of the most rigid standards, and that allows using it as a power supply for professional equipment. The Power Supply Unit is equipped with the built-in cable connector (XLR 4pin «female») for connection of professional video equipment. Electronic protection system against overshoot of input voltage, impulse noise, overheat, as well as protection against short circuit failure in the load and polarity changing, provides high reliability of Power Supply Unit Logocam PS-1440. PSU Logocam PS-1440 does not generate sound, electrical and radio interferences during the operation and has low heat release.

Logocam PS-1480



Input voltage	90...240 V / 50...60 Hz
Power load	80W
Output voltage	14V
Weight	0,45 kg
Dimensions (length x width x height)	187x105x60 mm
Operating temperature range	+5...+35°C

Stabilized Power Supply Unit (PSU) Logocam PS-1480 is intended for powering of DC equipment with rated voltage 14 V and consuming no more than 5.7 A. The PSU meets the requirements of the most rigid standards, and that allows using it as a power supply for professional equipment. The Power Supply Unit is equipped with the built-in cable connector (XLR 4pin «female») on the front panel – for connection of professional video equipment, and the switch located on the back panel. Electronic protection system against overshoot of input voltage, impulse noise, overheat, as well as protection against short circuit failure in the load and polarity changing, provides high reliability of Power Supply Unit Logocam PS-1480. The set of power supply unit includes a 2 m length cord for equipment connection.

Logocam PSU



Output voltage	5V	9V	12V	15V	24V
Max output current	2,4A	1,33A	1A	0,8A	0,5A
Input voltage	90...240 V / 50...60 Hz				
Power load	12W				
Weight	0,1 kg				
Dimensions (length x width x height)	92x59x33 mm				
Operating temperature range	-10...+40°C				

Stabilized Power Supply Units (PSU) are intended for powering of DC equipment with rated voltage 5 / 9 / 12 / 15 / 24 V and consuming no more than 12 W. All devices are equipped with output connector of "Power Jack" type. Technical characteristics of power supply units meets the requirements of the most rigid standards, and that allows using it as a power supply for professional equipment. Electronic protection system against overshoot of input voltage, impulse noise, overheat, as well as protection against short circuit failure in the load and polarity changing, provides high reliability of these devices.

Power supply kits

Logocam PK1 (X)

Self-contained power supply kit Logocam PK1 (X) is intended for supporting of self-contained operation of professional TV equipment out of studio. It is recommended to use the kit for powering of monitors, VTR, on-camera light and other portable equipment in power up to 100 W, which have an input for connection of external power supply 12 V.



Power supply kits with 2UPL

Logocam 2*UPL-40 KIT

Its doubled capacity can be used to supply power to camcorders SONY DSR-PD100P/150P/170P, DCR-VX2000/2100, DCR-TRV900 and wide range of compact digital cameras. There are two UPL-40 batteries in the complete set.

Logocam 2*UPL-43 KIT

It doubles capacity and can be used for a feed of camcorders Canon DM-XL, DM-XM2, DM-XL2, XLH1. There are two UPL-43 batteries in the complete set.

Logocam 2*UPL-47 KIT

It doubles capacity and can be used for a feed of camcorders Sony HVR-Z1E, Sony HDR-FX1. There are two UPL-47 batteries in the complete set.



Power supply kits for cameras with V-Lock

The optimal kit of power supply for camcorders with rechargeable batteries mounting of V-Lock type. It is also possible to use the kit with various devices, which are used in self-contained mode.

Logocam V-KIT 180L



The set includes:

- storage battery V-Pack 90L — 2 units
- charger H104-VP — 1

Logocam V-KIT 640L



The set includes:

- storage battery V-Pack 160L — 4 units
- charger H104-VP — 1

Power supply kits for cameras with Gold Mount

The optimal kit of power supply for camcorders with rechargeable batteries mounting of Gold Mount (AB). It is also possible to use the kit with various devices, which are used in self-contained mode.

Logocam A-KIT 190L



The set uncludes:

- storage battery A-Pack 95L — 2 units
- charger H104-AP — 1

Logocam A-KIT 640L



The set uncludes:

- storage battery A-Pack 160L — 4 units
- charger H104-AP — 1

Power supply accessories

A-Mount



The A-Mount plate is used to mount 3-stud batteries on camcorders.

