

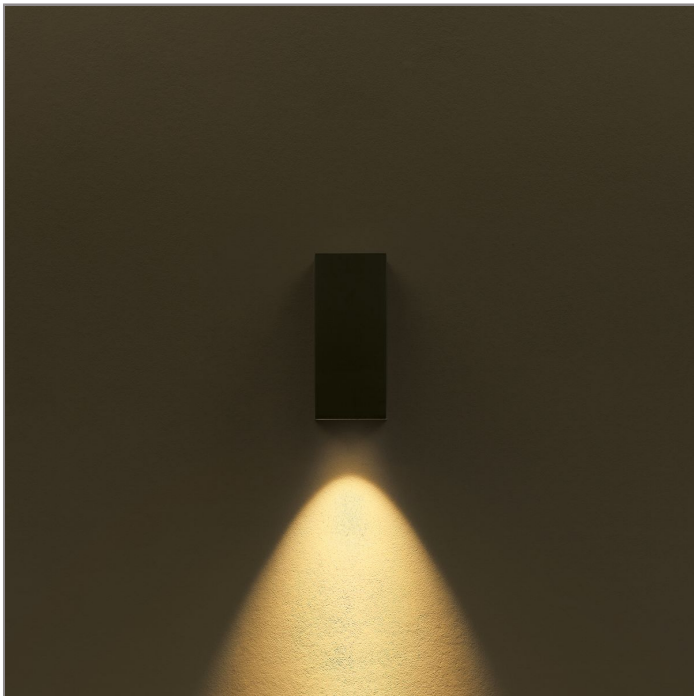
# MIRA

## MINI MIRA SQUARE – DOWN

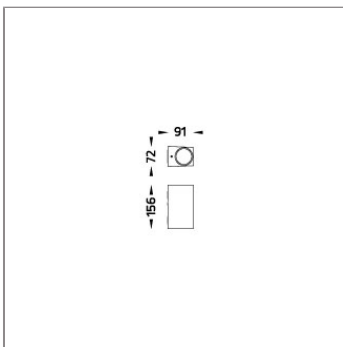
### WALL SURFACE MOUNT



LAST UPDATE: 18-06-2024



MIRA, a family of small wall light characterized by clear and clean-cut line available in round and square body. The housing is made from copper free enhanced LM6 die-cast aluminium with high corrosion resistant property. The front glass cover is flush to the luminaire housing thus dust and water are not accumulated. MIRA utilizes COB LED from industry renowned manufacturer and is available in 2700K, 3000K or 4000K, all are 3-step SDCM. The specular computer-aided-design reflector with spill light cut-off louver provides sharp light distribution on the surfaces.



## Technical Data



|                       |                    |
|-----------------------|--------------------|
| Ordering Code :       | 5160-A-3-503-XX    |
| Lamp :                | LED                |
| Beam :                | 18°                |
| CCT :                 | 2700 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 1040 lm            |
| Luminaire Lumen :     | 520 lm             |
| Lamp Wattage :        | 6.5 W              |
| Luminaire Wattage :   | 8 W                |
| Efficacy :            | 65 lm/W            |
| Ambient Temperature : | 40°C               |
| Lumen Maintenance     | L70B10 >60,000 h   |
| Controller :          | On-Off             |
| Input Voltage :       | 220-240Vac 50/60Hz |
| Net Weight :          | 1.00 kg.           |

### Ordering code guide

XXXX-X-X-XXX-XX  
A B C D E

- A Product Code
- B Reflector
- C Electrical Component
- D Lamp
- E Color



Icon definition

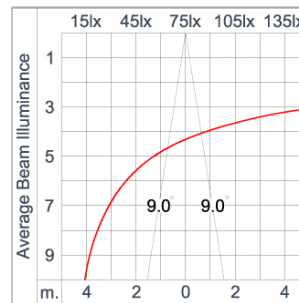
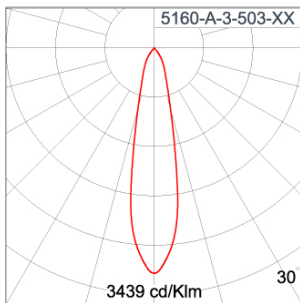
\*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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### Specification

