

IN-Libra LO

IP 66 and IP 67

Low output, energy saving luminaire for grazing. Specification-grade modular system featuring high power LEDs. Power from 6W to 23W. Modules lengths of 600, 900 and 1200 mm. Eight high-precision beam angles for striation-free lighting even at very close distance from the wall. Excellent uniformity. wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details. IN-Libra LO is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office and residential buildings. Easy to position, installation-friendly. Through-wiring, power supply on board. Control through DMX-RDM or DALI.



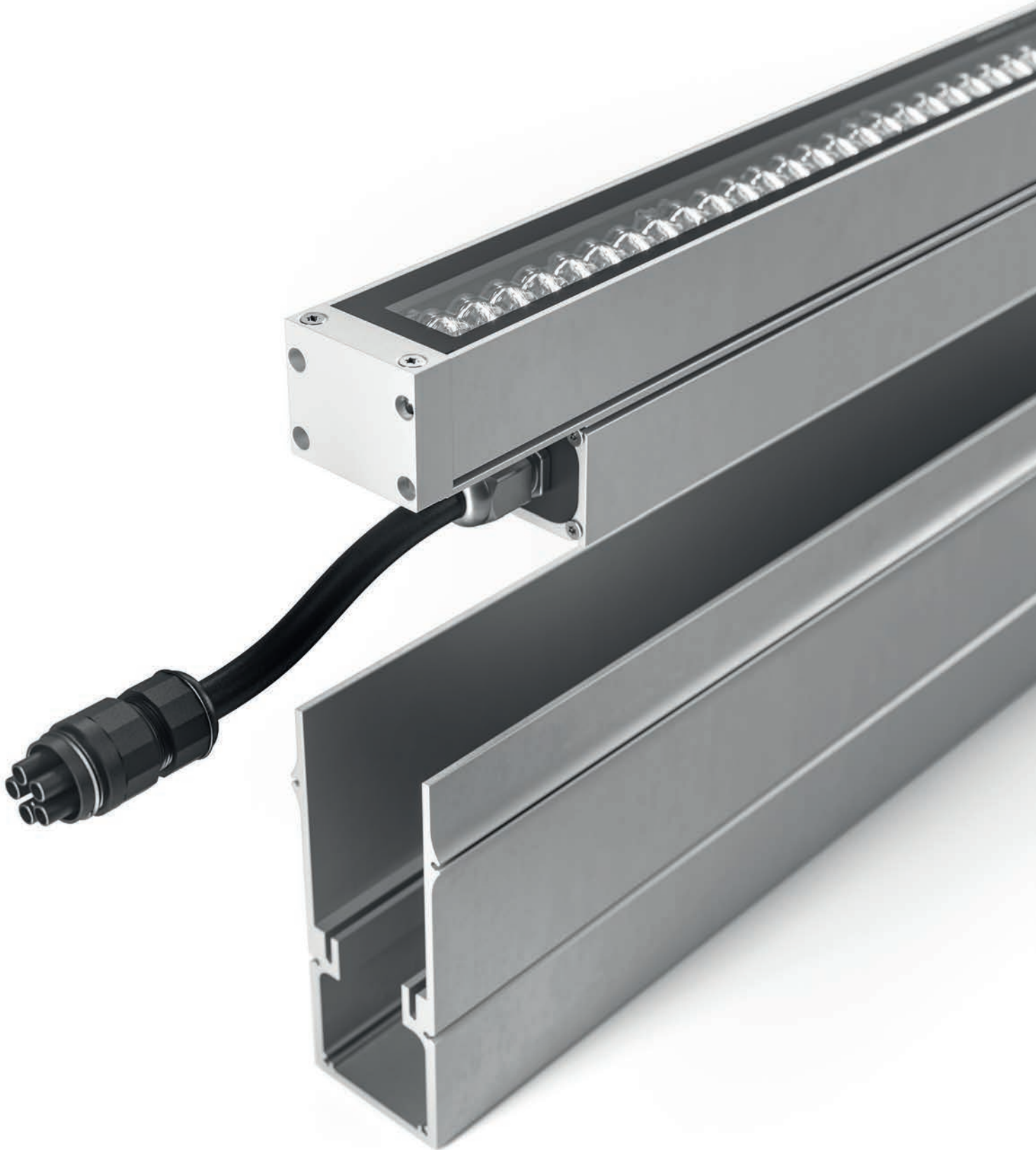
DIAMANTE LIGHTING



Made in Italy

Through-wiring, high output

This modular, in-ground system features about 20W per meter and a delivered efficiency of 140 lm/W. Maintenance 110000 hours. Ideal for grazing and wall washing. IN-Libra LO features through-wiring and a recess profile in aluminium alloy. Power supply unit on board. IK 08, walk-over.



