

LIRBOX PRO

PROFESSIONAL INDUSTRIAL LIGHTING
ILUMINACIÓN INDUSTRIAL PROFESIONAL



FEATURES / CARACTERÍSTICAS

Fresnel lens° / Lente Fresnel°

- Bat-wing shape light distribution for better uniformity.
- Distribución de la luz en forma de ala de murciélago para una mayor uniformidad.

Dust-free / Libre de polvo

- Lamp body without heat fin, avoid dust accumulation.
- Cuerpo de la lámpara sin aleta térmica, evita la acumulación de polvo.

Toolless / Sin herramientas

- Tool-free access to terminal box.
- Acceso sin herramientas a la caja de bornes.

Inside MWS sensor / Sensor de movimiento

- Available with built-in Bi-level dimming microwave sensor.
- Disponible con sensor de microondas de regulación binivel integrado.

Power/CCT selectable / Potencia/CCT Seleccionable

- One SKU for all demands.
- Una SKU para todas las necesidades.

Optional 347/480V stepdown transformer

- Inside 347/480V stepdown transformer available.
- Transformador reductor interior de 347/480 V disponible.

NOM RETILAP | EMC ERP PROTECTION C4

PREVIEW / VISTA PREVIA

SERIES	POWER 3 IN 1	VOLTAGE	CCT 3 IN 1	LUMENS	BEAM	CRI	DIM	FINISH	ACCESSORY
LIRBOX PRO S	20W - 30W - 40W	120-277V	3000K	3.600Lm	160°	Ra80	0-10V	BLACK	MWS ^[3]
			4000K	5.400Lm				WHITE ^[2]	EM
LIRBOX PRO M	40W - 60W - 75W		5000K	7.200Lm				GREY	
				10.800Lm					
				13.500Lm					

REMARK / COMENTARIO

[1] More power and lumen package available in technical data.

[2] MOQ 200pcs for white&grey version.

[3] MWS: DC12V microwave sensor.

EM: Field-install emergency kit.

APPLICATION / APLICACIÓN



PARKING



CORRIDOR

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TECHNICAL DATA / DATOS TÉCNICOS

ELECTRICAL / ELÉCTRICOS

Nominal wattage	LIRBOX PRO S 20W-30W-40W	LIRBOX PRO M 40W-60W-75W
Nominal voltage & frequency	120-277V 50/60Hz	
Inrush current&time TH50	25A & 100uS	25A & 100uS
Power factor λ	>0.9	
Total harmonic distortion	<15 %	
Protection class	CLASS I	
Dimmable	YES	

PHOTOMETRICAL / FOTOMÉTRICO

Nominal wattage	LIRBOX PRO S 20W-30W-40W	LIRBOX PRO M 40W-60W-75W
Luminous flux	7200-5400-3600lm	13500-10800-7200lm
Luminous efficacy	150lmw	
Color temperature & CRI	3 in 1 3000-4000-5000K Ra80	
Saturated red R9	>10	
Standard deviation of color matching	3000&5000K≤5 steps 4000K≤8 steps	
Flickering metric (Pst LM)	<1 No-flicker	
Stroboscope effect metric (SVM)	<0.4	
Photobiological safety EN62778	RG1	
Beam angle	160°	

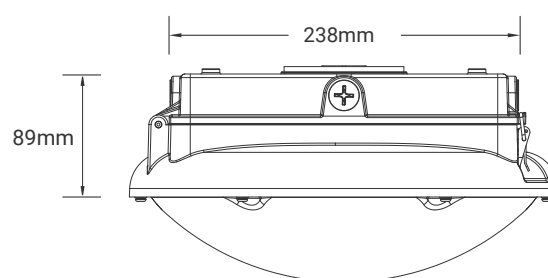
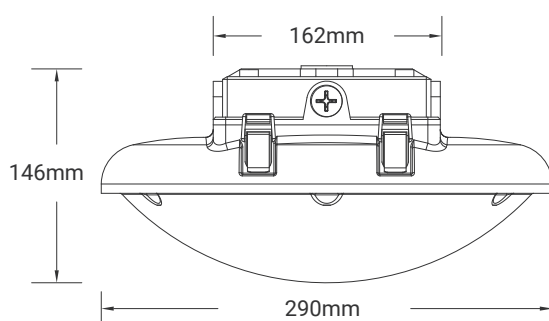
MECHANICAL AND OTHER DATA / DATOS MECÁNICOS Y OTROS

