

DPFLED Showcase Lighting System

Quality retail showcase lighting systems



DATA SHEET

DPFLED High Output Linear LED Lighting Frame

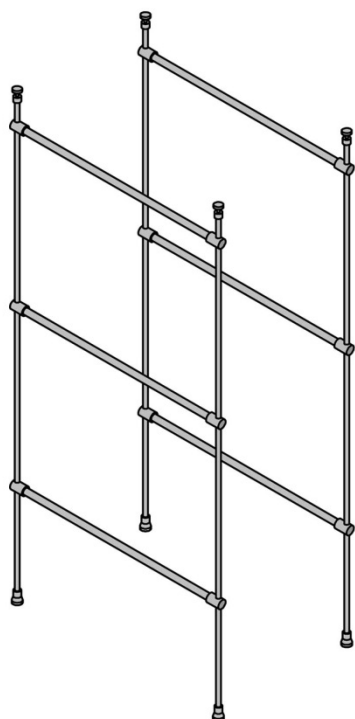


DPFLED luminaires have been designed to be integrated into glass display cases to illuminate each shelf directly eradicating inherent shadows and making your displays sparkle. The circular horizontal LED profile gives a powerful even wash of light and Display Lighting offer four different colour temperatures with high CRI to ensure your products are illuminated to their full potential.

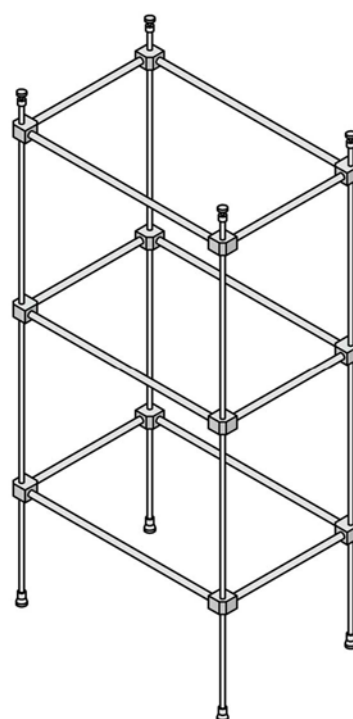
DPFLED can be manufactured in a number of formats (either single, two, three or four sided), they are simple to install and can be fixed into both new displays and retrofitted into existing displays. This system can be manufactured to form an integral part of your display and can also support shelves to cut down on the number of components required.

- Integrated Philips LEDs.
- Adds 'sparkle' to jewellery, watches and glass.
- Low heat illumination.
- No ultraviolet light so does not fade materials.
- Uniform shadow-free illumination.
- Unobtrusive.
- Bespoke/Made to measure product.
- Reduces heat emissions and heat build-up in store.
- Shelf Support.
- Reduces energy bills by up to 80%.

2 Sided Configuration



4 Sided Configuration



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Luminaire Technical Specification

Overall Width: < 2500mm (Fixing Centres)

LEDs per Metre: 140

Overall Height: < 2000mm

Diameter (Ø): 15mm

Life Expectancy: 30'000 Hours*

Input Voltage: 24V DC Constant Voltage

Material/s: Aluminium / Brass / Acrylic

Beam Angle: 60 Degrees

Finishes: See options below

Power Consumption: 15W/m

Usable Flux: 1734 lm/m

Usable Efficiency: 147.02lm/W

Fixing/s: See options below

Warranty: 3 Year/s

Ta: 40°C

Tc: 50°C

IP Rating: IP20

Class: III

Dimming: 1 – 10V | Triac | Bluetooth

Lead Length: Please specify

Colour Temperatures: 3000K 4000K 5700K 3000K/5700K

Adjustment: Can be rotated & fixed

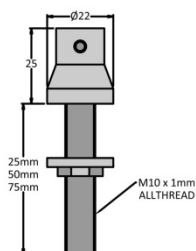
Connection: Hard Wired

Lead Length: Please specify

* *Life expectancy can be affected by high ambient temperatures, lack of ventilation and humidity levels.*

Standard Fixings

RF10 Rear Fix



Diameter: Ø22mm

Height: 25mm

Fixing: M10 x 50mm Thread

Cutout: Ø11mm

Material: Brass

Mounting: Vertical / Horizontal

FF10 Face Fix



Diameter: Ø30mm

Height: 25mm

Fixing: Screw Fix (Hidden bezel)

Cutout: Ø7mm

Material: Brass

Mounting: Vertical / Horizontal

GF10 Glass Fixer



Diameter: Ø20mm

Height: 10mm

Fixing: M5 Thread

Glass Cutout: Ø6mm

Material: Brass

Mounting: Vertical/Horizontal

tel: 0161 207 3355 fax: 0161 207 3356 www.display-lighting.com

See Displays in a New Light

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Colour Appearance (CCT)

Warm White (WW)	3000K	CRI>85+	1540lm/m
Neutral White (NW)	4000K	CRI>85+	1680lm/m
Cool White (CW)	5700K	CRI>80+	1610lm/m
Cool/Neutral White Mix (CN)	3000K/5700K	CRI>80+	1650lm/m

Constant Voltage LED Drivers

Model Number	Input Voltage	Output Voltage	Wattage	Dimming
PCV2412	220–240VAC (50-60Hz)	24V DC	12W	
PCV2420	220–240VAC (50-60Hz)	24V DC	20W	
PCV2436	220–240VAC (50-60Hz)	24V DC	36W	
PCV2460	220–240VAC (50-60Hz)	24V DC	60W	
PCV24100	220–240VAC (50-60Hz)	24V DC	100W	
PCV24150	220–240VAC (50-60Hz)	24V DC	150W	
PCV2420TD	220–240VAC (50-60Hz)	24V DC	20W	Triac
PCV2430TD	220–240VAC (50-60Hz)	24V DC	30W	Triac
PCV2445TD	220–240VAC (50-60Hz)	24V DC	45W	Triac
PCV2460TD	220–240VAC (50-60Hz)	24V DC	60W	Triac
PCV2480TD	220–240VAC (50-60Hz)	24V DC	80W	Triac
L05011i2	180–240VAC (50–60Hz)	24V DC	20W	1 – 10V

Constant Voltage power supplies must be wired in parallel in accordance with data sheet accompanying the product.

Ordering

The new DPFLED showcase lighting system is a bespoke product manufactured to exact specifications in short lead times by our expert manufacturing team. DPFLED can be manufactured to illuminate from one, two, three or four sides of the showcase. To order the DPFLED system please send a drawing of the showcase, this will also help us to understand exactly what the requirements are, please email drawings to technical@display-lighting.com.

Type	Width (fixing centres)	Length (fixing centres)	Height	Colour Appearance	Fixing (base)	Fixing (top)	Finish
DPFLED/24	<1000mm	<1000mm	<2000mm	WW 3000K	RF10	RF10	01 White
				NW 4000K	FF10	FF10	02 Black
				CW 5700K		GF10	03 Chrome
				CN 3000K/5700K			04 Gold
							05 Brushed Chrome
							06 Silver

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