	IN-Libra LO 300	IN-Libra LO 600	IN-Libra LO 900	IN-Libra LO 1200
Input power	6 W	13 W	20 W	23 W
Source flux	849 lm	1700 lm	2840 lm	3400 lm
Source efficiency	159 lm/W	159 lm/W	159 lm/W	159 lm/W
Delivered flux	584 lm	1170 lm	1950 lm	2340 lm
Delivered efficiency	92.8 lm/W	92.8 lm/W	97.4 lm/W	101 lm/W
Net weight	4 lb (1.80 Kg)	6 lb (2.70 Kg)	7.7 lb (3.50 Kg)	9 lb (4.10 Kg)

IN-Libra LO 300

IP rating

66 and 67

IK rating - static load

08 - walk-over

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

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

Ground-recessed

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)

IN-Libra LO 600/900/1200

IP rating

66 and 67

IK rating - static load

08 - walk-over

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

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Mounting

Ground-recessed

Construction

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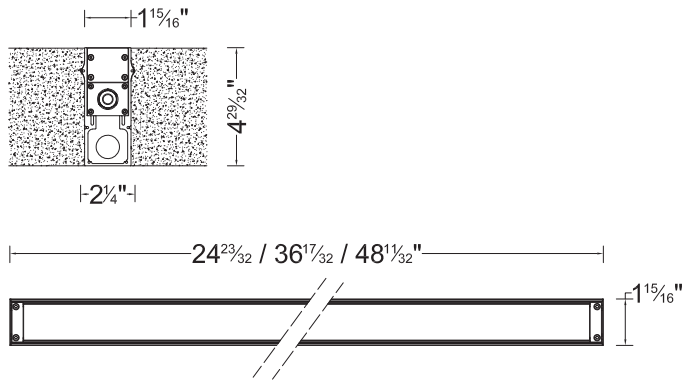
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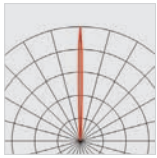
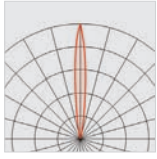
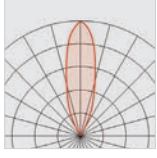
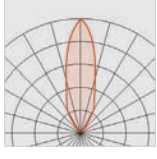
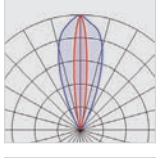
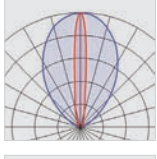
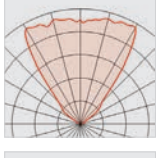
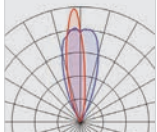
DMX: Through-wiring, power supply cable, length 3 5/32 in (0.08 m) with IP68 6-poles connectors, maximum line 900W or 328 5/64 ft (100 m)

DALI: 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)

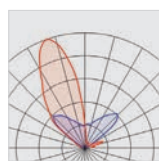
Dimensions (mm.)



Photometrics

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	20m	14,8 lx																																																														
4000K	1m	9910 lx																																																														
9910 cd	2m	2480 lx																																																														
1930 lm	5m	396 lx																																																														
20 W	10m	99,1 lx																																																														
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4000K	1m	11,9 klx																																																														
11,9 kcd	2m	2970 lx																																																														
1110 lm	5m	475 lx																																																														
23 W	10m	119 lx																																																														
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asymmetrical wide



IN-Libra LO 300

4000K	20cm	14,6 klx
584 cd	50cm	2340 lx
664 lm	1m	584 lx
6 W	2m	146 lx
	5m	23,4 lx

IN-Libra LO 600

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

IN-Libra LO 900

4000K	50cm	7800 lx
1950 cd	1m	1950 lx
2220 lm	2m	488 lx
20 W	5m	78 lx
	10m	19,5 lx

IN-Libra LO 1200

4000K	50cm	9340 lx
2340 cd	1m	2340 lx
2660 lm	2m	584 lx
23 W	5m	93,4 lx
	10m	23,4 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 LO - 110 V On/off

IN-Libra LO 300	ILL03ABX111	2200 K	SW	ultra narrow beam (5°)	UN
IN-Libra LO 600	ILL06ABX111	3000 K	WW	narrow beam (12°)	NB
IN-Libra LO 900	ILL09ABX111	4000 K	NW	medium beam (25°)	MB
IN-Libra LO 1200	ILL12ABX111	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 LO - 110 V DALI

IN-Libra LO 600	ILL06ABA111	2200 K	SW	ultra narrow beam (5°)	UN
IN-Libra LO 900	ILL09ABA111	3000 K	WW	narrow beam (12°)	NB
IN-Libra LO 1200	ILL12ABA111	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 LO - 110 V DMX 512A

IN-Libra LO 600	ILL06ABD111	2200 K	SW	ultra narrow beam (5°)	UN
IN-Libra LO 900	ILL09ABD111	3000 K	WW	narrow beam (12°)	NB
IN-Libra LO 1200	ILL12ABD111	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

Recess profiles

F100110AOAN	recess profile	IN-Libra LO300	Aluminium
F100109AOAN	recess profile	IN-Libra LO600	Aluminium
F100108AOAN	recess profile	IN-Libra LO900	Aluminium
F100107AOAN	recess profile	IN-Libra LO1200	Aluminium

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