



MEZZINA

IP65 circular polycarbonate utility luminaire



IMAGES

- A. Standard Mezzina with white base and clear diffuser
- Mezzina with black base (suffix /BK)
- C. Mezzina fitted with semi-recessing trim (suffix /MZR/WH)

FEATURES

- Robust screw-fit diffuser sealed to the luminaire body with a closed-cell neoprene gasket for durability
- Suitable for most interior and exterior applications
- Steel gear tray, centre rear besa entry and 20mm conduit knockouts at each end for ease of installation
- Supplied with white body and clear diffuser and techno-radial lens technology as standard
- LED and fluorescent versions available in mains, emergency and slave modes

LED Models Only

- TM-21 L70 greater than 36,000 hours using 0.5W 150 lumen/Watt LEDs
- CRI 80 (minimum)
- 3 step MacAdam rated
- 4000K colour temperature as standard (2700K 6500K available to order)
- All LED luminaires in this range have a lumens/Watt rating greater than 90 lm/W
- All stated lumens are actual luminaire output

CATALOGUE NUMBERS & INFORMATION

Mains Luminaires			MAINS LUMENS			
Cat No	Light Source & Mode	Colour Temperature	Standard Output	Economy Output (Suffix /E)	High Output (Suffix / H)	Weight
MZ/LED/4K	LED mains	4000K	2000	1150	2450	1.10Kg
MZ28/HF	28W 2D fluorescent HF mains	3500K	1450			1.10Kg
MZ38/HF	38W 2D fluorescent HF mains	3500K	2020			1.10Kg

Emergency Luminaires			EMERGENCY LUMENS			
Cat No	Light Source & Mode	Colour Temperature	Standard Output	Economy Output (Suffix / E)	High Output (Suffix / H)	Weight
MZ/LED/M3/4K	LED M3 emergency	4000K	125	125	125	2.70Kg
MZ28/M3	28W 2D fluorescent M3 emergency	3500K	190			3.60Kg

Slave Luminaires			EMERGENCY LUMENS			
Cat No	Light Source & Mode	Colour Temperature	Standard Output	Economy Output (Suffix / E)	High Output (Suffix / H)	Weight
MZ/LED/#D/4K	LED slave	4000K	510			1.10Kg
MZ28/PVR#D	28W 2D fluorescent slave	3500K	350			1.10Kg

Replace # with AC/DC system Voltage 24, 50, 110 or 230 Volts

OPTIONS

Products incorporating any of the following options are manufactured to order

/AD Intelligent Addressable luminaire

/BK Black base

/DAE DALI emergency mode only

/DAEM DALI mains and emergency mode

/DAM DALI mains mode only

/DIM Dimmable control gear

/E Economy output version

 $\begin{tabular}{ll} \textbf{/H} & \textbf{High output version} \\ \end{tabular}$

/MD Microwave presence detector

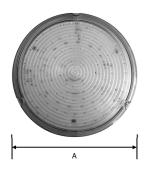
/MZR/WH White semi-recessing trim

/O Opal diffuser

/ST Digital self-test

/VR Anti-tamper screws

DIMENSIONS





Luminaire A: Ø 290mm x B: Depth 79mm

Dimensions with Semi-Recessing Trim A: Ø 345mm x B: Depth 50mm

Cut-Out Ø 295mm

SPECIFICATION

General

Country of Origin: United Kingdom

CE Mark Compliance: CE marked REACH and RoHS compliant

Manufactured to Standards: EN60598
Manufacturing Quality Approval: ISO9001:2008

Construction

Housing Construction: 850°C polycarbonate

Body Finish: White Protection Degree: IP65

Insulation Class & Supply Voltage: Class 1 230/240V AC 50/60Hz (excluding 24V, 50V and 110V slave versions)

Internal Cabling: 105°C single core 0.8mm to BS6500 Grade 5

Gear

Control Gear Manufacturer/Type: LED mains versions: Orbik 15-515 LED driver

LED emergency versions: LDY005 PCB & 15-515 LED driver

LED slave versions: Orbik inverter LVR24 (MZ/LED/24D/4K), LVR50 (MZ/LED/50D/4K), LVR110 (MZ/LED/110D/4K) or 15-

515 LED driver (MZ/LED/230D/4K)

Fluorescent mains versions: Orbik 15-373 electronic ballast (MZ28/HF); Orbik 15-545 electronic ballast (MZ38/HF)

Fluorescent emergency versions: Orbik 15-373 electronic ballast and P1028/3/TL PCB

Fluorescent slave versions: Orbik inverter PVR24 (MZ28/24D), PVR50 (MZ28/50D), PVR110 (MZ28/110D) or Orbik 15-373

electronic ballast (MZ28/230D)

Power Factor Correction: Ranging from >0.90 to >0.95

Radio Interference Manufactured to: EN55015

Harmonics Manufactured to: EN61000-3-2 Class C

Batteries Employed: 1.5Ah Ni-Cad cells (LED emergency versions); 4Ah Ni-Cad cells (fluorescent emergency versions)

Diffuser

Reflector Material: Mild steel

Reflector Finish Type: Flat gear tray style
Reflector Finish: White powder-coated

Diffuser Material: Self-extinguishing polycarbonate

Diffuser Type: Screw fixing
Diffuser Finish: Clear polished

LEDs

LED Wattage & Type: 5630 SMT
LED Colour: 4000K
Lamp/LED Manufacturer: Orbik

Lamps

Lamp Wattage & Type: 28W 2D fluorescent or 38W 2D fluorescent

Lamp Colour: 3500K Lamp/LED Manufacturer: Various



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