

MEZZINA

IP65 circular polycarbonate utility luminaire



IMAGES

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

FEATURES

All Models

- 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

Cat No	Light Source & Mode	Colour Temperature	MAINS LUMENS			Weight
			Standard Output	Economy Output (Suffix /E)	High Output (Suffix /H)	
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

Cat No	Light Source & Mode	Colour Temperature	EMERGENCY LUMENS			Weight
			Standard Output	Economy Output (Suffix /E)	High Output (Suffix /H)	
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

Cat No	Light Source & Mode	Colour Temperature	EMERGENCY LUMENS			Weight
			Standard Output	Economy Output (Suffix /E)	High Output (Suffix /H)	
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
- /H High output version
- /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



HEAD OFFICE ORBIK LIMITED, ORBIK HOUSE, NORTHGATE WAY, ALDRIDGE, WALSALL, WEST MIDLANDS, WS9 8TX, UNITED KINGDOM
SALES CONTACT TEL: 01922 743515 * FAX: 01922 743173 * EMAIL: sales@orbik.co.uk
UK ELECTRICAL WHOLESALE SALES CONTACT TEL: 01922 745024 * FAX: 01922 745124 * EMAIL: uksales@orbik.co.uk
EXPORT SALES CONTACT TEL: +44 (0) 1922 743515 * FAX: +44 (0) 1922 743173 * EMAIL: export@orbik.co.uk

www.orbik.co.uk

