

LED Downlight

10W, 16W and 23W LED Downlights



Product Overview

The Kosnic LED Downlight range are retrofits for widely used 4", 6" and 8" fluorescent downlights. The 16W and 23W versions are compatible with Kosnic's emergency module, and the range offers affordable products with high lumen efficiency and a long life.

Features

- Save up to 50% energy usage compared to traditional fluorescent fittings.
- Compatible with Kosnic's KTC27EME-DWL emergency module (16W & 23W).
- Class II, IP40
- High lumen output.
- Long life of 40,000h.
- Aluminum housing for better heat dissipation.
- Instant start.
- Negligible UV output.
- Mercury free.

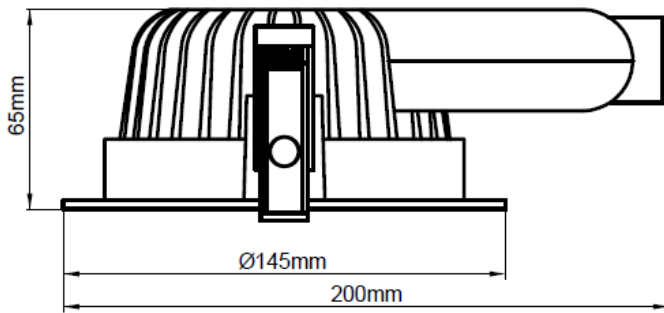
Emergency Module Compatible

The 16W and 23W downlights are 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 lamp for over 3 hours at a reduced output.

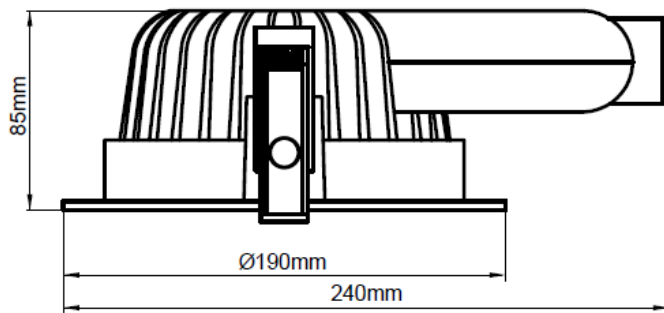
Specifications

Product Code	KLED10DL4/WHT-W40	KLED16DL4/WHT-W40	KLED23DL4/WHT-W40
Nominal Power (W)	10	16	23
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Current (mA)	62	75	108
Protection	Class II / IP40	Class II / IP40	Class II / IP40
Nominal Useful Luminous Flux (lm)	550	900	1250
CCT	4000K Cool White	4000K Cool White	4000K Cool White
Nominal Lifetime (h)	40000	40000	40000
Beam Angle (°)	80	80	80
Dimmable	No	No	No
Switching Cycles	50000	50000	50000
Warm-up time to 60% Φ (S)	Instant full light	Instant full light	Instant full light
Suitable for accent lighting	Yes	Yes	Yes
Length (mm)	200	240	260
Width (mm)	145	190	230
Depth (mm)	65	85	105
Cut-out (mm)	127	170	210
Mercury (mg)	0	0	0
Clean-up instructions	N/A	N/A	N/A
Retrofit	Yes	Yes	Yes
Rated Power (W)	10.0	16.0	23.0
Rated Useful Luminous Flux (lm)	550	900	1250
Rated Lifetime (h)	40000	40000	40000
Power Factor	0.70	0.93	0.93
Rated Peak Candelas (cd)	420	650	950
Lumen Maintenance Factor at Nominal Lifetime	0.80	0.80	0.80
SDCM of CCT	<6	<6	<6
CRI	83	82	82
Start Time (s)	0.49	0.49	0.49
Ambient Temperature Range (°C)	-20 to 40	-20 to 40	-20 to 40
Compatible Emergency Module	No	KTC27EME-DWL	KTC27EME-DWL
Emergency Luminous Flux (lm)	-	190	230

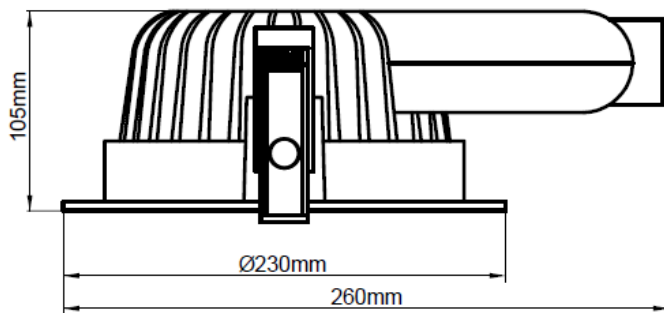
Dimensions



KLED10DL4



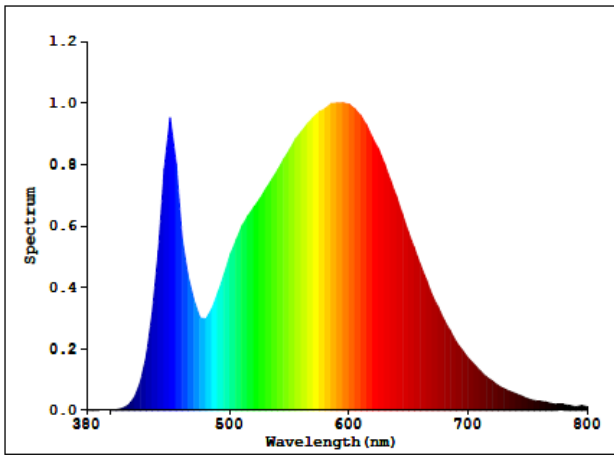
KLED16DL6



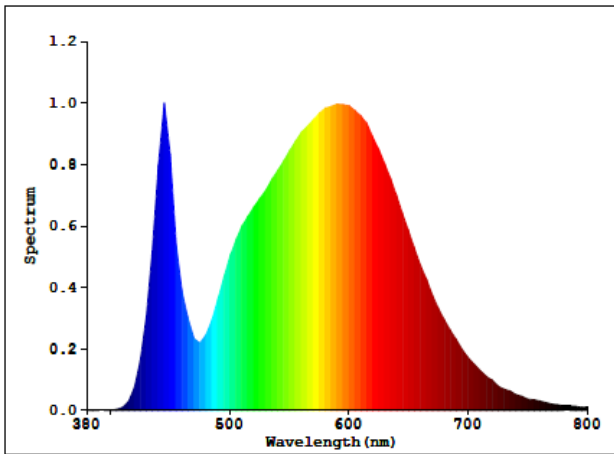
KLED23DL8

Photometric Information

10W 4000K



16W 4000K



23W 4000K