V-Mount



The V-Mount plate is used to mount V-Lock batteries on camcorders.

VA-Mount



The VA-Mount converts V-Lock bracket to Gold plate.

AV-Mount



The AV-Mount converts Gold plate to V-Lock bracket.

JA-Mount



The JA-Mount adapter converts 14.4V of 3-stud battery to 7.2V of JVC GY-HD100/101/110/111 camcorder. JA-Mount provides professional Gold Mount batteries to be used with popular JVC camcorders.

JV-Mount



The JV-Mount adapter converts 14.4V of V-Lock battery to 7.2V of JVC GY-HD100/101/110/111 camcorder. JV-Mount provides professional V-Lock batteries to be used with popular JVC camcorders.

A-Mount/sync



The sync option of A-Mount plate synchronously turns on your camera light every time you push the «rec» button. Normal A-Mount plate is not upgradable with sync option.

V-Mount/sync



The sync option of V-Mount plate synchronously turns on your camera light every time you push the «rec» button. Normal V-Mount plate is not upgradable with sync option.

VL2



The VL2 doubles on-camera V bracket allowing to mount two V-lock batteries to the camcorder.

CP101



The CP101 charging plate is specially made for charging Logocam UPL-40, Sony NP-F750/950/960/970 and Sony NP-F50, NP-QM71D/QM91D batteries on Sony AC-L10 power supply.

AJ0.5



Power Tap to Power Jack adapter with 0.5 meter length of cable.

JV-Mount



The JV-Mount adapter converts 14.4V of V-Lock battery to 7.2V of JVC GY-HD100/101/110/111 camcorder. JV-Mount provides professional V-Lock batteries to be used with popular JVC camcorders.

CFL0.3



Car Plug female to L-CLAMP adapter with 0,3 meter length of cable.

XFXM2.0

XLR 4pin female to XLR 4pin male adapter with 2 meter length of cable.

XMJ1.0



XLR 4pin Male to Power Jack adapter with 1 meter length of cable.

HNP(A)



The HNP(A) mounting bracket provides mount for NP batteries onto cranes, camera stabilizing system, etc. This bracket has Anton Bauer connector, allowing low-voltage power supply to be used.

XLR-4M/XLR-4F



The CP101 charging plate is specially made for charging Logocam UPL-40, Sony NP-F750/950/960/970 and Sony NP-F50, NP-QM71D/QM91D batteries on Sony AC-L10 power supply.

CMJ1.0



Power Tap to Power Jack adapter with 0.5 meter length of cable.

Power Tap



Car Plug female to L-CLAMP adapter with 0,3 meter length of cable.

XMAF1.0



XLR 4pin female to XLR 4pin male adapter with 2 meter length of cable.

CMAF1.0



XLR 4pin Male to Power Jack adapter with 1 meter length of cable.



On-camera light

Logocam LE1-S (X/A) / LE1-D (X/A)



Supply voltage	10...17 V
Useful current	not more than 10 A
Dimensions (length x width x height)	108x54x54 mm
Weight	LE1-S 0,35 kg
	LE1-D 0,36 kg
Operating temperature range	-30...+45°C
Lamp type	MR16 (halogen lamp with built-in reflector)
Socket type	GU5,3 / GX5,3 / GY6,35
Beam angle (W/o barndoors)	20...60°
Brightness adjustment range (LE1-D)	0...100%
Color temperature (w/o dichroic filter / w/ filter)	2900...3200 K / 5400 K

LSB1	1/4" threaded screw for mounting the LE1-S/D on cameras without the "shoe" mount
LBD1	three-leaved barn doors with integrated swiveling dichroic filter
SB1	little soft box with circle mount (can not be used with barn doors simultaneously)
Additional accessories	LK-HG, LK-TS, VB-50, SHA, MA2, MA3, 015S, 066S, UDM-1, CL-1575, LM-103

Ergonomic on-camera light with heightened durability, developed especially for use with ENG cameras. Easy and strong body of the light is made of an aluminum alloy. Ventilating apertures in the body provide an air flow for natural cooling.

