

LED Circular Surface or Pendant Luminaire

25W, 30W or 35W with Emergency and Sensor Options



Product Overview

Kosnic's LED Circular Surface or Pendant Luminaire offers a low maintenance solution to lighting for all areas, including visually demanding non-transient task areas such as offices and educational premises where users require uniform light to maintain well-being.

Choose the luminaire that is required and then select the back-box containing the driving components. The back-box output will adjust to suit the luminaire. The back-boxes are available as standard, emergency, sensor or sensor and emergency.

The back-box can be surface mounted or suspended if the additional suspension kit is ordered. However, the emergency module green LED charging indicator is on the side of the back-box at the rear of the luminaire and may be difficult to see when suspended.

Features

- Emergency and microwave sensor options
- Surface or suspension mounting
- High lumen output
- Long life of 50,000h (L80B50)
- Instant start
- Negligible UV output
- Mercury free
- UGR<19

Luminaire Specifications (requires Back-Box as below)

Order Code	KPNLLS25CS-W40	KPNLLS30CS-W40	KPNLLS35CS-W40
Power (W) Max	21	25	29
Voltage (Vdc)	30	36	42
Current (mA)	710	710	710
Protection	Class III	Class III	Class III
Luminous Flux (lm)	2100	2200	2940
Emergency Flux (lm)*	400	400	400
CRI	82	82	82
CCT (K)	4000K Cool White	4000K Cool White	4000K Cool White
Lifetime (h)	40000	40000	40000
Dimmable	No	No	No
Switching Cycles	50000	50000	50000
Warm-up time to 60% (S)	Instant full light	Instant full light	Instant full light
Peak Candelas (cd)	690	750	970
LMF at Nominal Lifetime	0.75	0.75	0.75
Diameter (mm)	400	500	600
Depth (mm)	12	12	12
Material	Aluminium, Steel, Polycarbonate	Aluminium, Steel, Polycarbonate	Aluminium, Steel, Polycarbonate
Mercury (mg)	0	0	0
SDCM of CCT	<6	<6	<6
Ambient Temperature (°C)	-20 to 40	-20 to 40	-20 to 40

* Requires a back-box with emergency function.

Back-Box Specifications (add to order)

Order Code	KPNLLS-BB	KPNLLS-BB/E	KPNLLS-BB/S	KPNLLS-BB/S/E
Description	Standard	Emergency	Sensor	Sensor and Emergency
Input Power (W) Max*	38	41	39	42
Input Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Input Current (mA) Max*	175	190	185	200
Output Voltage	28~48	28~48	28~48	28~48
Output Current (mA)	710	710	710	710
Ripple Current	<10%	<10%	<10%	<10%
Protection	Class I	Class I	Class I	Class I
Power Factor	≥0.95	≥0.95	≥0.90	≥0.90
Lifetime (h)	40000	40000	40000	40000
Dimmable	No	No	No	No
Diameter (mm)	262	262	262	262
Depth (mm)	50	50	50	50
Material	Steel	Steel	Steel	Steel
Ambient Temperature (°C)	-20 to 40	-20 to 40	-20 to 40	-20 to 40
Emergency Function	No	Yes	No	Yes
Conversion Time		1 second		1 second
Operating Time		3 hours		3 hours
Battery Charging Time		12 hours		12 hours
Battery Life		4 years		4 years
Battery Type		Samsung Li-Ion		Samsung Li-Ion
Battery Capacity		2600mAh		2600mAh

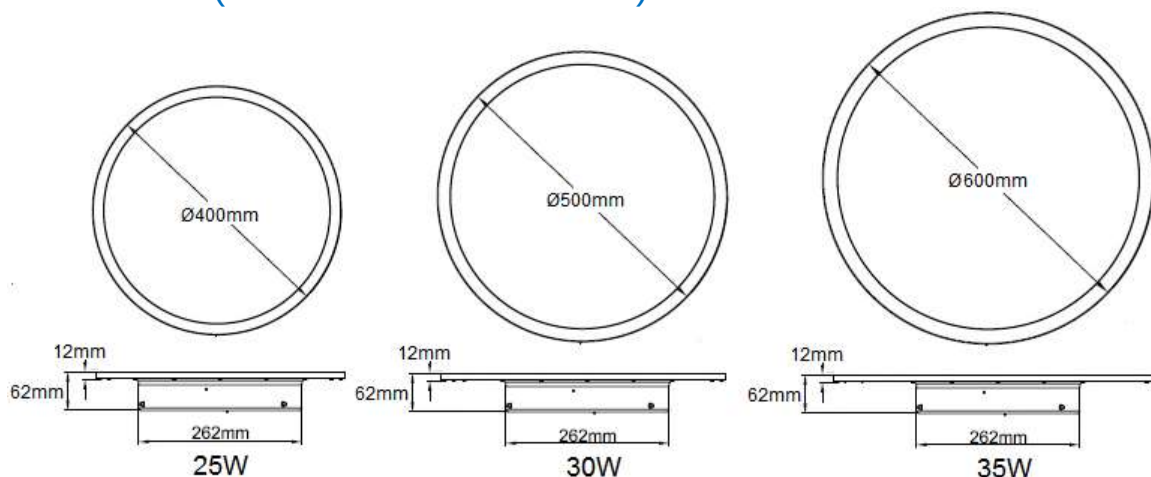
Battery Voltage	7.4V			7.4V
Battery Code	KBAT2600			KBAT2600
Microwave Sensor	No	No	Yes	Yes
Detection Zone (Diam. x H)				12m x 6m
Sensitivity				10, 25, 50, 75, 100%
Operation Time				5s to 30minutes
Standby Power				≤0.5W
Sensor Output				<0.5mW
HF System				5.8GHz +/- 75MHz

* When used with the KPNLLS35CS luminaire

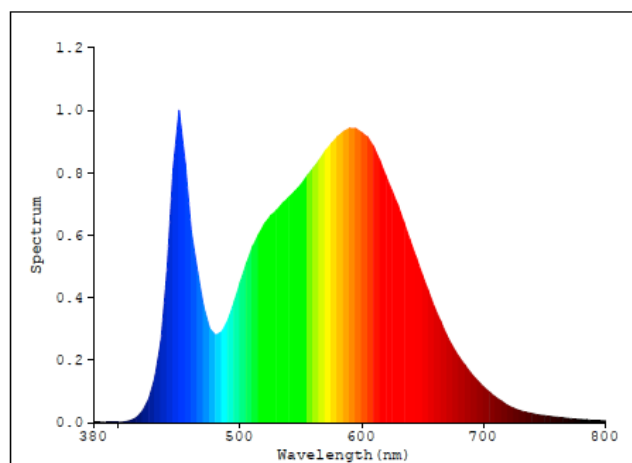
Accessories

Order Code	KPNLLS-SUS
Description	Suspension kit
Details	Mounting plate with terminals and suspension wires. Ø200mm x 40mm. Maximum 0.8m drop.

Dimensions (Luminaire with Back-Box)



Photometric Information



4000K

Energy Label

