

LED Luminaire - Pyramid

36W LED 600mm Square Recessed Lay-On Modular Luminaire



Product Overview

The Kosnic Pyramid LED luminaire is an easy-to-install retrofit for standard ceiling tile fittings. Suitable for standard exposed “T” ceiling systems, the Kosnic Pyramid LED luminaire is ideal for commercial and retail premises, offering Edge-Lit technology to achieve constant light across the surface of the luminaire.

Features

- Save up to 50% energy usage compared to traditional fluorescent fittings.
- UGR <19 according to BS EN 12464.
- Compatible with Kosnic’s KTC70EME-PNL emergency module.
- Class II.
- High lumen output.
- Long life of 40,000h.
- Separate flicker free DC driver supplied as standard.
- Can be used with DALI and 0-10V dimming drivers.
- Instant start.
- Negligible UV output.
- Mercury free.

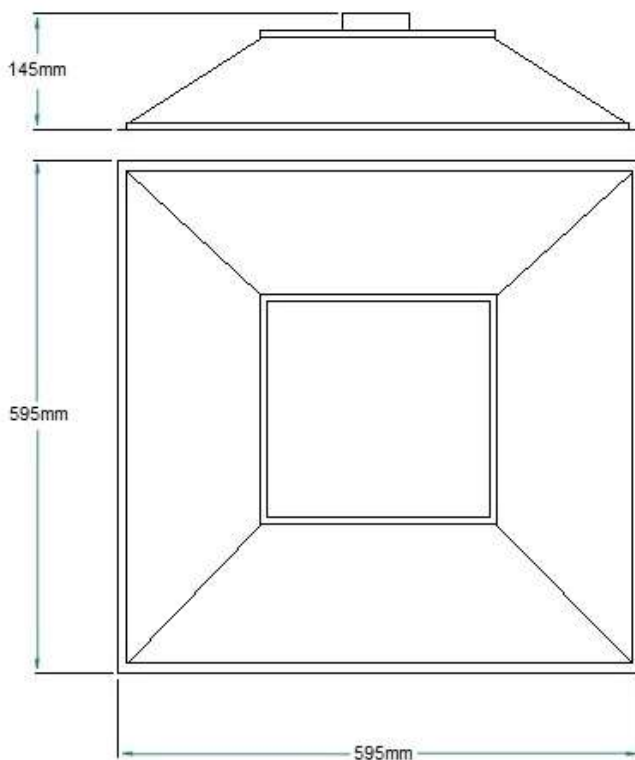
Emergency Module Compatible

The Kosnic Pyramid LED luminaire is compatible with the Kosnic emergency module, which provides power in the event of a cut in the supply and must be wired to the un-switched supply through the un-switched Live terminal. The battery will supply the luminaire for over 3 hours at a reduced output.

Specifications

Product Code	KPYD36PNL-W40
Power (W)	36
Voltage	220-240Vac 50-60Hz
Current (mA)	160
Protection	Class II driver, Class III luminaire, IP20
Power Factor	0.98
Luminous Flux (lm)	3200
CCT (K)	4000K Cool White
CRI	84
Lifetime (h)	40000
Dimmable	No
Switching Cycles	50000
Start Time (s)	0.30
Warm-up time to 60% (s)	Instant full light
Length (mm)	595
Width (mm)	595
Depth (mm)	145
Mercury (mg)	0
Retrofit	Yes
Rated Peak Candelas (cd)	1100
Lumen Maintenance Factor at Lifetime	0.75
Ambient Temperature (°C)	-20 to 40
Compatible Emergency Module	KTC70EME-PNL
Emergency Luminous Flux (lm)	270

