

LITBox

Outdoor Advertising - POP

5 YEARS
WARRANTY

**Double Face or Single Face,
Grounded or Wall-mounted
LED-PosterBox for Outdoor
Advertising**

- ▶ Uniformly and brightly illuminated with latest LED technology
- ▶ Designed for Easy poster replacement
- ▶ Robust, Slim, Elegant and Energy-Efficient



FEATURES & BENEFITS

- ▶ Double face and Single face units designed specifically to be either grounded on the floor or mounted on Wall.
- ▶ Robust structure specially treated to stand any harsh outdoor conditions
- ▶ Illuminated area: 1200 x 1760mm
- ▶ Totally uniform distribution of the light
- ▶ 8mm thick Tempered glass
- ▶ Easy to replace posters by 1 man alone and no ladder
- ▶ Can be customized for projects
- ▶ Max. operating ambient temperature: 50°C
- ▶ Powered with universal outdoor-rated 12V LED system
- ▶ High energy-efficiency of the system: Above 100 lm/W and 0.95 power factor
- ▶ Durable LED solution with 5 years warranty - 50.000 hrs lifetime and 70% Lumen maintenance at the end of its lifetime

NORMS & CERTIFICATES

- ▶ EN 60598-1:2015
- ▶ EN 62471:2009
- ▶ EN 55015:2015
- ▶ EN 61547:2010
- ▶ EN 61000-3-2:2014
- ▶ EN 61000-3-3:2013



TECHNICAL DATA

Code	Designation	Protection-index	IK	Color	Voltage (V)	Typical power (W)	Lumen output (lm/mod)	Efficiency (lm/W)	N.W. (kg)	Dimension (mm)
21480002	LITBox DFG 2766x1400 REN P01	IP54	IK08	RAL 7021	100-277	96	10360	108	240	2766x1400x188
21480004	LITBox SFW 1960x1400 REN P01	IP54	IK08	RAL 7021	100-277	96	10360	108	140	1960x1400x153
21480006	LITBox SFG 2766x1400 REN P01	IP54	IK08	RAL 7021	100-277	96	10360	108	180	1400x2866x270

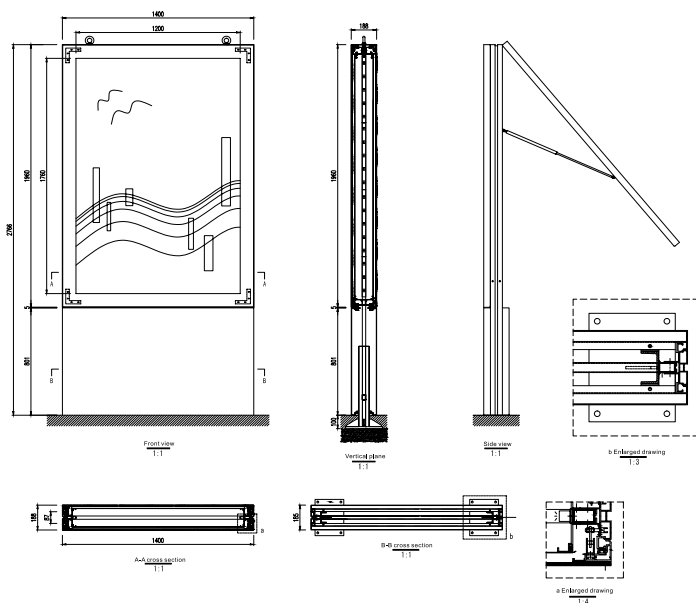
PACKAGING

	Type	SIZE - LxWxH (cm)	SIZE - LxWxH (ft)	Weight (Kg)	Weight (Lb)	Nb of Pcs / box	QTY/Container-40GP
CARTON	LITBox DFG 2766x1400	296x156x35	9,7x5,1x1,1	319,5	704,3	1	24
	LITBox SFW 1960x1400	215,9x146x23	7,1x4,8x0,8	171	376,2	1	56
	LITBox SFG 2766x1400	296x156x35	9,7x5,1x1,1	275	606,2	1	24

