

# Libra

IP 66 and IP 67

Grazing and wall washing. Specification-grade modular system featuring high power LEDs. Power from 13W to 47W. Integrated anti-glare louver. Adjustable modules (-90 +90 degrees) to direct the light output precisely where it is mostly needed. Modules lengths of 300, 600, 900 and 1200 mm. Eight high-precision beam angles, including two elliptical distributions for striation-free lighting even at very close distance from the wall. Excellent uniformity. Four colour temperatures from 2200K to 6000K plus RGB and RGBW. wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details. Libra is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office, commercial and residential buildings. Easy to position, installation-friendly. Through-wiring. Power supply unit on board. Control through DMX-RDM or DALI.





## High visual comfort

Modular system with power ranging from 13W to 47W and integrated anti-glare louver. Colour temperatures from 2200K to 6000K plus RGB and RGBW and a variety of beam angles suitable for accent lighting, grazing and wall washing in any urban and architectural environment. Power supply unit on board.



## Orientable modules

The Libra modules, 300, 600, 900 and 1200 mm long, are adjustable between -90 and +90 degrees to direct the light output precisely where it is mostly needed. Silver grey anodized, IK 08, IP 66 and IP 67.



	Libra 300	Libra 600	Libra 900	Libra 1200
<b>Input power</b>	13 W	25 W	37 W	47 W
<b>Source flux</b>	1620 lm	3230 lm	4850 lm	6470 lm
<b>Source efficiency</b>	148 lm/W	148 lm/W	148 lm/W	148 lm/W
<b>Delivered flux</b>	1110 lm	2220 lm	3340 lm	4450 lm
<b>Delivered efficiency</b>	86.4 lm/W	89.6 lm/W	90.6 lm/W	93.8 lm/W
<b>Net weight</b>	4 lb (1.80 Kg)	6 lb (2.70 Kg)	7.7 lb (3.50 Kg)	9 lb (4.10 Kg)

## Libra 300

### IP rating

66 and 67

### IK rating

08

### Source type

High power LED

### CRI

>80

### MacAdam step

3

### Source life time

>110.000h L70 B10 at 77°F ambient temperature

### Power supply

Power supply unit on board

### Light colour/CCT

2200K, 3000K, 4000K, 6000K

### Beam angles

5°,12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

### Light control

On/off

### Temperature limits

Working temperature: from -22°F to +122°F

Storage temperature: from -58°F to +176°F

### Mounting

Surface

### Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

### Connection

On/off: Through-wiring, power supply cable, length 3 5/32 in (0.08 m) with IP68 3-poles connectors, maximum line 900W or 328 5/64 ft (100 m)

## Libra 600/900/1200

### IP rating

66 and 67

### IK rating

08

### Source type

High power LED

### CRI

>80

### MacAdam step

3

### Source life time

>110.000hrs L70 B10 at 77°F ambient temperature

### Power supply

Power supply unit on board

### Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB, RGBW

### Beam angles

5°,12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

### Light control

On/off, DMX-512A and RDM-compatible, DALI-compatible

### Temperature limits

Working temperature: from -22°F to +122°F

Storage temperature: from -58°F to +176°F

### Mounting

Surface

### Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

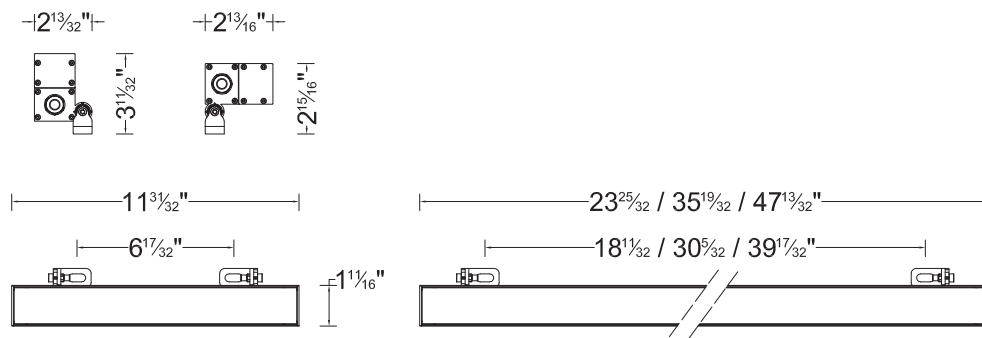
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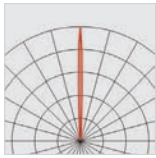

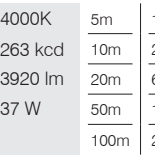
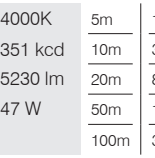
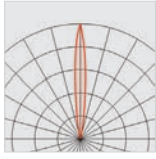



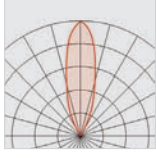
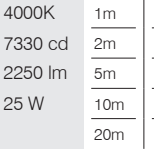
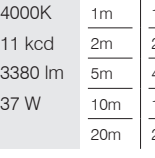

