

Light Projects^{LP}

Light Projects Group



*Art*LED Gallery and Museum Spotlights



Vermeer's 'Girl with a Pearl Earring' - Lit using ArtLED

ArtLED A versatile museum & gallery display luminaire

Features

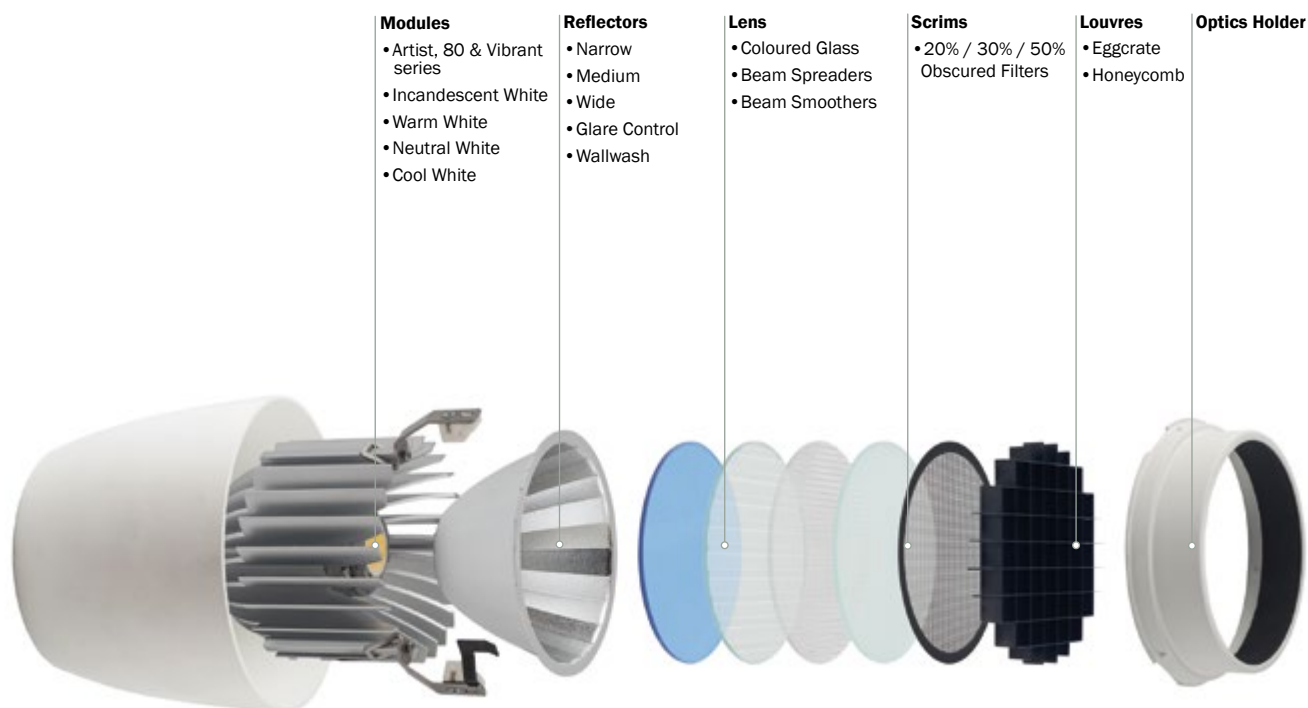
- Available in three formats: Integral Short, Integral Tall, Remote
- Single optics holder for interchangeable reflectors & accessories
- Easy change reflector system with 6 interchangeable combinations including:
 - 14° Narrow, 27° Medium & 52° Wide
 - Unique compact asymmetric Wallwash system
 - Glare control options for a perfect field
- Full range of accessories including:
 - Spread Lenses, Coloured Glasses, Scrim Filters & Barn Doors
- One handed adjustment & focus locking
- Constructed from aluminium die-casting & extrusions with epoxy polyester powder coating
- Range of drive currents available to tune outputs
- Range of dimming protocols:
 - Switched, Mains Dim, DALI, 0-10V, 1-10V, Self Dimming
- Integrated wrap around passive heatsink
- Mounting options: Surface, Single & 3 Circuit tracks
- No exposed cables
- RAL finishes

