# Spec Sheet E02MU3AC

eterna.

5 Year Warranty

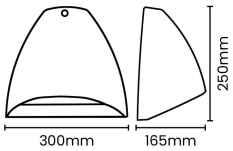
IP65

IK10

Colour Temp. Selectable

Power Selectable






## Munio

Munio Power CCT Switchable IP65 300mm Asymmetric Wall Pack Black

**DESCRIPTION**

The Munio is a modern robust IP65 wall pack with 3 adjustable outputs and 4 colour temperature options built-in offering flexible lighting solutions for various applications. The low glare ABS diffuser is designed to minimise upward light. Available in multiple variants including photocell and emergency to suit a number of applications

**FEATURES**

- High lumen efficiency 132lm/W
- Power selectable 16W, 20W, 24W
- Colour temperature selectable 2700K, 3000K, 4000K, 6000K
- IP65 and IK10 rating
- Hinged front for easy access
- 20mm BESA and conduit entry points with loop in, loop out push fit terminals
- Photocell version: preset integrated dusk till dawn operation
- Emergency version: emergency output 160lm
- 5 year warranty

| GENERAL INFORMATION | | | |
|---|---|---|---|
| **Light Source** | LED | **Colour / Finish** | Black |
| **Application** | External | **Mounting Type** | Surface |
| **Product Warranty** | 5 Years | **Net Weight** | 0.83 kg |
| **Energy Efficiency Class** | D | | |

| TECHNICAL INFORMATION | | | |
|---|---|---|---|
| **Nominal Voltage** | 240 | **Frequency** | 50Hz |
| **Class Protection** | 2 | **Operating Temperature (Min)** | 45 °C |
| **Operating Temperature (Max)** | -20 °C | **Average Rated Life** | 50,000 h |
| **Number of switching cycles** | 25,000 | **Construction Materials Line 1** | ABS |
| **Construction Materials Line 2** | Polycarbonate diffuser | **Dimensions - Height** | 250 mm |
| **Dimensions - Width** | 300 mm | **Dimensions - Depth** | 165 mm |
| **IK Rating** | IK10 | **IP Rating** | IP65 |

| PRODUCT INFORMATION | | | |
|---|---|---|---|
| **Wattage Combined** | 16W / 20W / 24W | **CCT Combined** | 2700K / 3000K / 4000K / 6000K |
| **Luminaire Lumens Combined** | 2120 - 3195 lm | **lm/W Combined** | 133 - 133 lm/w |
| **Beam Angle** | 95° | **CRI** | 80 |

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**UK Sales:** 01933 673344 | E: sales@eterna-lighting.co.uk
**IE Sales:** +353 1 844 6300 | E: sales@eterna-lighting.ie

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| | | | |
|---|---|---|---|
| **SDCM** | <6 | **Lumen Maintenance** | 0.9 |
| **Lighting Technology used** | LED | **Non-Directional or Directional** | NDLS |
| **Mains or non-mains** | MLS | **Connected light source (CLS)** | FALSE |
| **Colour tuneable light source** | FALSE | **High Luminance light source** | FALSE |
| **Anti Glare shield** | FALSE | **Dimmable** | Not Dimmable |
| **Correlated Colour temperature type** | STEPS | **Correlated Colour temperature (K) 1** | 2,700 |
| **Correlated Colour temperature (K) 2** | 3,000 | **Correlated Colour temperature (K) 3** | 4,000 |
| **Chromaticity coordinates x** | 0.3749 | **Chromaticity coordinates y** | 0.3667 |
| **Peak Luminous Intensity (cd)** | 908 cd | **Stroboscopic effect metric (SVM)** | 0.04 |
| **Flicker Metric (pst)** | 0.1 | **R9 colour rendering index** | 31 |
| **Survival factor @6000hrs** | >0.9 | **Networked Standby Power** | 0 |
| **Spectrum report available** | Yes | **Displacement Factor** | 0.9 |
| **CCT1/WATT1: Rated Peak Intensity** | 944 cd | **CCT1/WATT2: Rated Peak Intensity** | 1196 cd |
| **CCT1/WATT3: Rated Peak Intensity** | 1,385 cd | **CCT2/WATT1: Rated Peak Intensity** | 944 cd |
| **CCT2/WATT2: Rated Peak Intensity** | 1,196 cd | **CCT2/WATT3: Rated Peak Intensity** | 1,385 cd |
| **CCT3/WATT1: Rated Peak Intensity** | 944 cd | **CCT3/WATT2: Rated Peak Intensity** | 1,196 cd |
| **CCT3/WATT3: Rated Peak Intensity** | 1,385 cd | **CCT4/WATT1: Rated Peak Intensity** | 944 cd |
| **CCT4/WATT2: Rated Peak Intensity** | 1196 cd | **CCT4/WATT3: Rated Peak Intensity** | 1385 cd |