The light is equipped by the built-in matte filter and universal on-camera mounting (the screw of 1/4 inches and "shoe" mounting). The power cord can be completed with connector XLR 4-pin «male» (marking LE1-S/D (X)), end connector Anton Bauer (marking LE1-

S/D (A)) for using of built-in DC output, available on many modern models of cameras. Models Logocam LE1-D have the built-in electronic dimming system, which allows brightness control in the range of 0 ... 100 % (Elinside™ technology).

Attention! All on-camera lights and lighting sets are completed with bulbs with heightened luminous efficiency; that allows getting — at fixed power consumption — on 50 % higher light exposure, than at usage of standard bulbs.

Logocam LE2-S (X/A)



Supply voltage	10...17 V
Useful current	not more than 10 A
Dimensions (length x width x height)	128x68x64 mm
Weight	0,48 kg
Operating temperature range	-30...+45°C
Lamp type	Low voltage halogen lamp
Socket type	GU5,3 / GX5,3 / GY6,35
Beam angle (W/o barndoors)	50°/60°
Color temperature (w/o dichroic filter / w/ filter)	2900...3200 K / 5400 K

LBD2	four-leaved barn doors with integrated swiveling dichroic filter
LBD2	four-leaved barn doors with integrated swiveling matte filter
Additional accessories	LK-HG, LK-TS, VB-50, SHA, MA2, MA3, 015S, 066S, UDM-1, CL-1575, LM-103

On-camera light of economic type. It is developed specially for use with inexpensive ENG cameras. The light body is made of combinations of heat-resisting plastic and metal. The usage of plastic body reduces weight of the light and allows avoiding burning in casual touch to it during an operating. The light is equipped with universal on-camera

mounting by fastening (the screw of 1/4 inches and "shoe" mounting). 4-leaf-type block of shutters with protective glass is included to set. The power cord can be completed with connector XLR 4-pin «male» (marking LE2-S (X)), connector AB-Tap for use of the built-in C-output, available on many modern models of cameras (marking LE2-S (A)).

Logocam LE5-S (X/A) / LE5-D (X/A/AP)



Elegant ergonomic on-camera light. It has built-in matte and dichroic filters, protective glass and 4 barn doors, mounted on a special pin in the body bottom.

This pin allows to remove unnecessary accessories from a field of a light beam by means of turning around an axis, and relieves of necessity to carry filters in a bag – everything is always at user's fingertips. Presence at Logocam LE5-S manual control of focus ("zoom") allows changing the dimensions of a light spot in wide range (directional/filling light). The power cord can be completed with connector XLR 4-pin «male» (marking LE5-S/D (X)), connector AB-Tap (marking LE5-S/D (A)/D (AP)) for use of the built-in C-output, available on many modern models of cameras. Combination of all these functions in the small convenient light allows solving most complicated creative problems (MultiTask™ technology). The light's body is made of aluminum and strong heat-resisting plastic (the plastic back cover protects from a burn, possible with metal lights when using high power bulbs). The light is developed specially for use on the basis of inexpensive ENG cameras and has universal mounting (the screw of 1/4 inches and "shoe" mounting). Model LE5-D has a built-in electronic control system allowing smoothly regulating of a luminous flux within 0... 100 % (Elinside™ technology).

Supply voltage		10...17 V
Useful current		not more than 10 A
Dimensions (length x width x height)		115x70x85 mm
Weight	LE5-S	0,55 kg
	LE5-D	0,56 kg
Operating temperature range		-30...+45°C
Lamp type		Low voltage halogen lamp
Socket type		GU5,3 / GX5,3 / GY6,35
Beam angle (W/o barndoors)		20...50°
Brightness adjustment range (LE1-D)		0...100%
Color temperature (w/o dichroic filter / w/ filter)		2900...3200 K / 5400 K

Power supply kits for on-camera light

LK-HG



TSpecial below-camera handle bracket. Ergonomic rubber grip handle. Universal design for easy reassembly. Could be used as a 1/4-inch male/male, male/female or female/female adaptor or extender. Simply screwed under a camera or camera light. Allows carrying the light during the operation without risk of burning the skin.

