

DADOS

MINI DADOS ROUND – DN

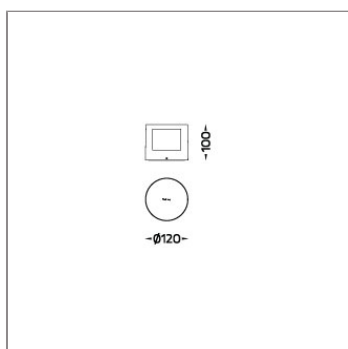
WALL SURFACE LIGHT



LAST UPDATE: 24-02-2025



DADOS a cube-shaped and cylindrical-shaped compact LED wall light suitable for both outdoor and indoor application. Due to the sturdy LM6 aluminium construction and clear tempered glass cover, DADOS is protected from dust and water and harmful impact. It is operated with COB LED in 2700K, 3000K and 4000K color temperature. A precise Photopia-designed reflector casts the light in sharp contrast to the surrounding with zero amount of glare. DADOS provides visual guidance in the architectural environment while being an unobtrusive object during the day. Double layer surface coating is applied thoroughly on the housing therefore it is highly corrosion resistant to any extreme condition.



Technical Data



| | |
|-----------------------|--------------------|
| Ordering Code : | 5421-O-3-883-XX |
| Lamp : | LED |
| CCT : | 2700 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 510 lm |
| Luminaire Lumen : | 100 lm |
| Lamp Wattage : | 4.6 W |
| Luminaire Wattage : | 6.4 W |
| Efficacy : | 15 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L70B10 >90,000 h |
| Controller : | On-Off |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 1.30 kg. |

Ordering code guide

| | | | | |
|-----------------|-----------|----------------------|------|-------|
| XXXX-X-X-XXX-XX | | | | |
| A | B | C | D | E |
| Product Code | Reflector | Electrical Component | Lamp | Color |



Icon definition

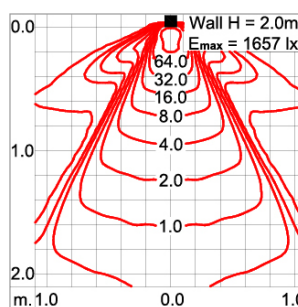
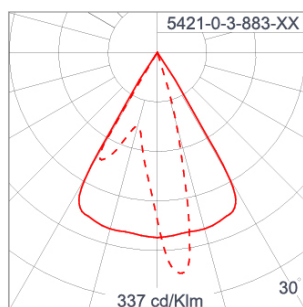
*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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Specification

| | |
|------------------------|--|
| IEC Standard | IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminares |
| Protection | IP65 Class I |
| IK Rating | Protection against mechanical impact IK08 on body. |
| Luminaire 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 grommet. To be used with H05RN-F/ H07RN-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. Class1 luminaire provided with the earth connection. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color | <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: black; margin-right: 5px;"></div> <div>Black 01</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #333; margin-right: 5px;"></div> <div>Graphite 02</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #666; margin-right: 5px;"></div> <div>Dark Grey 03</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #ccc; margin-right: 5px;"></div> <div>Aluminum Silver 04</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #fff; margin-right: 5px;"></div> <div>White 06</div> </div> |

Light Distribution



DADOS

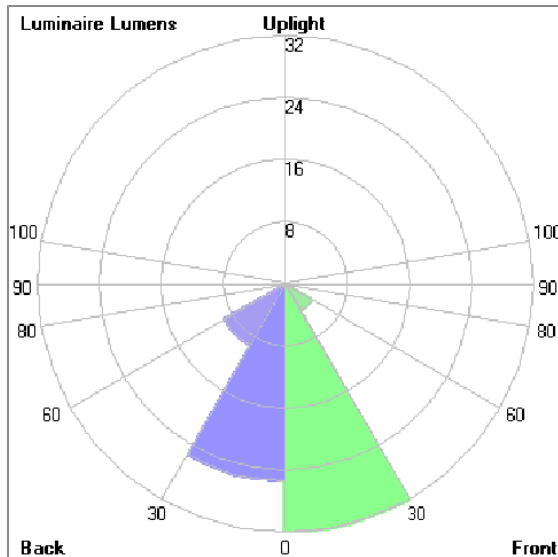
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Bug Report



Lum. Classification System (LCS)

| LCS | Zone | %Lumens | %Lamp | %Lum |
|------------|-----------|----------|-------|-------|
| FL | [0-30] | 32.3 | 6.3 | 45.1 |
| FM | [30-60] | 4.0 | 0.8 | 5.6 |
| FH | [60-80] | 0.2 | 0.0 | 0.3 |
| FVH | [80-90] | 0.0 | 0.0 | 0.0 |
| BL | [0-30] | 25.6 | 5.0 | 35.8 |
| BM | [30-60] | 9.2 | 1.8 | 12.9 |
| BH | [60-80] | 0.2 | 0.0 | 0.3 |
| BVH | [80-90] | 0.0 | 0.0 | 0.0 |
| UL | [90-100] | 0.0 | 0.0 | 0.0 |
| UH | [100-180] | 0.0 | 0.0 | 0.0 |
| Total | | 71.5 | 13.9 | 100.0 |
| BUG Rating | | B0-U0-G0 | | |

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