LED Module

XICATO



- Xicato XSM LED Module:
 - Corrected cold phosphor technology
 - Consistent colour: 1x2 MacAdam ellipse on black body locus
 - Maintained colour – within 0.003 $\Delta u', v'$
- High colour rendering index across 4 colour temperatures
 - Artist series – Ra (R1-R8) ≥ 95 , R9 ≥ 90 , R15 ≥ 95
 - 80 & Vibrant series - Ra (R1-R8) ≥ 80
- 5 year guarantee : Xicato certified + Harvard gear package
- Max luminous efficacy : Artist series - 57 lm/W
Vibrant & 80 series - 93 lm/W
- Lumen maintenance: 50,000 Hours LM-80 / TM-21
- Maximum ambient temperature 40°C
- Zhaga B3 light engine formats in development





ArtLED Integral S

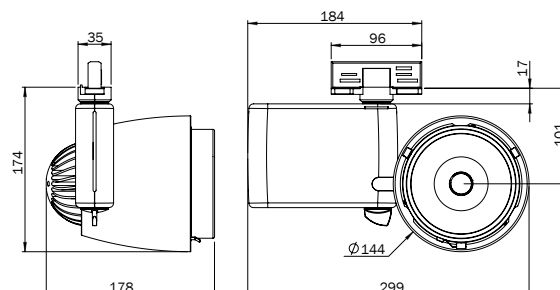
Description: ArtLED Integral Short body display spotlight

Part Number: 481xxxx - XXX - X - XX (See specification table)

LED Source: Xicato XSM Module

Weight: 1.6kg

CE Class 2 □ 0.5m |



ArtLED Integral T

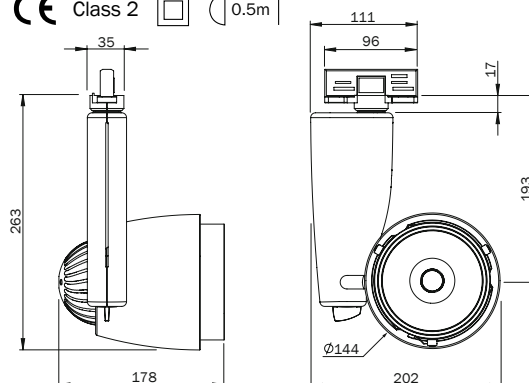
Description: ArtLED Integral Tall body display spotlight

Part Number: 480xxxx - XXX - X - XX (See specification table)

LED Source: Xicato XSM Module

Weight: 1.5kg

CE Class 2 □ 0.5m |



ArtLED Remote

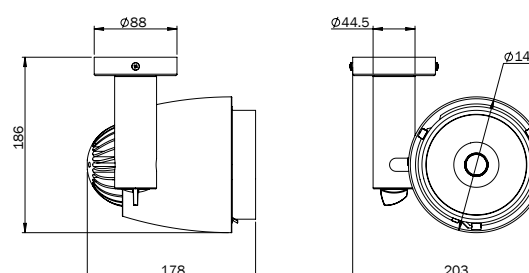
Description: ArtLED Remote display spotlight

Part Number: 484xxxx - XXX - X - XX (see specification table)

LED Source: Xicato XSM Module

Weight: 1.5kg

CE Class 3 ◇ 0.5m |



ArtLED Specification Table

SPECIFICATION EXAMPLE: 4810231-927-3-31

ArtLED Integral short body display spotlight, Xicato XSM Artist High CRI 1,300lm module, 1050mA Driver,

Self Dimmable, Incandescent White 2700K, 27° Medium Beam, on 3 Circuit track, White Finish.