LK-TS



Adjustable tilt and swivel adaptor for camera, studio lights and umbrellas. Allows easy reassemble for matching various installation needs. Adjustable angle and socket type. Adaptor options: 1/4 female to 1/4 male; 1/4 female to 3/8 male; 1/4 female to 16 mm female; 1/4 female to female shoe mount (video light); 3/8 female to 1/4 male; 3/8 female to 3/8 male; 3/8 female to 16mm female; 3/8 female to female shoe mount (video light); 16mm female to 1/4 male; 16mm female to 3/8 male; 16mm female to 16mm female; 16mm female to female shoe mount (video light).

SHA



CSHoe 1/4" female adapter .

LM-103



The LM-103 is a portable digital luxmeter with wide range of mesurement.

UDM-1



Ultrasonic distance meter with laser point.

MA3



XMultiarm with 3 adjustable sections.

CL1575



The CL175 clamp fixes things on tubes..

066S



Spigot 1/4" to 3/8" female.

MA2



Multiarm with 2 adjustable sections.

015S



1/4" umbrella adapter.

Summary chargers Logocam

Charger model	CH104-AP	CH104 – VP	CL-101S
Charging rate	1,8 A	3 A	0,75 A
Charge sequence	simultaneous	simultaneous	-
Weight	2,7 kg	2,7 kg	0,12 kg
Logocam battery packs compatibility	CH104-AP	CH104 – VP	CL-101S
NP-50L	none	none	none
UPL-24	none	none	available
UPL-31	none	none	available
UPL-40	none	none	available
UPL-47	none	none	available
UPL-43	none	none	available
UPL-64	none	none	available
V-Pack 70L	none	available	none
V-Pack 90L	none	available	none
V-Pack 130L	none	available	none
A-Pack 160L	available	none	none
Other manufacturer battery packs compatibility	CH104-AP	CH104 – VP	CL-101S
Sony NP-1/ NP-1A/ NP-1B	none	none	none
IDX NP-1dx/ NP-23/ NP-23dx/ NP-35/ NP-50H/ NP-50dx	none	none	none
Anton Bauer Propac14/ Trimpac14/ Digital Propac14/ Digital Trimpac14	available***	none	none
Aspen NP-1B/ GNP-1B/ NP-35/ NPH-50	none	none	none
Frezzi FNP-1/ FNP-1S/ NPX-1/ NPX-2	none	none	none
PAG NPH/NPX1	none	none	none
Sony NP-F750/ 950/ 960	none	none	available
Sony NP-F50, NP-QM71D/ QM91D	none	none	available
Canon BP-927/ 930/ 941/ 945	none	none	available
Panasonic CGA, CGP, CGR	none	none	available