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| PHOTOMETRICS | | | | | |
|---|---|---|---|---|---|
| **Product Code** | **Product Type** | **Watts** | **CCT** | **Luminaire lumens** | **Lm/W** |
| **E02MU3AC** | Standard, Black | 16 W | 2700 K | 2120 lm | 133 lm/W |
| | | | 3000 K | 2120 lm | 133 lm/W |
| | | | 4000 K | 2120 lm | 133 lm/W |
| | | | 6000 K | 2120 lm | 133 lm/W |
| | | 20 W | 2700 K | 2670 lm | 134 lm/W |
| | | | 3000 K | 2670 lm | 134 lm/W |
| | | | 4000 K | 2670 lm | 134 lm/W |
| | | | 6000 K | 2670 lm | 134 lm/W |
| | | 24 W | 2700 K | 3195 lm | 133 lm/W |
| | | | 3000 K | 3195 lm | 133 lm/W |
| | | | 4000 K | 3195 lm | 133 lm/W |
| | | | 6000 K | 3195 lm | 133 lm/W |
| **E02MU3AC1** | Emergency, Black | 16 W | 2700 K | 2120 lm | 133 lm/W |
| | | | 3000 K | 2120 lm | 133 lm/W |
| | | | 4000 K | 2120 lm | 133 lm/W |
| | | | 6000 K | 2120 lm | 133 lm/W |
| | | 20 W | 2700 K | 2670 lm | 134 lm/W |
| | | | 3000 K | 2670 lm | 134 lm/W |
| | | | 4000 K | 2670 lm | 134 lm/W |
| | | | 6000 K | 2670 lm | 134 lm/W |
| | | 24 W | 2700 K | 3195 lm | 133 lm/W |
| | | | 3000 K | 3195 lm | 133 lm/W |
| | | | 4000 K | 3195 lm | 133 lm/W |
| | | | 6000 K | 3195 lm | 133 lm/W |
| **E02MU3AC6** | Photocell, Black | 16 W | 2700 K | 2120 lm | 133 lm/W |
| | | | 3000 K | 2120 lm | 133 lm/W |
| | | | 4000 K | 2120 lm | 133 lm/W |
| | | | 6000 K | 2120 lm | 133 lm/W |
| | | 20 W | 2700 K | 2670 lm | 134 lm/W |
| | | | 3000 K | 2670 lm | 134 lm/W |
| | | | 4000 K | 2670 lm | 134 lm/W |
| | | | 6000 K | 2670 lm | 134 lm/W |
| | | 24 W | 2700 K | 3195 lm | 133 lm/W |
| | | | 3000 K | 3195 lm | 133 lm/W |
| | | | 4000 K | 3195 lm | 133 lm/W |
| | | | 6000 K | 3195 lm | 133 lm/W |
| **E02MU3AC7** | Emergency, Photocell, Black | 16 W | 2700 K | 2120 lm | 133 lm/W |
| | | | 3000 K | 2120 lm | 133 lm/W |
| | | | 4000 K | 2120 lm | 133 lm/W |
| | | | 6000 K | 2120 lm | 133 lm/W |
| | | 20 W | 2700 K | 2670 lm | 134 lm/W |
| | | | 3000 K | 2670 lm | 134 lm/W |
| | | | 4000 K | 2670 lm | 134 lm/W |
| | | | 6000 K | 2670 lm | 134 lm/W |
| | | 24 W | 2700 K | 3195 lm | 133 lm/W |
| | | | 3000 K | 3195 lm | 133 lm/W |
| | | | 4000 K | 3195 lm | 133 lm/W |
| | | | 6000 K | 3195 lm | 133 lm/W |

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| PACKAGING | |
|---|---|
| **Individual unit gross weight** | 274 g |
| **Pallet Layer Qty** | 40 |
| **Pallet Layers** | 2 |
| **Pallet Qty** | 80 |
| **MOM / OPQ** | 1 / 8 |

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