



1,000 shades of white light

Philips Lixel LED DLM system – A flexible LED lighting solution creating thousands of shades of white light and colors from a single source

PHILIPS
sense and simplicity

1,000 shades of white light

The Philips Lixel LED DLM system is designed for general lighting applications in the professional market, enabling the creation of various atmospheres with changing tones of white light and different colors from a single light source.

The system consists of an LED module and a dedicated LED driver, with a cable (optional) designed for use in new luminaires together with a heatsink, reflector design and a user-interface.

A unique intelligent feedback system guarantees precise selection of white color temperature (CCT) from 2,700 to 6,500K, color rendering (R_a) 80 or higher and color consistency between modules and over lifetime.

This future-proof system has fixed form and lumen packages and external heatsink and optics can be easily attached to the module. Dimmable and featuring instant 100% light, they run through a unique control interface that allows the same light source to be used on a DALI, DMX/RDM network. Philips Lixel LED DLM SYSTEM is a comfortable lighting solution that emits no heat or UV which also benefits retailers looking to preserve the color fastness of their products or garments.



3,175k



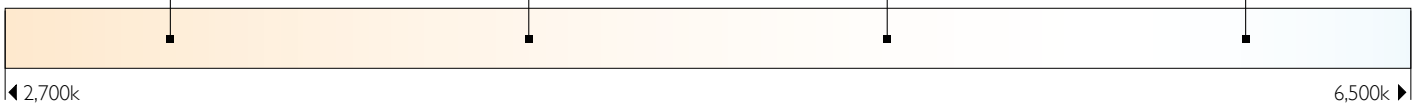
4,125k



5,075k



6,025k



Benefits

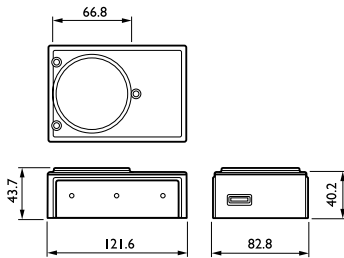
- Create various lighting atmospheres with a single light source
- Color quality and consistency over time and among modules
- Uniform colors even in shadows
- Enable a faster luminaire creation process
- Easy use of active cooling solutions by extra 12V output connector on LED driver
- Access to the latest LED technology without significant R&D investments
- Very high optical luminaire efficiency
- Comfortable, pleasant light without heat or UV
- Fixed form factor and lumen package
- Long lifetime of 50,000 hrs

Applications

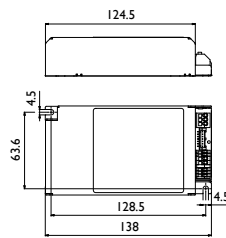
- Shops – Shop windows, wall-washers, leisure areas, focus islands and shop-in-shop concepts
- Offices – Presentation areas such as reception, boardrooms and restaurants
- Hospitality – Lobbies, reception areas, restaurants, bars, elevator halls
- Recreation – Museums, galleries, theaters and other places of interest

Dimensions (typical data; ± 0.2mm)

Lexel LED DLM module



Lexel LED DLM driver



Commercial Specifications Philips Lexel LED DLM system

Philips Lexel LED DLM system	Typical Power (W)	Light Output (lm)	Efficacy LED module + driver (lm/W)	Comparable LED efficiency (lm/W)
Lexel LED DLM 1100 40W DALI/DMX	40	1,000	25	110

Philips Lexel LED DLM system	Input voltage (V)	Input Frequency (Hz)	Colour Temperature (K)	Colour rendering index (R _a)	RGB
Lexel LED DLM 1100 40W DALI/DMX	120-277	50-63	2,700-6,500	80	R: (X=0.610,Y=0.320) G: (X=0.250,Y=0.610) B: (X=0.200,Y=0.160)

Philips Lexel LED DLM system	Colour consistency initial & @10K hrs. (SDCM)	Lumen maintenance @35K hrs. (%)	Control Interface	Dimming	Class	Power factor	Total harmonic distortion (%)	Tc Life LED module (°C)	Tc max LED module (°C)	Tc Life LED driver (°C)	Burning position
Lexel LED DLM 1100 40W DALI/DMX	5 / 6	70	DALI, DMX/RDM	100-0%	I	>0.95	<20%	65	65	65	Universal

Ordering data Lexel LED DLM system and accessories

	Box packaging Qty	EOC
Lexel LED DLM module 1100 2700-6500	6 pcs	8727900 813227 00
Lexel LED DLM Driver 1100 DALI/DMX	6 pcs	8727900 885750 00
Lexel LED DLM cable 1100	6 pcs	8727900 813241 00
LED DLM cable 60 cm	6 pcs	8727900 879896 00
Philips SmartJack Pro	1 pc	8717943 701780 99



Philips SmartJack Pro
For changing DMX-mode and DMX-address

Philips Lexel LED DLM is a dynamic system therefore product specifications as power, light output and color rendering are not constant. For details please consult the Design-in Guide for this system.



For more information, visit:
www.philips.com/lexel
www.philips.com/OEM

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