* VNP adapter necessary

** ANP adapter necessary

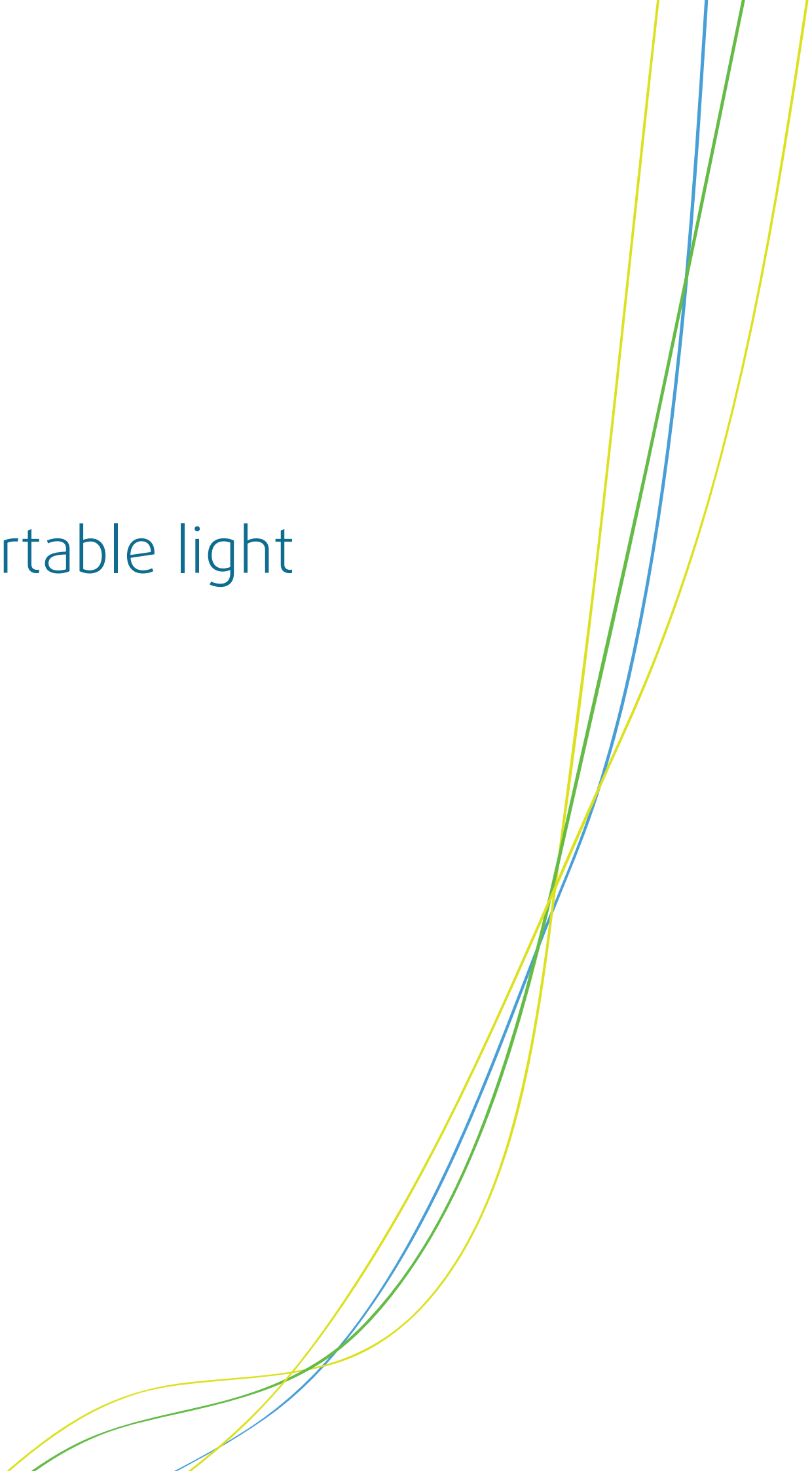
*** manufactured before 2003

Summary battery Logocam

Battery pack model	NP-50L	UPL-40	UPL-43	UPL-47
Cells chemistry	Li-Ion	Li-Ion	Li-Ion	Li-Ion
LED charge indicator	4-Led	none	none	none
Supply voltage	14,4 V	7,2 V	7,2 V	7,2 V
Capacity	50 Wh 3,5 Ah	40 Wh 5,6 Ah	43 Wh 6 Ah	47 Wh 6,5 Ah
Recommended charging rate	not more than 1,8 A	not more than 1 A	not more than 1 A	not more than 1 A
Max load	35	25	30	30
Mounting type	NP	Sony fit	Canon fit	Sony fit
Weight	0,45 kg	0,29 kg	0,32 kg	0,35 kg
CH104-AP	none	none	none	none
CH-104VP	none	none	none	none
CL-101S	none	available	available	available
Sony BC-1WA/ BC-1WB/ BC-1WD	none	none	none	none
IDX i200/ i400/ SC-220	none	none	none	none
IDX VL-4 / VL-2Plus	none	none	none	none
IDX JL-2Plus/ LX-4A	available***	none	none	none
Aspen ROQ2/ ROQ4/ ROQ460/ Triton 16	none	none	none	none
PAGOC 124NP/ AR124NPD	none	none	none	none
Frezzi M1000/ M1100/ M2100	none	none	none	none
Canon CH900	none	none	available	none