PRODUCT CODE EXAMPLE : 4810231 - 927 - 3 - 31

HOUSING TYPE	Tall Integral		Short Integral		Remote	
Code	0		1		4	

LED MODULE CRI Ra (Av R1- R8)		Xicato XSM Artist 95+		Xicato XSM 80 80+		Xicato XSM Vibrant 80+	
Code		0		1		2	
MODULE LUMEN	Code	DRIVER CURRENT	Lumen Output / Circuit Watts				
1300lm	20	REMOTE : See Below For Output With Selected Drivers					
	21	500mA	700lm / 12.4W		700lm / 7.9W		700lm / 7.9W
	22	700mA	930lm / 17.8W		930lm / 11.3W		930lm / 11.3W
	23	1050mA*	1300lm / 27.7W		1300lm / 17.8W		1300lm / 17.7W
2000lm	30	REMOTE : See Below For Output With Selected Drivers					
	31	500mA	1070lm / 19.2W		1070lm / 12.9W		1070lm / 12.9W
	32	700mA	1420lm / 27.7W		1420lm / 18.5W		1420lm / 18.6W
	33	1050mA*	2000lm▲ / 43.2W		2000lm / 28.8W		2000lm / 28.8W
3000lm	40	REMOTE : See Below For Output With Selected Drivers					
	42	500mA			1660lm / 20.2W		1660lm / 20.2W
	43	700mA			2200lm / 29W		2200lm / 29W
	44	1050mA*			3000lm▲ / 45W		3000lm▲ / 45W
4000lm	50	REMOTE : See Below For Output With Selected Drivers					
	53	1050mA*			4000lm▲ / 49.5W		

GEAR TYPE**	Non-Dim	Self Dim (5-100%)	Mains Dim (5-100%)	1 - 10V Dim*** (5-100%)	DALI Dim*** (0,10-100%)	0 - 10V Dim*** (0-100%)
Code	0	1	2	3	4	5

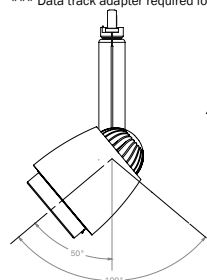
COLOUR	CCT (K)	Artist Code	80 Series Code	Vibrant Code
Incandescent White	2700 ±40	927	827	
Warm White	3000 ±50	930	830	830
Neutral White	3500 ±60	935	835	
Cool White	4000 ±70	940	840	

BEAM	No Reflector	14° Narrow	14° + Glare Control	27° Medium	27° + Glare Control	52° Wide	Wallwash	Wallwash + Softening Lens
Code	0	2	21	3	31	5	9	93

MOUNTING	Surface	3 Circuit Eutrac	3 Circuit Data Eutrac***	Single Circuit Global	Single Circuit Eutrac	Single Circuit Data Eutrac***
Code	0	3	3C	4	4B	4C

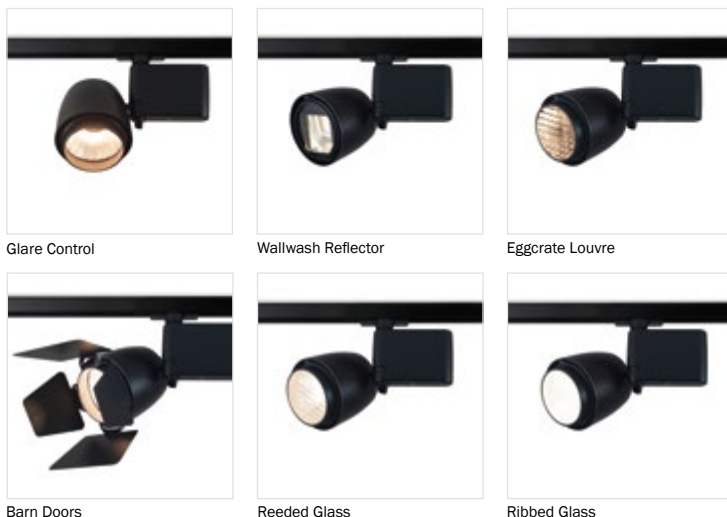
FINISH	White RAL 9010	Black RAL 9011	Special RAL / BS
Code	1	2	3

* The preferred module and driver combination. Other variants to special order
 ** Due to the wide range of possible combinations - Not all gear types are available for all drive currents. Please enquire.
 *** Data track adapter required for remote dimmable gear options.