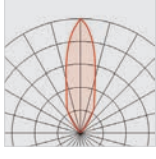

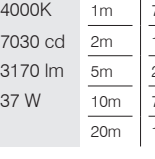

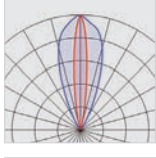



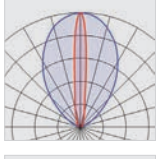

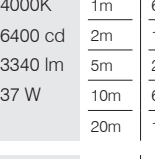

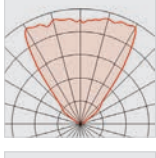

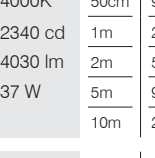

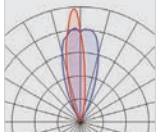



DMX: Through-wiring, power supply cable, length 3 5/32 in (0.08 m) with IP68 6-poles connectors, maximum line 900W or 328 5/64 ft (100 m)

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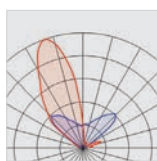
Dimensions (mm.)



Photometrics

	Libra 300	Libra 600	Libra 900	Libra 1200																																																												
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asymmetrical wide



Libra 300

4000K	50cm	4670 lx
1170 cd	1m	1170 lx
1330 lm	2m	292 lx
13 W	5m	46,7 lx
	10m	11,7 lx

Libra 600

4000K	50cm	9340 lx
2340 cd	1m	2340 lx
2660 lm	2m	584 lx
25 W	5m	93,4 lx
	10m	23,4 lx

Libra 900

4000K	50cm	14 klx
3500 cd	1m	3500 lx
3980 lm	2m	876 lx
37 W	5m	140 lx
	10m	35 lx

Libra 1200

4000K	1m	4670 lx
4670 cd	2m	1170 lx
5310 lm	5m	187 lx
47 W	10m	46,7 lx
	20m	11,7 lx

Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Codes

Libra - 110 V On/off

Libra 300	LIB03ABX111	2200 K	SW	ultra narrow beam (5°)	UN
Libra 600	LIB06ABX111	3000 K	WW	narrow beam (12°)	NB
Libra 900	LIB09ABX111	4000 K	NW	medium beam (25°)	MB
Libra 1200	LIB12ABA111	6000 K	CW	wide beam (40°)	WB
				horizontal narrow (35°x14°)	ON
				horizontal wide (75°x12°)	OW
				flood (80°)	FL
				wall washer narrow	A2
				asymmetrical wide	AS

Libra - 110 V DALI

Libra 600	LIB06ABA111	2200 K	SW	ultra narrow beam (5°)	UN
Libra 900	LIB09ABA111	3000 K	WW	narrow beam (12°)	NB
Libra 1200	LIB12ABA111	4000 K	NW	medium beam (25°)	MB
		6000 K	CW	wide beam (40°)	WB
				horizontal narrow (35°x14°)	ON
				horizontal wide (75°x12°)	OW
				flood (80°)	FL
				wall washer narrow	A2
				asymmetrical wide	AS

Libra - 110 V DMX-512A

Libra 600	LIB06ABD111	2200 K	SW	ultra narrow beam (5°)	UN
Libra 900	LIB09ABD111	3000 K	WW	narrow beam (12°)	NB
Libra 1200	LIB12ABD111	4000 K	NW	medium beam (25°)	MB
		6000 K	CW	wide beam (40°)	WB
		RGB	RT	horizontal narrow (35°x14°)	ON
		RGBW	RW	horizontal wide (75°x12°)	OW
				flood (80°)	FL
				wall washer narrow	A2
				asymmetrical wide	AS

Accessories

Cables

F400057NANT	On/off	leader cable	2m
F400019NANT	On/off	leader cable	5m
F400058NANT	On/off	leader cable	10m
F400020NANT	On/off	leader cable	20m
F400062NANT	On/off	jumper cable	0,5m
F400064NANT	On/off	jumper cable	1m
F400022NANT	On/off	jumper cable	2m
F400021NANT	On/off	jumper cable	5m

F400044NANT	DMX	leader cable	2m
F400023NANT	DMX	leader cable	5m
F400059NANT	DMX	leader cable	10m
F400024NANT	DMX	leader cable	20m
F400065NANT	DMX	jumper cable	0,5m
F400066NANT	DMX	jumper cable	1m
F400026NANT	DMX	jumper cable	2m
F400025NANT	DMX	jumper cable	5m
F400060NANT	DALI	leader cable	2m
F400043NANT	DALI	leader cable	5m
F400061NANT	DALI	leader cable	10m
F400063NANT	DALI	leader cable	20m
F400067NANT	DALI	jumper cable	0,5m
F400068NANT	DALI	jumper cable	1m
F400069NANT	DALI	jumper cable	2m
F400070NANT	DALI	jumper cable	5m