



Cumulus

Cumulus 80W Modular linear LED low bay & architecture flood light

The Kosnic Cumulus Linear Low Bay luminaires are a modular lighting system. The system is based on a main 80W unit which can be extended with one or two 36W extension units. They offer huge energy savings, efficiency, and high performance, replacing conventional lighting in general industrial areas, manufacturing, warehousing, leisure facilities, retail environments and architectural lighting. There are options to install a microwave motion sensor with stand-by dimming, daylight threshold and remote control, and an emergency module.

KLBC80L1-P50 ()

Specification

Voltage	100-240 Vac 50-60Hz (Main Unit), 53Vdc (Extension Unit , max. 2), 220-240Vac 50/60Hz (emergency module)
Current (mA)	395 (main unit) (+1 extension unit = 537, +2 extension unit = 681), 679 (extension unit), 39 (emergency module)
Rated Power (W)	80 (main unit), 36 (extension unit), 8 (Emergency module)
CCT Words	Day Light
CCT (K)	5000
Total Luminous Flux (lm)	12800, 5760 (extension unit), 1040 (emergency module)
Beam Angle(°)	90 or Polarized
Nominal Lifetime (h)	54000
Flicker %	1
Power Factor	0.88 (+1 extension unit = 0.94, +2 extension units = 0.97), 1.0 (extension unit), >0.95 (emergency module)
Ambient Temperature Range (°C)	-25 to 40
Weight (kg)	3.53 (1.35 extension unit)
In-rush current (peak/duration) (A)	65 / 550us
Protection Rating	Class I
IK Rating	IK10
IP Rating	IP65
On-Site Warranty	2 Years

Light Source Specification

Dimmable (Y/N/Specific dimmer)	1-10V
CRI	>80
Lumen Maintenance Factor (x.xx)	0.75

Optional Gears and Accessories

Accessories 1

Microwave Sensor KPT-KHBNC1-MWS1

Accessories 2

Emergency Module KPT-KLBCLC-EME

Accessories 3

Remote Controller KPT-MWS-CON

Accessories 4

Surface Mount Bracket KPT-KLBCL1-B1

Technical Drawings