Dimensions



Specifications – Constant Current LED Driver

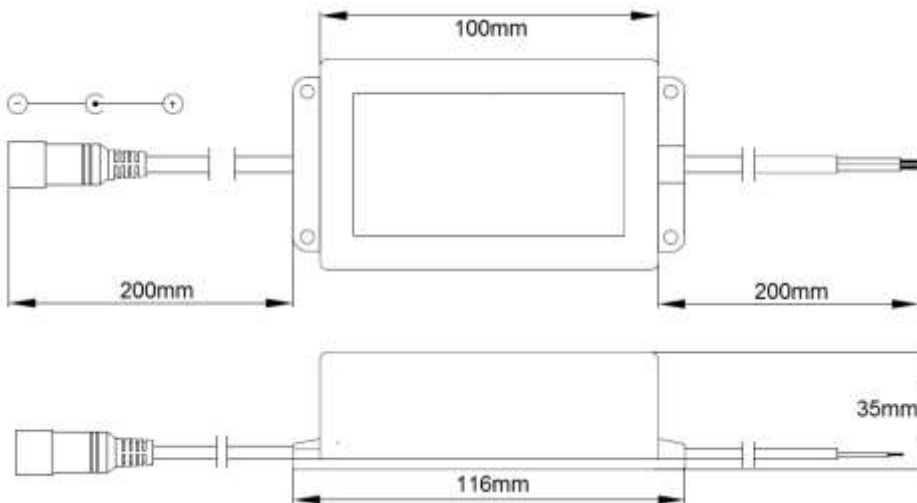
Product Code	CYC050TNL135
Input Voltage	180-264Vac 50-60Hz
Maximum Input Current (mA)	253
Maximum Power (W)	50
Output Voltage	22-36Vdc
Output Current (mA)	1350
Protection	Class II / IP20
Length (mm)	116
Width (mm)	62
Depth (mm)	35
Power Factor	0.98
Maximum Case Temperature (°C)	75
Ambient Temperature (°C)	-20 to 40

Installation Guidance

LED drivers may have a significant momentary inrush current which can cause nuisance MCB tripping if large numbers are simultaneously switched. The following information is offered as a guide to how many drivers can be switched at the same time on various rated MCBs. Testing was conducted using Wylex MCBs.

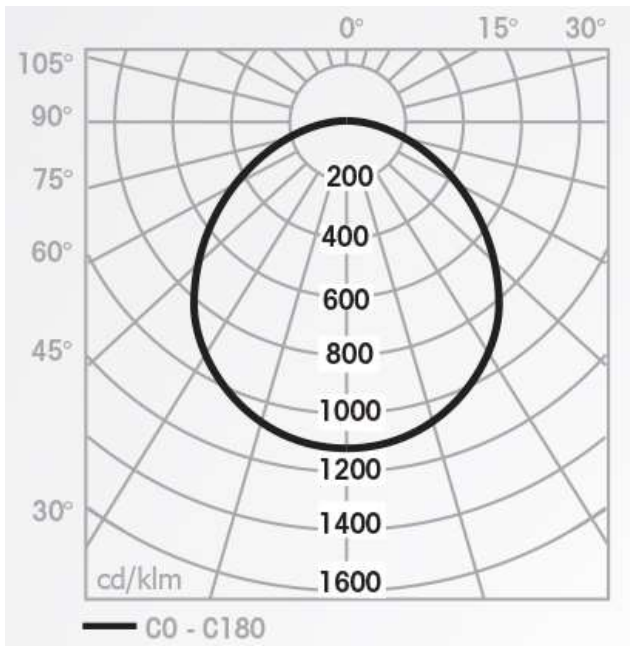
CYC050TNL135	Inrush current peak of 13.8A at 0.7ms				
MCB	Max. No. Drivers	MCB	Max. No. Drivers	MCB	Max. No. Drivers
6A Type B	6	10A Type B	8	16A Type B	16
6A Type C	12	10A Type C	20	16A Type C	32

Driver Dimensions

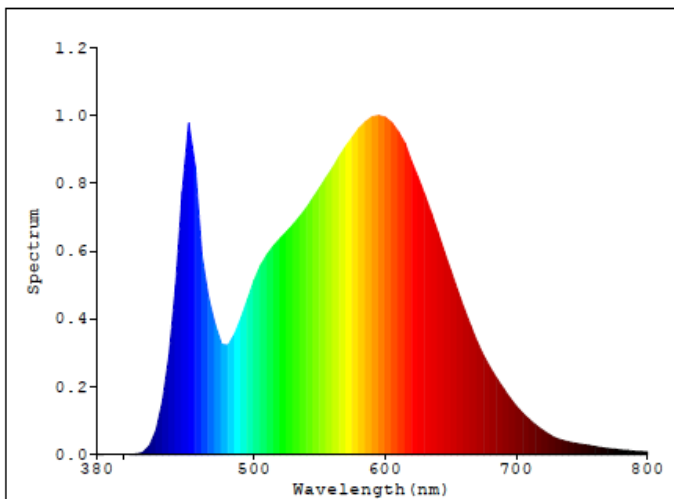


Photometric Information


4000K




lux		spot Ø (m)
4424	0.5m	1.73
1106	1.0m	3.46
492	1.5m	5.19
244	2.0m	6.92




Energy Label



This luminaire contains built-in LED lamps.



The lamps cannot be changed in the luminaire.



I
II
874/2012

(Note: I = Manufacturer Name, II = Product Code)