|   |   |   |          |   |             |   |              |   |                    |   |          |   |                 |
|---|---|---|----------|---|-------------|---|--------------|---|--------------------|---|----------|---|-----------------|
| IEC Standard  | IEC 60598-1 General Requirement<br>IEC 60598-2-1 Fixed Luminaires   |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Protection  | IP66 Class I  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| IK Rating   | Protection against mechanical impact IK08 on body.  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Luminaires Body Housing   | High-pressure die cast aluminum alloy body and components.  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Coating Process   | Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.   |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Diffuser  | Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C.  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Reflector   | High performance metallized reflector.  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Gasket  | Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C.   |   |          |   |             |   |              |   |                    |   |          |   |                 |
| External Screws   | External screws are in stainless steel with protection grease.  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Cable Entry   | Cable entry protected by weather proof TPE grommet and to be used with HO5RN-F/ HO7RN-F cable with 6-13mm. diameter.  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Led   | High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material.  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Driver  | High quality constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Internal Wire   | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.   |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Terminal Block  | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.<br>Class1 luminaire provided with the earth connection.  |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Caution   | Installation work has to be carried on according to the enclosed installation manual.   |   |          |   |             |   |              |   |                    |   |          |   |                 |
| Color   | <table border="0"> <tr><td></td><td>Black O1</td></tr> <tr><td></td><td>Graphite O2</td></tr> <tr><td></td><td>Dark Grey O3</td></tr> <tr><td></td><td>Aluminum Silver O4</td></tr> <tr><td></td><td>White O6</td></tr> <tr><td></td><td>Wooden Brown O7</td></tr> </table> |  | Black O1 |  | Graphite O2 |  | Dark Grey O3 |  | Aluminum Silver O4 |  | White O6 |  | Wooden Brown O7 |
|  | Black O1  |   |          |   |             |   |              |   |                    |   |          |   |                 |
|  | Graphite O2   |   |          |   |             |   |              |   |                    |   |          |   |                 |
|  | Dark Grey O3  |   |          |   |             |   |              |   |                    |   |          |   |                 |
|  | Aluminum Silver O4  |   |          |   |             |   |              |   |                    |   |          |   |                 |
|  | White O6  |   |          |   |             |   |              |   |                    |   |          |   |                 |
|  | Wooden Brown O7   |   |          |   |             |   |              |   |                    |   |          |   |                 |

### Light Distribution



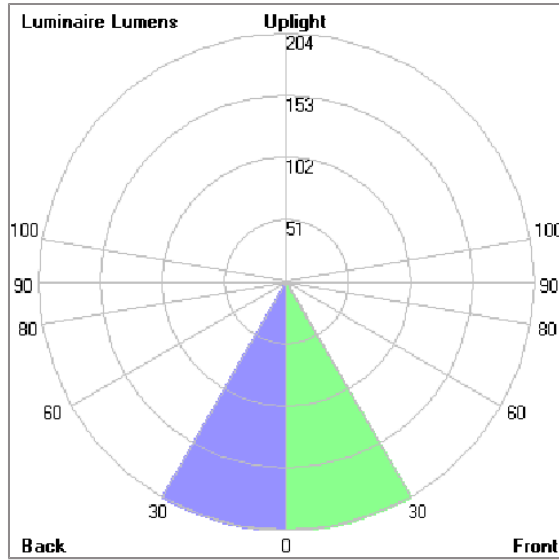
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## MINI MIRA SQUARE – DOWN WALL SURFACE MOUNT



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### Bug Report



### Lum. Classification System [LCS]

| LCS        | Zone      | %Lumens  | %Lamp | %Lum  |
|------------|-----------|----------|-------|-------|
| FL         | [0-30]    | 204.3    | 22.2  | 48.9  |
| FM         | [30-60]   | 4.0      | 0.4   | 1.0   |
| FH         | [60-80]   | 0.3      | 0.0   | 0.1   |
| FVH        | [80-90]   | < 0.05   | 0.0   | 0.0   |
| BL         | [0-30]    | 204.3    | 22.2  | 48.9  |
| BM         | [30-60]   | 4.0      | 0.4   | 1.0   |
| BH         | [60-80]   | 0.3      | 0.0   | 0.1   |
| BVH        | [80-90]   | < 0.05   | 0.0   | 0.0   |
| UL         | [90-100]  | 0.0      | 0.0   | 0.0   |
| UH         | [100-180] | 0.6      | 0.1   | 0.1   |
| Total      |           | 417.8    | 45.3  | 100.0 |
| BUG Rating |           | B1-U1-G0 |       |       |

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