

Philips Lexel LED Downlight Module System

A thousand shades of white light



Features

- 2700-6500K CCT and color tuneability
- CE recognized
- 5 year warranty on system
- DALI, DMX/RDM control interface
- Dimming from 100% to 0% without color shift

Benefits

- Min 80 CRI
- 70% lumen maintenance @ 35K/hrs
- Comfortable pleasant light without heat or UV
- Specified to meet the needs of the lighting industry
- Future proof, convenient modules

Applications: Retail downlighting, office and hospitality ambiance lighting

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1. LED Light Module

This future-proof module is designed to easily integrate into new or existing fixtures. It delivers high quality illumination, uniform colors, perfectly mixed light and consistency with enough lumens to compete with conventional light sources.

Description	Initial Lumens	CRI	CCT (K)	System Input Power (W)	System Efficacy (Lm/W)	Input Voltage (V)	Module B50 L70 (Hours) T case max 65°C	Fortimo DLM Part Number
Lexel LED Downlight Module 1100	1000	>80	2700-6500	40	25	120-277	35K	929000463203

2. Driver Solution

The highly efficient Lexel LED driver is specifically designed for the modules. These drivers have various features including dimming through a control interface through a DALI or DMX/RDM network, thermal foldback, fixed output and a 12V auxiliary output which can be used with a Nuventix SynJet among other options.

Description	Input Voltage	Dimming	Wattage	Fortimo Driver Part Number
Lexel LED Downlight Module Driver	100-277VAC	DALI, DMX/RDM	40W	929000484203

3. Cable Solution

As an important part of the Lexel Downlight Module system, this cable has been specifically designed to maintain the quality of the overall system as well as ensuring the system warranty.

Description	Fortimo Cable Part Number	
	250mm	600mm
Lexel LED Downlight Module 1100	929000463503	929000484803

4. Thermal Management Solution

To optimize the lifetime and amount of light from the Lexel Downlight Module system, it must operate within specified temperature limits. In conjunction with Nuventix heat sinks (passive cooling) and Nuventix SynJet coolers (active cooling), proper thermal management will give you the ability to control the overall system performance.

Description	Nuventix Heat Sink Part Number	Nuventix SynJet Cooler Part Number	Nuventix Wire Harness
Lexel LED DLM 1100 - T _{amb} 40°C	HSSLS-CALBL-005	SSSLS-CM012-017	WALLS-C4600-001



5. Optical Solution – Reflector

All applications require a specific optical distribution pattern. Alux-Luxar, a leading aluminum reflector manufacturer, offers products in multiple beam angles and shapes to fit most applications in pre- and post-anodized materials.

Description	Aluminum Square		Aluminum Round	
	Specular 2x35°	Diffuse 2x32°	Specular 2x35°	Diffuse 2x20°
Lexel LED Downlight Module 1100	FLC 100	FLC 200	FLC 600	FLC 700



6. Optional System Components

Description	Part Number
UID 8510 ToBeTouched IR	913700335203
UID 8530 ToBeTouched CT DMX	913700335403
UID8520 ToBeTouched DIM DALI (90-260V)	913700335303
UID 8540 ToBeTouched Color DMX	913700335503
UIA 8550 ToBeTouched PSU	913700338603

Note: Current specifications, subject to change. Please check our website for the latest specifications.