

PRODUCT SPECIFICATION SHEET

MetroLED Configurable Lighting System



With a choice of either fully positionable spotlights or a linear array of LED modules at close spacings which provides a complete wash of light, MetroLED offers all the flexibility you need for illuminating display cases.

Spotlights are fully tiltable and can be moved along the fixture and pointed exactly where you need them. There is also a choice of trumpets which offer either wide or narrow beam angles. Gantry systems also feature rotating corners so that the complete light bar can be rotated by 350°.

The system runs on dual circuit power, allowing for 2 independent dimming levels and has the option of using either 3000K or 4000K LED's.

UFO MetroLED systems offer versatility combined with the efficiency, power of LED modules, ease of installation and low maintenance requirements.



Corner gantry systems with full rotation of all tubes. Fully customisable with a mixture of spotlights and linear lights on both vertical and horizontal bars.



Straight gantries with a mix of spotlights and linear LED's.



Rectangular extrusion fitted with linear LED's and secured with c-clips makes an unobtrusive under shelf lighting system.



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MetroLED Components



TWISTLOCK FITTING	TRUMPET CHOICE	LINEAR LED STRIP	ROTATING CORNER A	ROTATING CORNER B
THREE WAY CORNER	ROUND POWER IN	RECTANGULAR POWER IN	ROUND END CAP	RECTANGULAR END CAP
METROLED ELBOW	METROLED GOOSENECK	EXTRUSION & INFILL	SPARE ROUND INFILL	RECTANGULAR EXTRUSION
ROUND C CLIP	RECTANGULAR C CLIP	SURFACE MOUNT FEET	RECESSED MOUNT FEET	DIMMER COVER PLATE
D7 DRIVER	CVD1 DIMMER	CVD2 DIMMER	POWER SUPPLY UNIT	

PRODUCT SPECIFICATION SHEET

MetroLED Technical Information



LED SPECIFICATIONS

Main Supply Voltage	100-240V AC, 50-60Hz
PSU Output	5VDC
Min. Ambient Temp.	-10°C
Max. Ambient Temp.	+45°C
Power Connection	2.1 x 5.5 x 12mm
LED Type/Model	White Light
LED Linear CRI	>92 (typical)
LED Linear Colour Temp.	3000K & 4000K
LED Linear Efficiency	3000K: 65lm/W 4000K: 38lm/W
LED Spot CRI	>96 (typical)
LED Spot Colour Temp.	3000K & 4000K
LED Spot Efficiency	3000K: 44lm/W 4000K: 38lm/W
LED Life	50,000 hours in ambient 25°C

TWISTLOCK BEAM ANGLES

Classic Narrow	15° to 53°
Classic Wide	46° to 78°
Modern Narrow	35° to 55°
Modern Wide	50° to 85°

FIXING NOTES

- For systems which do not use mounting feet, UFO supply C-clips for both round & rectangular MetroLED extrusions. please ensure that:
- a clip is installed at least at either end and in the centre of all runs of extrusion.
 - for extrusions of 500mm to 1 metre or less, a minimum of 3 clips must be used.
 - for extrusions over 1 metre in length, 1 clip must be installed every 500mm along the extrusion length.

GENERAL TECHNICAL SPECIFICATIONS

Description	Variant	Nominal Power	Working Current	Notes
Spotlight	3000K	0.5W	100mA	Available with 4 trumpet options
Spotlight	4000K	0.5W	100mA	Available with 4 trumpet options
Linear Array 45mm	3000K	0.4W	80mA	
Linear Array 45mm	4000K	0.4W	80mA	
Linear Array 95mm	3000K	0.8W	160mA	
Linear Array 95mm	4000K	0.8W	160mA	
Linear Array 245mm	3000K	2.3W	460mA	
Linear Array 245mm	4000K	2.3W	460mA	
Linear Array 450mm	3000K	3.85W	770mA	
Linear Array 450mm	4000K	3.85W	770mA	
MetroLED D7 Driver	Version 2	N/A	Variable	Includes overload indication and shutdown

