

LED MUNICIPAL

SURFACE MOUNTED LUMINAIRES



With its curved profile and dust limiting, wipe clean diffuser, the LED Municipal has been designed as a contemporary and attractive solution for education and healthcare establishments.

For extra security and tamper resistance the diffuser is rigidly held in place by a screw fixed polycarbonate end cap.

General maintenance is made easy by the control gear tray being fully removable.

Product is sealed to IP44. Further specification options are available, including a night light option or microwave sensing for additional energy saving. Corner mounting kit also available.



Applications:

- Hospitals
- Schools, Colleges and Universities
- Receptions
- Corridors and Walkways

Product Specifications:

- PMMA (Polymethyl Methacrylate) Wipe clean smooth diffuser (internally reeded)
- Manufactured from mild steel with white paint finish as standard
- Constant output driver with colour 850 as standard
- Screw fixed polycarbonate end cap
- Removeable gear tray
- Ingress Protection to IP44
- 3 Hour emergency option available on all models

Optional Features:

- /CMK: Corner mounting kit

/LEDNL: Integral 1 watt night light

Gear Options:

- /AD: 1-10V Analogue dimming
- /DL: Dali addressable dimming

Colour Temperature Options:

- /830: Colour 830
- /840: Colour 840

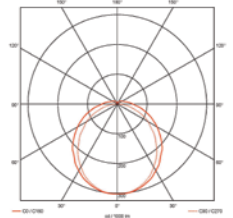
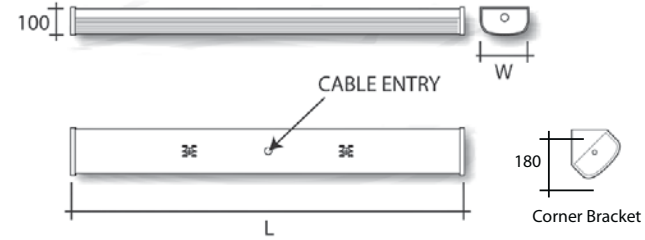
Emergency Options:

- /M3: 3hr maintained emergency

Installation options:

- | | |
|----------------|------------|
| Exposed T | NO |
| Plasterboard | NO |
| Metal Pan | NO |
| Surface | YES |
| Suspended | NO |

Occupancy and daylight sensor options available on this product



Polar Curve:
Photometric data is available online for dialux and relux.

Order Codes

LED Municipal	Lumens	Watts	Length	Width	Height	Fixing
MUN 11/2/CO/850	1361	11	630	185	100	460
MUN 22/3/CO/850	2722	22	1030	185	100	600
MUN 22/4/CO/850	2722	22	1230	185	100	600
MUN 33/5/CO/850	4083	33	1530	185	100	1200
MUN 33/6/CO/850	4083	33	1830	185	100	1200
MUN 22/2T/CO/850	2722	22	630	185	100	460
MUN 44/3T/CO/850	5444	44	1030	185	100	600
MUN 44/4T/CO/850	5444	44	1230	185	100	600
MUN 66/5T/CO/850	8166	66	1530	185	100	1200
MUN 66/6T/CO/850	8166	66	1830	185	100	1200

Test on MUN66/5T/CO/850 gave a result of 6435 luminaire lumens which delivers 78% light output ratio.

LED Municipal part code formula example:

Product Family	Watts	Body Style	Gear Option	Optional Feature	Colour Temp	Emergency Option
MUN	33	5	DL	LEDNL	850	M3

Additional savings with a sensor assuming 20% occupancy in a corridor, luminaire running at 10% light level when area is unoccupied.

67 circuit Watt on full, 7 Watts on dim
Lamp maintenance, 50,000 hours
938 K/Watts

Energy cost @ 11p - kwh = £103.00
No lamp maintenance

ENERGY SAVINGS
87%
TOTAL SAVINGS
£689.00

ENERGY SAVINGS
66%
TOTAL SAVINGS
£350.90

TYPICAL ENERGY SAVINGS
Compared performance over 50,000 hours

Standard Technology
2x58 watt T8
144 Circuit Watts
Lamp Maintenance, 12,000 Hours
7200 K/Watts
Total energy cost @ 11p-kwh = £792.00
Plus 8 new lamps,

LED Municipal
MUN66/5T/CO/850
67 Circuit Watts
Lamp Maintenance, 50,000 Hours
3350 K/Watts
Total energy cost @ 11p-kwh = £368.50
No Lamp Maintenance

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