UPL-64	V-Pack 70L	V-Pack 90L	V-Pack 130L	V-Pack 160L	A-Pack 95L	A-pack 160L
Li-Ion	Li-Ion	Li-Ion	Li-Ion	Li-Ion	Li-Ion	Li-Ion
none	4-Led	5-Led	4-Led	4-Led	4-Led	4-Led
7,2 V	14,4 V	14,4 V	14,4 V	14,4 V	14,4 V	14,4 V
64 Wh 8,9 Ah	70 Wh 4,8 Ah	90 Wh 6,2 Ah	130 Wh 9 Ah	160 Wh 11 Ah	95 Wh 6,6 Ah	160 Wh 11 Ah
not more than 1,7 A	not more than 2,5 A	not more than 3 A	not more than 3,5 A	not more than 3,5 A	not more than 3,5 A	not more than 3,5 A
35	50	50	75	75	75	75
JVC fit	V-Lock	V-Lock	V-Lock	V-Lock	Gold Mount	Gold Mount
0,385 kg	0,45 kg	0,69 kg	0,89 kg	0,95 kg	0,7 kg	0,9 kg
none	none	none	none	none	available	available
none	available	available	available	available	none	none
available	none	none	none	none	none	none
none	none	none	none	none	none	none
none	none	none	none	none	none	none
none	available***	available***	available***	available***	none	none
none	available***	none	none	none	none	none
none	none	none	none	none	none	none
none	none	none	none	none	none	none
none	none	none	none	none	none	none
none	none	none	none	none	none	none
none	none	none	none	none	none	none

Portable light



Logocam LK1-S(X) / LK1-D(X)



Portable lighting kit Logocam LK1-S (X) / LK1-D (X) is specially designed for location shooting. This is reliable and economic solution which considerably will facilitate operator's away work.

Complete set includes:

- On-camera light Logocam LE1-S (X) equipped with a matte filter and a block of shutters Logocam LBD1 with dichroic filter of 5400K. LK1-D (X) it is completed with light LE1-D (X) with possibility of luminous flux regulating;
- Lead-acid battery (SLA) with rated voltage 12 V and capacity 80wh (7 Ah) in protective case; this battery allows to work several hours in succession;
- Intelligent automatic power charger Logocam CS-160 (X), which provides a reliable double-stage charge of the battery within 5-6 hours;
- The set of reserve bulbs 35 and 50 W allows to make the choice between brightness and duration of the work; the system of electrical connection of various parts of the kit is supplied with XLR 4-pin connectors.

Weight of the kit is 4.7 kg.

Logocam LK1-D (LED)



Portable lighting kit Logocam LK1-D (LED) on the basis of the LED light is specially designed for location shooting. This is easy, compact and inexpensive solution for small companies.

Complete set includes:

- Logocam LE1-D(LED) dimmable on-camera light with internal battery;
- Portable charger to feed the internal lithium polymer battery of light;
- Two interchangeable LED modules with 5600K and 3200K color temperature;
- Additional 0.25 meter handle bracket;

Weight of Logocam LK1-D(LED) is 0.46kg.

Logocam LK2-S(X)



Portable lighting kit Logocam LK2-S (X) is specially designed for location shooting. This is easy, compact and inexpensive solution for small companies.

Complete set includes:

- Logocam LE2-S(X) non-dimmable on-camera light
- 12V lead acid battery with 80Wh capacity as a power supply for on-camera light
- Logocam CS-160(X/C) intellectual automatic charger for lead acid battery
- Set of 35w and 50W Osram spare lamps
- XLR 4pin wiring
- Soft carrying case

Weight of Logocam LK2-S(X) is 3.8kg.