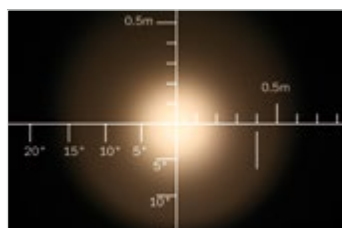
▲ These options are not available for the long body version.
 Also Due to thermal management the rotational tilt of lamp head is limited to 100° (50° either sides of vertical) as shown to the left. Standard rotational tilt 180° (90° either side of vertical).

ArtLED Accessories

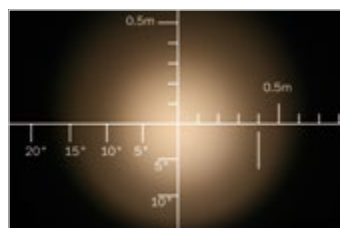


ArtLED Beam examples

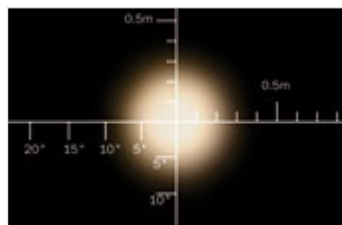
Beam illustrations using the 1300lm Artist series high CRI module, 3000K, 1000mA at a throw of 1m



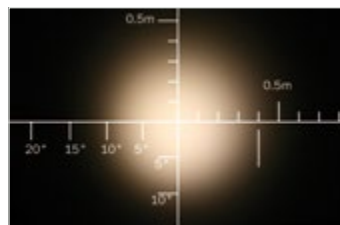
14° Narrow Reflector



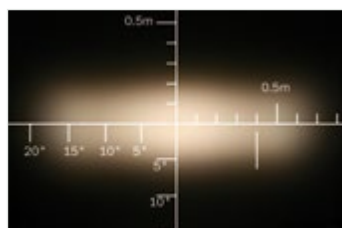
27° Medium Reflector



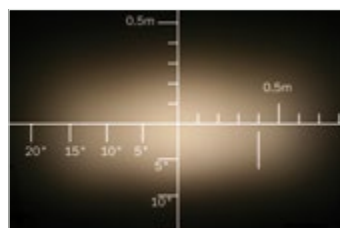
14° Narrow Reflector - Glare Control



27° Medium Reflector - Glare Control



14° Narrow Reflector - Glare Control & #555 Glass



27° Medium Reflector - Glare Control & #555 Glass

ACCESSORIES / SPARES

• Spare Optics Holder	248-4001-*
• Spare C Spring	248-4006
• 14° Narrow Beam Reflector	248-4939-2
• 27° Medium Beam Reflector	248-4939-3
• 52° Wide Beam Reflector	248-4939-5
• 14° Narrow Beam Reflector with Glare Control	248-4939-21
• 27° Medium Beam Reflector with Glare Control	248-4939-31
• Wallwash Reflector Assembly ¹	248-4009-*
• 13mm Eggcrate Louvre	248-4023-2
• 5mm Honeycomb Louvre	248-4021-2
• Scrim Filter 20% Obscured	248-4052-2
• Scrim Filter 30% Obscured	248-4053-2
• Scrim Filter 50% Obscured	248-4050-2
• Colour Glass	248-4010-***
• Ribbed Glass	248-4011
• Narrow Ribbed Pyrex Glass	248-40111
• Narrow Ribbed #555 Glass	248-40113
• Reeded Glass	248-4012
• Coarse Pattern Pyrex Glass	248-40162
• Light Frost Glass	248-40161
• Barn Doors ²	248-4004-*

¹ Wallwash Reflector Assembly supplied with shallow holder that replaces standard Optics Holder

² Barn Doors incorporate an Optics Holder that is compatible with accessories and spares

*Finish - 1 = White, 2 = Black, 3 = Special RAL / BS

***Glass Colour

TRACK ADAPTERS

European 3 Circuit Track Adapter

Suitable for Eutrac, Erco, Staff, Concord Lytespan 3, IGuzzini, Hoffmeister.

