

Project: Parking center of Budapest, Hungary
 Product: Mainlux 30W / 40W LED tri-proof light
 Installation time: October/2014

LED tri-proof light

Features

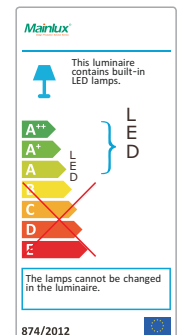
- ☆ system efficacy up to 105lm/W
- ☆ extended system service lifetime up to 50,000hrs (L80/B50) at ambient temperature 35°C
- ☆ outstanding colour rendering performance (Ra = 75 / 80 / 85 / 90), stable colour constancy, consistent light output
- ☆ instant full light on, and instant restart with 100% full luminous flux
- ☆ optional with 0-10V dimming and dali dimming
- ☆ housing of finish color: aluminum grey (RAL9007)

Application



Benefits

- ☆ designed for using in both food(IFS standard) and non-food area,meet variable demands for indoor & outdoor environment
- ☆ up to 70% energy consumption saved compared with metal halide light
- ☆ lower operation & maintenance cost, maintenance factor 0.8



Specification

Item number	Photo	Power (W)	Luminous flux (lm)	Efficacy (lm/W)	Light source	CRI (Ra)	CCT(K)	Lifespan (L80/hrs)	N.W (kg)
MXTP-01-30W		30	3150	105	SMD	>80	5000	>50000	1.45
MXTP-01-40W		40	4200	105	SMD	>80	5000	>50000	1.95
MXTP-01-60W		60	6300	105	SMD	>80	5000	>50000	2.55
MXTP-01-80W		80	8400	105	SMD	>80	5000	>50000	3.05

different Ra(75/80/85/90),CCT(2500–6500K) and lumen required need to contact sales representative separately based on the same CRI, the lumen between 4000–6500K is the same, the lumen from 2500–3500K will be 5%–8% lower the specified luminous flux value corresponds to the gross luminous flux of LED@ 25 °C, this is only a minimum flux and not a maximum. Mainlux may ship products in flux higher than above specified by the item number without advance notice with a tolerance of ±7% on flux and power, ±0.005 on chromaticity (CCx, CCy) and ±2 on CRI.

Technical datasheet

LED	SMD 2835 LED
Colour consistency (SDCM)	4
Beam angle (°)	120
Integrated driver (Yes /No)	Yes
UGR	<19
Surge protection	4KV(10KV available)
Power factor	> 0.95
Dimmable	Yes (Dali / 0-10V)
Operation temperature	- 35 ~ +45°C 10-90% RH
Application temperature	25°C 10-90% RH
Storage environment	- 30 ~ +50°C
On / off cycles (times)	50,000

Electrical connection

System nominal voltage (V)	AC100-240 AC100-277 (American only)
Frequency (Hz)	50/60
THD	<15%

Approval

Impact resistance rating (IK)	09
Protection rating (IP)	65
Glow wire test	650°C
Insulation class	II
Certification	CE, RoHS

Mechanical properties

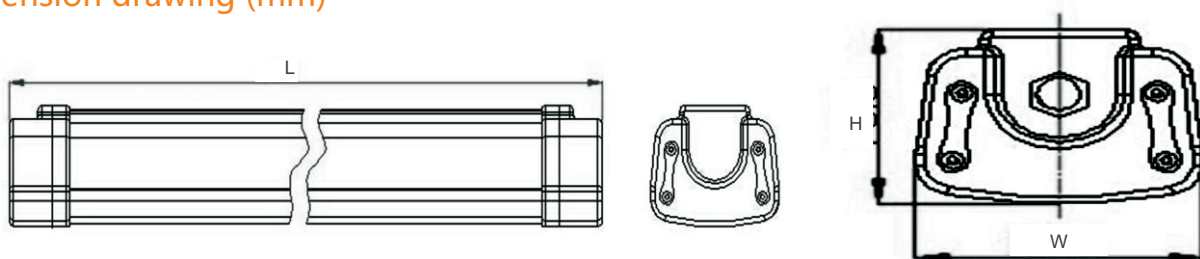
Housing material	aluminum
Optical material	PMMA
Colour of finish for housing	aluminum grey (RAL9007) traffic white RAL9016 for PC cover

Product & packaging information

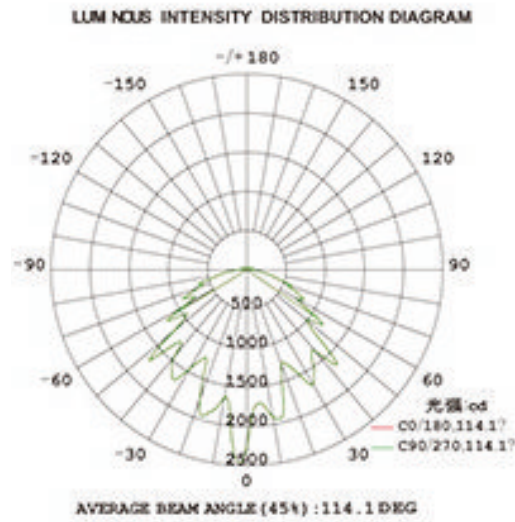
Item number	Item dimension (LxWxHmm)	Net weight (kg)	Packging information		
			pcs / carton	carton dimension (LxWxHmm)	gross weight (kg)
MXTP-01-30W	600x90x74	1.45	6	645x250x210	10.10
MXTP-01-40W	900x90x74	1.95	6	950x260x210	13.30
MXTP-01-60W	1200x90x74	2.55	4	1250x180x210	12.00
MXTP-01-80W	1500x90x74	3.05	4	1550x180x210	14.20

This is current standard parameter, as technology improved, we keep right to improve above information.

Dimension drawing (mm)



Photometric data



Installation & maintenance warning

- ☆ Please strictly according the usage manual to ensure the security of product performance.
- ☆ Please make sure power-off during the process of installation and maintenance !
- ☆ Do not change or modify any parts of product without contact engineer from manufacturer.
- ☆ Please connect the lamp to an effective grounding system to make sure the safety.
- ☆ In order to avoid any danger, the cable or suspension wire must be removed and installed by manufacturer, technical service center or qualified worker.
- ☆ Dispose the lamp specially when the product is not longer use.
- ☆ Please use soft cloth with soap or neutral detergent to clean lamp. Please do not use alcohol or paint thinner !
- ☆ We keep the right to inform you if any change of product.