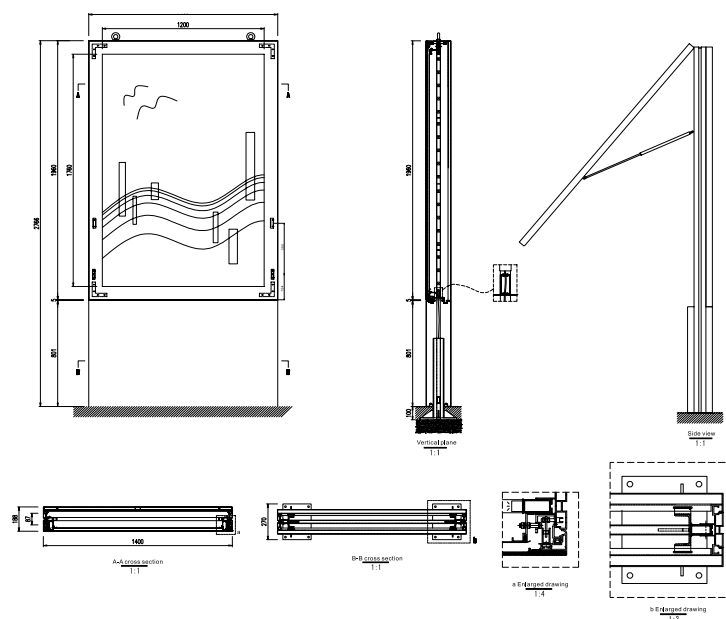


- ▶ Individually packaged inside robust wooden box
- ▶ Convenient to ship as it comes to the installation site
- ▶ Easy to unpack

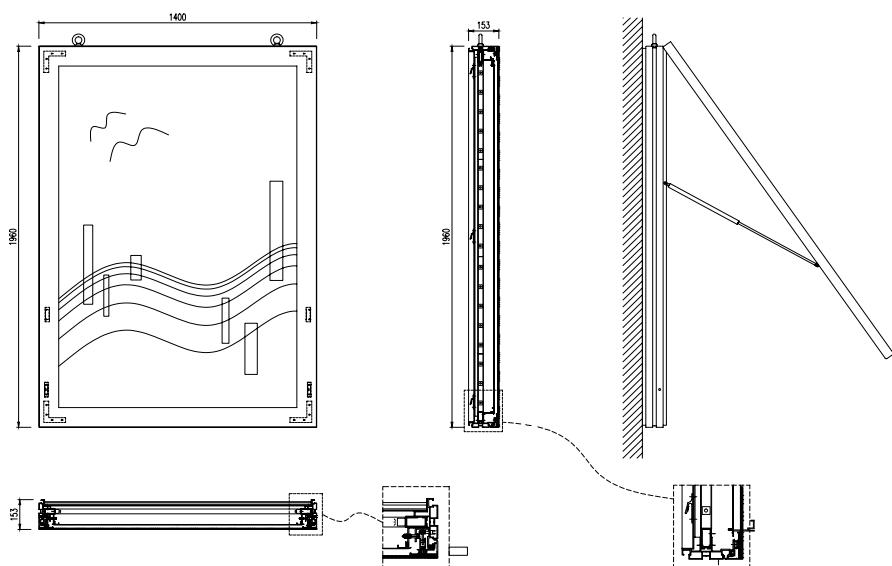
DIMENSIONS - LITBox DFG 2766x1400 REN P01



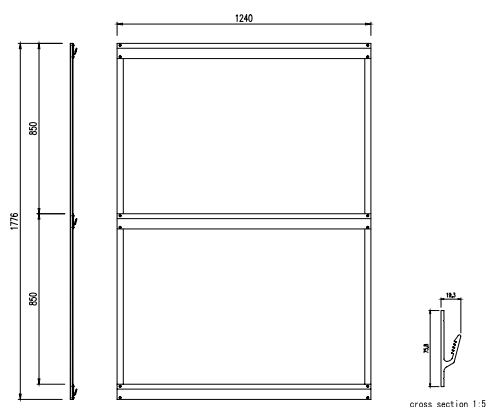
DIMENSIONS - LITBox SFG 2766x1400 REN P01