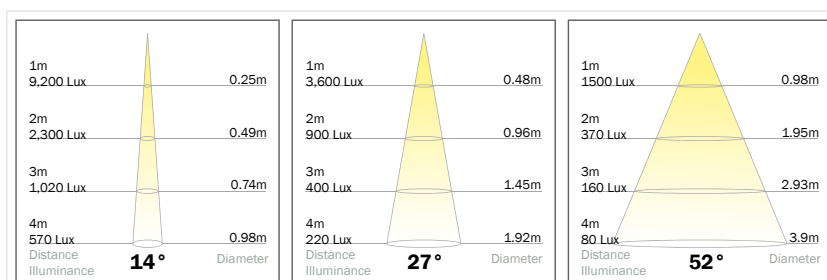
LS1 Track Adapter

Suitable for Concord LS1, Global Pro.

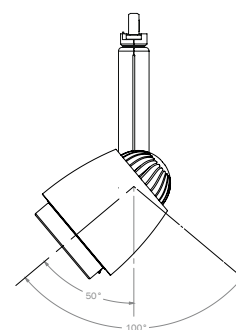
Eutrac Single Circuit Track Adapter

REMOTE DRIVERS

• 500mA 24W, DALI Dimmable (0,10-100%)	273-865
• 700mA 30W, DALI Dimmable (0,5-100%)	273-866
• 1000mA 30W, DALI Dimmable (0,10-100%)	273-867
• 350/700mA 33W Non Dim	273-870
• 500/1000mA 33W Non Dim	273-871
• 500mA 24W, Analogue 1 -10V Analogue (5-100%)	273-923
• 700mA 33W, Analogue 1 -10V Analogue (5-100%)	273-925
• 1050mA 33W, Analogue 1 -10V Analogue (5-100%)	273-973



Example data for 1300lm Artist series high CRI module, 3000K, 1000mA with 14°, 27°, 52° plain reflectors. Photometric data available upon request.



High Lumen / drive current packages require Lamp head to be limited to 100° tilt, Standard tilt 180°

Green Line Products

The ArtLED product range is part of the 'Green Line Products' Collection from the Light Project Group. This collection comprises several ranges of fittings and accessories which have been carefully selected for their high energy efficiency coupled with long life, low maintenance and low life-cycle costs. Many of the new light sources can save up to 90% energy when compared to traditional incandescent light fittings as they use the latest technology available to provide quality light distribution for a fraction of the running cost.

The ArtLED product range is provided with a 5 year guarantee against manufacturing and material defects when installed according to the product specification and used under recommended working conditions. Full details are available on request.

The Xicato XMS module has a 5 year warranty for colour consistency and lumen maintenance.

Other ranges in the Green Line collection include: **LEDStar** Interior & Exterior LED Spotlights
LEDFlux Architectural Floodlights
Cove Link T5 Linear Fluorescent System
LEDBar Linear LED systems
CMH Exterior Spotlights, Recessed & Gobo Projectors

Environmental Policy

The Light Projects Group has a clear intention and commitment to improving its environmental performance with a view to reducing its ecological footprint and impact. This includes:

- Making effective use of all resources, particularly by embracing the waste and recycling industries wherever possible.
- Maximising the use of recoverable materials.
- Increasing business recycling rates.
- Seeking ways to minimise power and water usage.
- Reducing CO₂ emission levels and other polluting factors.
- Using only CE compliant components and, wherever possible, sourcing products from ISO14001 accredited companies.
- Promoting ethical and environmental excellence throughout the design, manufacture and supply chain.
- Delivering all materials in the most sustainable manner possible.
- Developing 'future-proof' products wherever possible to allow for compatibility with emerging technologies.

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ArtLED is just one of the products in the **Light Projects** lighting range from the Light Projects Group.

Visit www.lightprojects.co.uk to find information on further products.

Light Projects specialist interior & exterior range

Light Products specialist commercial range



Scan QR Code
to access website

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Green Line Products