Nominal wattage	LIRBOX PRO S 20W-30W-40W	LIRBOX PRO M 40W-60W-75W
Body material	ADC12 die-cast aluminum	
Cover material	Polycarbonate (PC)	
Glow wire test IEC60695-2-12	850 °C	
Mercury content	0.00mg	
Ambient temperature range	-40...+50	
Storage temperature range	-40...+80 °C	
Type of connection	30cm fly AC wires	
Waterproof protection	IP65	
Waterproof protection	IK08	
Mounting type	Ceiling-mount/Rod-pendant	
Application environment	Outdoor	
LED module replaceable	Yes	
With light source	Yes	
Lifespan L70/B50 at 25 °C L70	120000H	
Lifespan L80/B10 at 25 °C L80	100000H	
Lifespan L90/B10 at 25 °C L90	50000H	
Number of switching cycles	20000	

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DIMENSIONS / DIMENSIONES



LUMEN / LUMEN

Models	Lumens	CCT	CRI	Size
LIRBOX PRO S	7200-5400-3600lm	3000K-4000K-5000K	Ra80	φ290*146mm
LIRBOX PRO M	13500-10800-7200lm	3000K-4000K-5000K	Ra80	φ290*146mm

Other customized lumens package can be calculated based on below multiplier table.

MULTIPLE TABLE / TABLA MÚLTIPLE

70 CRI	CCT	CONVERSION FACTOR
	2700K	0.94
	3000K	0.99
	3500K	1.03
	4000K	1.06
	5000K	1.06
	6500K	1.04

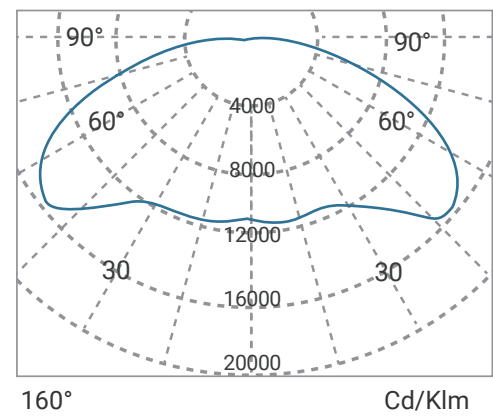
80 CRI	CCT	CONVERSION FACTOR
	2700K	0.89
	3000K	0.93
	3500K	0.97
	4000K	1.00
	5000K	1.00
	6500K	0.98

90 CRI	CCT	CONVERSION FACTOR
	2700K	0.78
	3000K	0.82
	3500K	0.85
	4000K	0.88
	5000K	0.88
	6500K	0.86

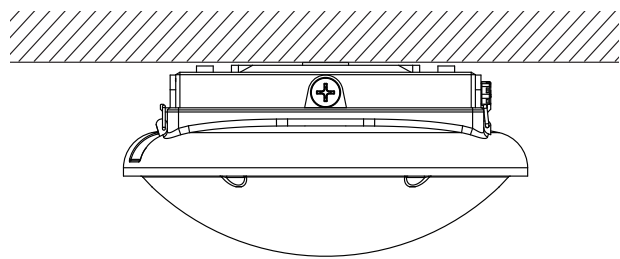
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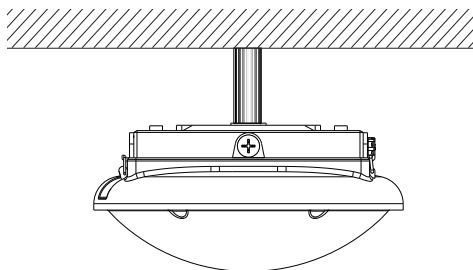
PHOTOMETRY / FOTOMETRÍA



MOUNTING DETAILS / DETALLES DE MONTAJE



Surface-mount



Pendant-mount

PACKAGE INFO / INFORMACIÓN DE EMPAQUE

POWER	QTY/CTN	CTN SIZE (mm)	CBM (m) ³	NET WEIGHT (kg)	GROSS WEIGHT (kg)
40/70W	1pc	L340*W340*H195mm	0.225	2.13kg	2.9kg

