



An "environmental protection, energy saving and high efficiency" solution

"Spot Max" downlight applied the latest Philips LED module, with simple and perfect appearance, environmental friendly. It delivers an extremely high energy efficient, low maintenance ratio, consistent light output, high lumen output with over Ra 85, and brilliant light quality.

"Spot Max" offer difference options for more flexibility to the architects and designers.

Energy saving

Applied with Philips LED module. Spot Max helps you save on your energy bills by providing up to 60% energy saving comparing to conventional halogen and compact fluorescent tube. Perfect replacement for 75W, 100W CDM or 2 x 32W / 2 x 42W CFL downlight or PAR38 120W / PAR56 300W.

Low maintenance ratio

50,000 hours life time with 70% lumen maintenance (B50L70), making it a true "fit & forget" solution. Fitted on our aluminum passive / active heatsink.

LED Module replacement

The latest version of LED module can easily being replaced at the end of the life time or earlier for the change of color temperature without replace the completed luminaires (Twistable DLM Module only).

Light Quality

Features the latest LED remote phosphor technology, delivery consistent light output, stable color temperature performance and high color rendering (Ra > 85). UV and IR free.

Cool light beam

Providing extra savings on the air-conditioning, reducing the loading of air conditioner to achieve more energy savings.

Application

Perfect replacement for Halogen / CFL Downlight / PAR / CDM applied in the high ceiling area.

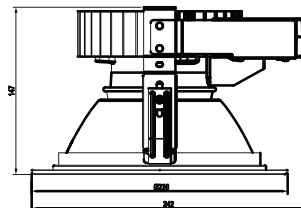
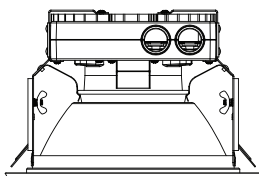
- Public Area - Lobby
- Office
- Hospital and cruise ships
- Corridors, Services area, and Restaurant
- Retail shop lighting
- High ceiling area - Artium

Specifications

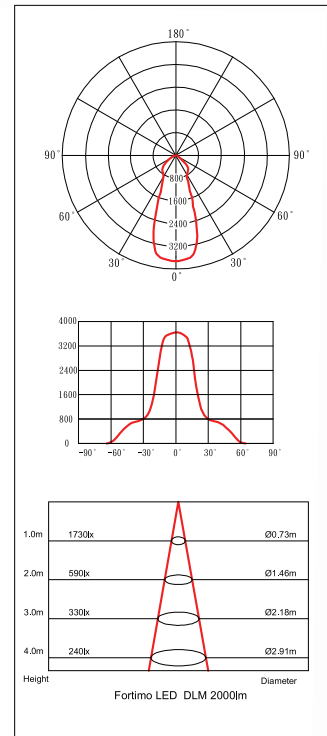
Light Source	Latina
CRI	85
Light Color	3000, 4000
Power consumption	31W
System efficacy	64lm/W
Power factor	> 0.90
Voltage	220-240V
Driver	Integrated
Cut out	190mm
Material	Fixation: Steel Reflector: Aluminum Heatsink: Aluminum Extrusion Front rim: Aluminum
Installation	Spring fasteners
Operating Temperature	-20C < Ta < 40C
Ambient temperature for max. performance	25C
Lifetime	50k hours (70% lumen maintenance at Ta = 25C)
Dimming	Non-dimmable
Reflective Ratio	>90

Certificate

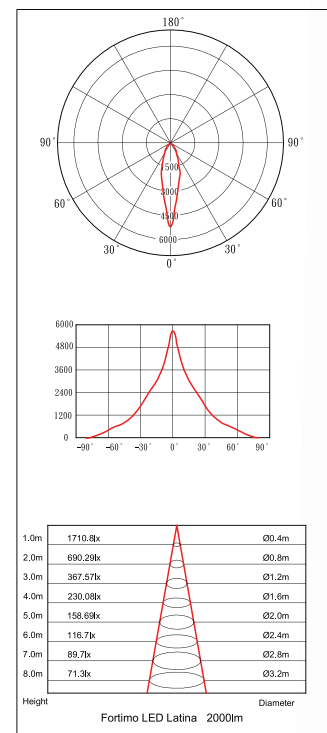
EN 60598, EN 55015:2006-12;A12007-05, EN 61547:1995-09;A12000-08, EN 61547:1995-10;A1 2000-12, IEC 61000-3-2;2005-11, EN 61000-3-2;2006-04, IEC 61000-3-3;1994-12 A1 2005-08, EN 61000-3-3;1995-01, IEC 62031:2008 LED module for general lighting-Safety specification, IEC 62471 Photobiological safety, IEC 62384:2006 DC/AC applied electronic control gear for LED module performance, ROHS



Beam angle 40°



Beam angle 22.5°



Remarks: Philips Warranty 3 years.