Logocam LK5-S(X) / LK5-D(X)

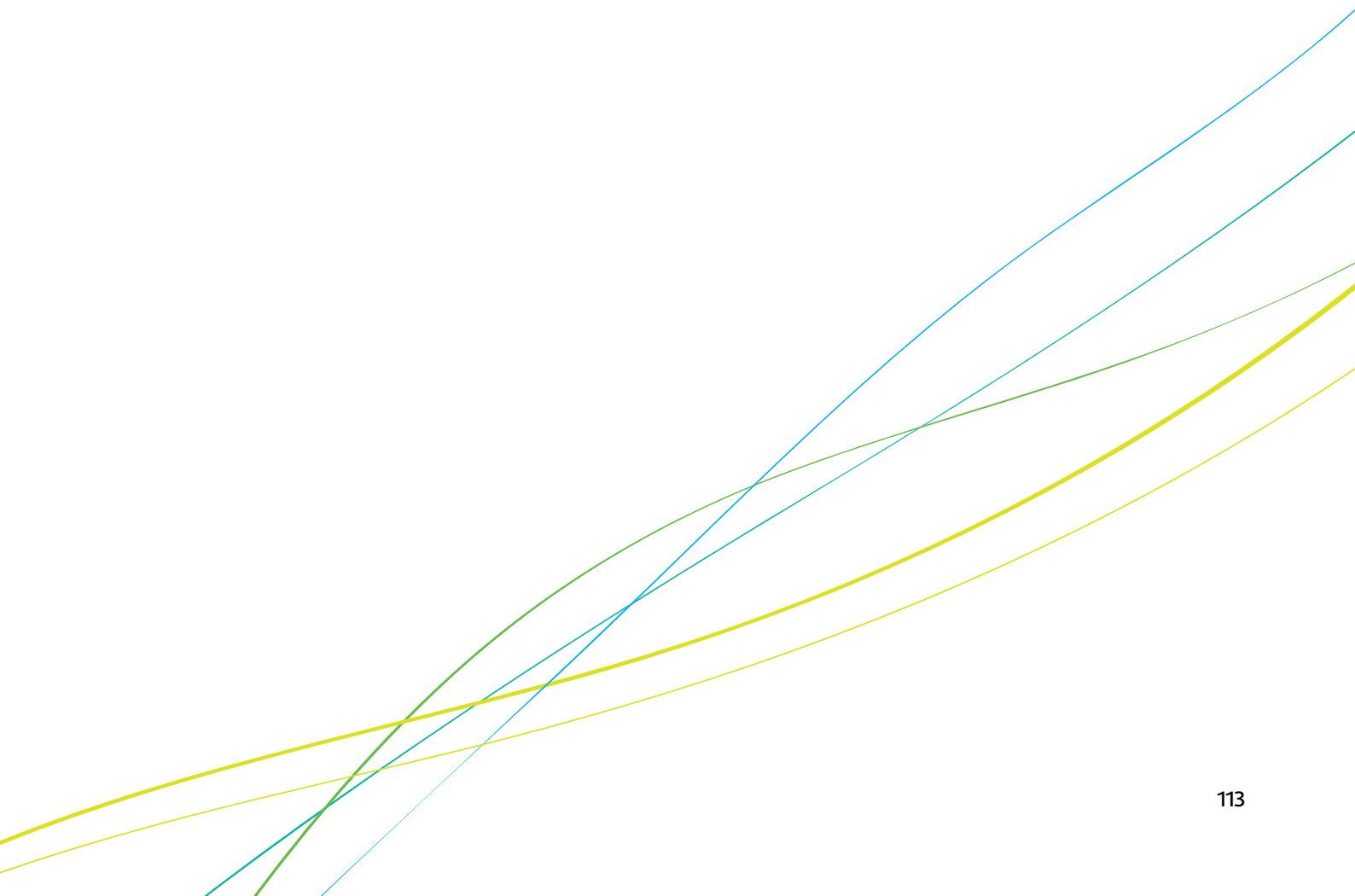


Portable lighting kit Logocam LK5-S/D (X) is specially designed for location shooting. This kit represents the optimal solution of a problem of on-camera lighting for news recordings. All components of the kit in transportation mode are fitted into a carrying bag, thus, there is not necessary to care about their safekeeping. It is very compact and convenient in the work.

Complete set includes:

- Logocam LE5-S/D(X) non-dimmable/dimmable on-camera light
- 12V lead acid battery with 80Wh capacity as a power supply for on-camera light
- Logocam CS-160(X/C) intellectual automatic charger for lead acid battery
- Set of 35w and 50W Osram spare lamps
- XLR 4pin wiring
- Soft carrying case

Weight of Logocam LK5-S/D(X) is 4.1kg.



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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