

DXPLED Artist Series

Museum Gantry Luminaire

Quality museum showcase lighting systems



DATA SHEET

DXPLED Artist Series Single Gantry Luminaire



DXPLED Artist Series luminaires have been designed to be integrated into museum display cases and counters to give a uniform controllable illumination eradicating inherent shadows giving clarity.

DXPLED circular horizontal LED profile produces a uniform wash of light and is available in four different colour temperatures (CCT) offering an unrivalled CRI Ra: 98 with CRI R9: 95 to ensure artefacts are illuminated perfectly.

- Integrated non replaceable LEDs.
- Low heat illumination.
- No ultraviolet light so does not fade materials.
- Dimmable (TRIAC, DALI, Bluetooth)
- Uniform shadow-free illumination.
- Unobtrusive.
- Bespoke/Made to measure product.

DXPLED Artist Series meets the industry's highest standards for color quality, initial color consistency, color and lumen maintenance, and color and lumen consistency along its full length. Long-term warranties are available on both output and color consistency, creating a strong case for lowest total cost of ownership and smallest ecological footprint, while insuring consistent lighting design quality for the life of the installation.

Luminaire Technical Specification

Maximum Overall Width:	< 2500mm <i>(width dimensions taken to fixing centres)</i> <i>NOTE: central support is required for lengths over 1500mm</i>	Maximum Overall Height:	< 1000mm <i>(height dimension taken from fixing surface to highest point of gantry luminaire)</i>
Life Expectancy:	50'000 Hours	Input Voltage:	24V DC (Constant Voltage)
Material/s:	Aluminium / Brass / Acrylic	Beam Angle:	60 Degrees
Finishes:	See finish options on Page 3.	Power Consumption:	7.2W/m
Typical Flux (Clear Diffuser):	2700K 3000K 3500K 4000K	LEDs per Metre:	70
Fixing/s:	See fixing options on Page 3.	Warranty:	5 Year/s *
Ta:	40°C	Tc:	50°C
IP Rating:	IP20	Class:	III
Dimming:	Dali Triac Bluetooth	Lead Length:	Manufactured to Specification
Connection:	Hard Wired	Adjustment:	Fixed Angle
Colour Rendering:	CRI Ra: 98; CRI R9: 95 // TM-30 Rf: 95	Efficacy:	100 lumens per Watt (typ)

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

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Standard Fixings

RF Rear Fix



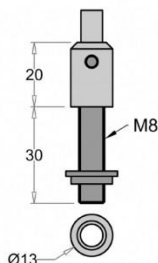
Diameter: Ø20mm
Height: 25mm
Fixing: M10 x 50mm Thread
Cutout: Ø11mm
Material: Brass
Mounting: Vertical / Horizontal

FF Face Fix



Diameter: Ø30mm
Height: 25mm
Fixing: Screw Fix (Hidden bezel)
Cutout: Ø7mm
Material: Brass
Mounting: Vertical / Horizontal

RFS Small Rear Fix



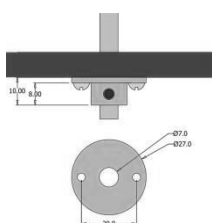
Diameter: Ø13mm
Height: 20mm
Fixing: M10 x 30mm Thread
Cutout: Ø9mm
Material: Brass
Mounting: Vertical / Horizontal

HF Hidden Fixing



Diameter: Ø30mm
Height: 12mm
Fixing: Screw Fix
Cutout: Ø7mm
Material: Brass
Mounting: Vertical

HFB Hidden Fixing Bezel



Diameter: Ø30mm
Height: 12mm
Fixing: Screw Fix
Cutout: Ø7mm
Material: Brass
Mounting: Vertical

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Colour Appearance (CCT)

Very Warm White (VWW)	2700K	CRI98 R9 95	720lm/m
Warm White (WW)	3000K	CRI98 R9 95	720lm/m
Mid White (MW)	3500K	CRI98 R9 95	720lm/m
Neutral White (NW)	4000K	CRI98 R9 95	720lm/m

Constant Voltage LED Drivers

Model Number	Input Voltage	Output Voltage	Wattage	Dimming
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	
UVC2425TD	220–240VAC (50-60Hz)	24V DC	25W	Triac
UVC2450TD	220–240VAC (50-60Hz)	24V DC	50W	Triac
PCV2460TD	220–240VAC (50-60Hz)	24V DC	60W	Triac
PCV2480TD	220–240VAC (50-60Hz)	24V DC	80W	Triac

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

Ordering Example code: DXPLED/24.1000.VWW.300.FF.02

Type	Width (Fixing Centres)	CCT Correlated Colour Temperature	Height	Diffuser	Fixing	Finish
DXPLED/24	<2500mm	VWW 2700K	<1000mm	C Clear	RF	01 White
		WW 3000K		F Frosted	FF	02 Black
		MW 3500K		W White	RFS	03 Chrome
		CW 4000K			HF	04 Gold
					HFB	05 Brushed Chrome
						06 Silver
					XXX RAL Colour	