PRODUCT SPECIFICATION SHEET



MetroLED Product Ordering Codes

ORDERING INFORMATION

Ordering Code	Product Name	Other Details
MTL-SL-3K-[colour]	Twistlock Spot	3000K colour temperature, available in black, white or grey
MTL-SL-4K-[colour]	Twistlock Spot	4000K colour temperature, available in black, white or grey
MTL-LNS-CL-N-[C/F]-[colour]	Classic Narrow Trumpet	Available with clear or frosted lens, available in black, white or grey
MTL-LNS-CL-W-[C/F]-[colour]	Classic Wide Trumpet	Available with clear or frosted lens, available in black, white or grey
MTL-LNS-MO-N-[C/D]-[colour]	Modern Narrow Trumpet	Available with clear or diffused lens, available in black, white or grey
MTL-LNS-MO-W-[C/D]-[colour]	Modern Wide Trumpet	Available with clear or diffused lens, available in black, white or grey
MTL-LS-[length]-3K	Linear LED Strip	3000K colour temperature, lengths are 45mm, 95mm, 245mm or 450mm
MTL-LS-[length]-4K	Linear LED Strip	4000K colour temperature, lengths are 45mm, 95mm, 245mm or 450mm
MTL-RCA-[L/R]-[colour]	Gantry Rotating Corner Type A	Available in left and right hand versions, available in black, white or grey
MTL-RCB-[colour]	Gantry Rotating Corner Type B	Suitable for both left and right hand sides, available in black or grey
MTL-TWC-[colour]	Gantry Three Way Corner	Available in black or grey
MTL-PIC-[colour]	Round Power Connector	Suitable for use with round extrusion, available in black, white or grey
MTL-RPIC	Rectangular Power Connector	Suitable for use with rectangular extrusion, available in black only.
MTL-EC-[colour]	Round End Cap	Suitable for use with round extrusion, available in black, white or grey
MTL-REC	Rectangular End Cap	Suitable for use with rectangular extrusion, available in black only
MTL-EB-[3K/4K]-[colour]	MetroLED Elbow	3000K or 4000K colour temperature, available in black, white or grey
MTL-GS-[3K/4K]-[colour]	Gooseneck Fitting	Suitable for use with round extrusion, available in black or grey. 3000K or 4000K CT
MTL-EI-[length]-[colour]	Round Extrusion & Infill	Min. length - 250mm, max. length - 2800mm, available in black, white or grey
MTL-INF-[length]-[colour]	Round Infill	Min. length - 250mm, max. length - 3000mm, available in black, white or grey
MTL-RE-[length]	Rectangular Extrusion	Min. length - 250mm, max. length - 2800mm, available in black only
MTL-CLP-[colour]	Round C Clip	Available in black, white or grey
MTL-RCLP	Rectangular C Clip	Available in black only
MTL-MF-RT-[colour]	Recessed Mounting Foot	Round with thread for securing under base, available in black, white or grey
MTL-MF-RS-[colour]	Recessed Mounting Foot	Round, secured using screws from above, available in black, white or grey
MTL-MF-CS-[colour]	Recessed Mounting Foot	Corner, secured using screws from above, available in black, white or grey
MTL-MF-SR-[colour]	Surface Mount Foot	Round, secured using screws, available in black, white or grey
MTL-MF-SC-[colour]	Surface Mount Foot	Corner, secured using screws, available in black, white or grey
MTL-D7	Driver Unit	6A output. Use standalone or with CVD1 or CVD2 dimmer
MTL-PSU-7A-[UK/US/EU]	Power Supply Unit	Suitable for UK, USA, EU. Supplied with relevant IEC cable.
CVD1	Dimmer	1 channel dimmer for use with D7 driver
CVD2	Dimmer	2 channel dimmer for use with D7 driver
MTL-DP-[colour]	Dimmer Cover Plate	Available in chrome finish as standard, enquire about other finishes

Ordering Notes:

Where [colour] is required in a product code, please use BL (black), WH (white) or GR (grey). Where [length] is required, please specify length in mm.

Where there is choice between two or more options (e.g [L/R] for left/right) please choose appropriate option.