DIMENSIONS - LITBox SFW 1960x1400 REN P01



SFW Fixing Accessory



LED Converter - OCV5 Slim 100W 12V

CE    **IP67 SELV**

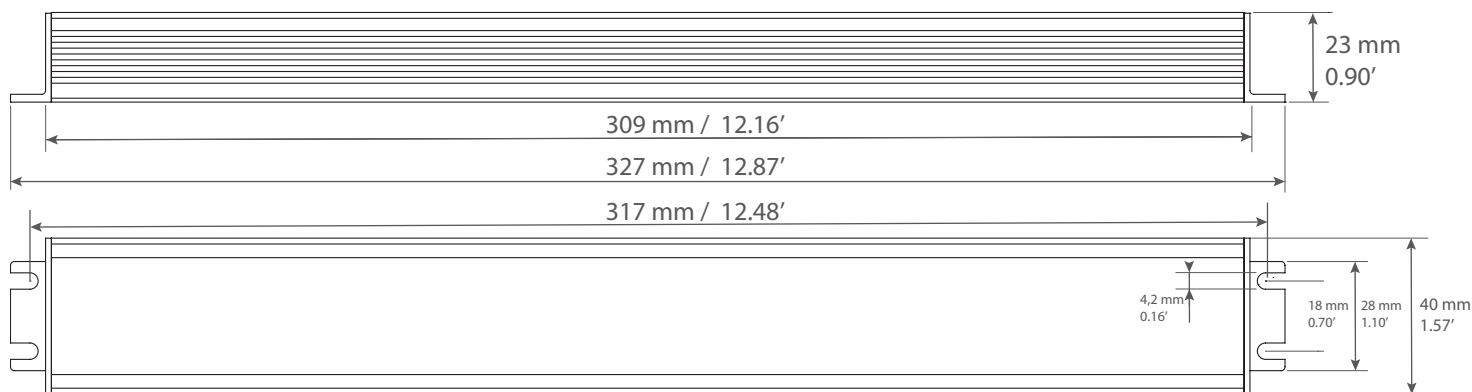
FEATURES & BENEFITS

- Powers any 12V LED lighting applications
- SELV
- The power supply accepts Universal AC line input voltage 100-277 VAC
- Output voltage of 12VDC
- Active Power Factor Correction (PFC) to allow power distribution operate at its maximum efficiency
- Efficiency over 85%
- Protection against short-circuit, over temperature, and overload
- Natural convection cooling
- IP67 for outdoor use. Metal casing fully encapsulated.
- Complies with Class C in the full range load according to EN 61000-3-2


LIFETIME & WARRANTY

- Warranty : 5 years
- 50.000 hrs lifetime - at ambient temperature 50°C
- failure rate of less than 0.2% per 1.000 hrs

DIMENSIONS



LABEL

<div>Input</div> <div>L • (Brown)</div> <div>N • (Blue)</div> <div>⊕ • (Yellow/green)</div>	Uin:	100-277V~	<div></div> <div>LED CONVERTER</div> <div>OCV5 Slim 100W 12V 100-277V IP67</div> <div>Code: 21330007</div> <div><div></div><div>IP67 SELV</div></div>	Uout:	12V = C.V.	<div>Output</div> <div>(Red) • +</div> <div>(Black) • -</div>
	lin:	Max. 1.02A		lout/Pout:	Max. 8.33A/100W (180-277V~)	
	Freq:	50/60Hz			Max. 6.66A/80W (100-180V~)	
	PF(λ):	0.9				
	ta:	50°C		tc=85°C		
	Working temp:	-40~+50°C		origin PRC		
		/full load				
					www.leditinternational.com	

TECHNICAL PERFORMANCE

	21330007	OCV5 Slim 100W 12V 100-277V IP67
Input	Rated supply voltage	100-277 VAC
	Input voltage	90-305 VAC
	Frequency range	47 - 63Hz
	Power factor	PF ≥0.95 at 277VAC (at full load)
	Efficiency	≥85% at 277VAC (at full load)
	Rated current	≤0.54A at 230 VAC 50Hz (at full load)
	Inrush current	50A at 277VAC
	Leakage current	<0.5mA at 294VAC
Output	Output voltage	12 VDC (+/- 5%)
	Output current	8,33A Max - 120 to 277VAC
		6,66A Max - 100 to 120VAC
	Max Output power range	5 - 100W at 120-277VAC
		5 - 80W at 100-120VAC
	Output ripple voltage	50mVp-p (at full load)
	Start up time	1s at 100VAC / 0,5s at 277VAC
	short circuit protection	Yes - with automatic restart
Environment	Over-heat protection	Yes - with automatic restart
	Over-load protection	Yes (flashing)
	Working Temperature	-40°C / +50°C (at full load)
	Storage Temperature	-40°C/+80°C, 10-95% RH

1.All parameters NOT specially mentioned are measured at 220VAC input , rated load and 25°C ambient temperature .

2.The LED driver is considered as a component that will be operated in combination with final equipment , since EMC performance will be affected by the complete installation ,the final equipment manufacturers must re-qualify EMC directive on the complete installation again .

FEATURES & BENEFITS

- ▶ IP67 Design for indoor and outdoor Application
- ▶ Durable and robust LED engine with aluminium profile and high-reflectance white resin
- ▶ High Efficiency: up to 108 lm/W modules
- ▶ DC 12V
- ▶ All modules are equipped with constant current device to ensure that any fluctuation of the output voltage from the converter would not affect the lumen output, increase of temperature or life time of the module
- ▶ Simple installation with Screw and pre-fitted adhesive tape
- ▶ No additional cooling profile required
- ▶ 100% aging tests
- ▶ Wide operating temperature from -20°C to + 50°C

NORMS & CERTIFICATES

- ▶ EN 55015: 2013
- ▶ EN 61547: 2009
- ▶ EN 61000-3-2:2006+A1:2009+A2:2009
- ▶ EN 61000-3-3:2013



LIFETIME & WARRANTY

- ▶ Warranty : 5 years
- ▶ Lifetime : 50 000 hrs

TECHNICAL PERFORMANCE

Code	Designation	Color	ColorTemp	Optic (°)	Voltage (V)	Typical power/mod (W)	Lumen output (lm/mod)	Efficiency (lm/W)	Length (mm)	LED number	Max engine in series
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21820352 ModulBox Line 2500 WDL 10x40° 850mm 12LED 24W 12V IP67 WDL 6000-6500K 10x40 12 24 2590 108 850 12 2 modules

Tolerance range for optical and electrical data: ±15 %.

DIMENSIONS

