

# ARGOS

## MINI ARGOS – DOWN WALL SURFACE MOUNT



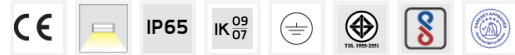
LAST UPDATE: 04-07-2024



Robust and rectangular in appearance, ARGOS offers a wide variety of lighting effects. This is a wall light with simple geometric shape, which suitable for facade application. It cans illuminate both upward and downward or in single direction depending on the desired lighting scheme. Through out state of art engineering and precise manufacturing processes offer reliable dust and water ingress protection of the luminaires. The quality LED modules deliver brilliant color rendering with high color consistency while maintaining a high-value luminaire efficiency.



### Technical Data



|                       |                    |
|-----------------------|--------------------|
| Ordering Code :       | 5401-0-3-980-XX    |
| Lamp :                | LED                |
| CCT :                 | 3000 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 530 lm             |
| Luminaire Lumen :     | 360 lm             |
| Lamp Wattage :        | 4.6 W              |
| Luminaire Wattage :   | 6.4 W              |
| Efficacy :            | 56 lm/W            |
| Ambient Temperature : | 40°C               |
| Lumen Maintenance     | L70B10 >90,000 h   |
| Controller :          | On-Off             |
| Input Voltage :       | 220-240Vac 50/60Hz |
| Net Weight :          | 1.90 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

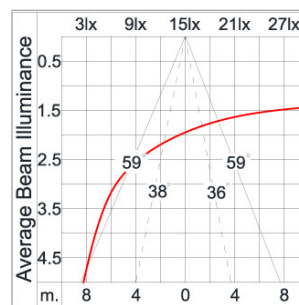
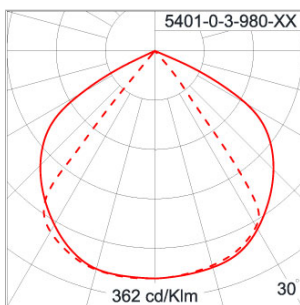
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### Specification

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |                                                                                     |                 |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|-----------------|
| IEC Standard                                                                        | IEC 60598-1 General Requirement<br>IEC 60598-2-1 Fixed Luminaires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |                                                                                     |                 |
| Protection                                                                          | IP65 Class I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |                                                                                     |                 |
| IK Rating                                                                           | Protection against mechanical impact IK09 on body and IK07 optical part.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |                                                                                     |                 |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |                                                                                     |                 |
| 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 grommet. To be used with HO5RN-F/ HO7RN-F cable with 5-10mm. 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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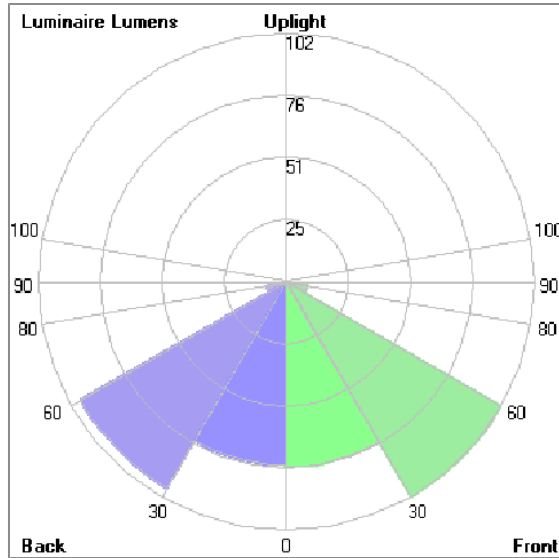
MINI ARGOS – DOWN

WALL SURFACE MOUNT



LAST UPDATE: 04-07-2024

## Bug Report



## Lum. Classification System [LCS]

| LCS        | Zone      | %Lumens  | %Lamp | %Lum  |
|------------|-----------|----------|-------|-------|
| FL         | [0-30]    | 76.2     | 14.4  | 20.7  |
| FM         | [30-60]   | 102.0    | 19.2  | 27.7  |
| FH         | [60-80]   | 8.8      | 1.7   | 2.4   |
| FVH        | [80-90]   | 0.3      | 0.1   | 0.1   |
| BL         | [0-30]    | 75.3     | 14.2  | 20.4  |
| BM         | [30-60]   | 97.7     | 18.4  | 26.5  |
| BH         | [60-80]   | 8.0      | 1.5   | 2.2   |
| BVH        | [80-90]   | 0.3      | 0.1   | 0.1   |
| UL         | [90-100]  | 0.0      | 0.0   | 0.0   |
| UH         | [100-180] | 0.0      | 0.0   | 0.0   |
| Total      |           | 368.6    | 69.6  | 100.0 |
| BUG Rating |           | BO-UO-GO |       |       |

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