



Features

- Integrated LED highbay; Black aluminium housing; 32000Lm; 200 W; 160 Lm/W; 4000K; Drive current: 780mA; CRI 80; 55° beam angle; 0-10V dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 370 x 163 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.

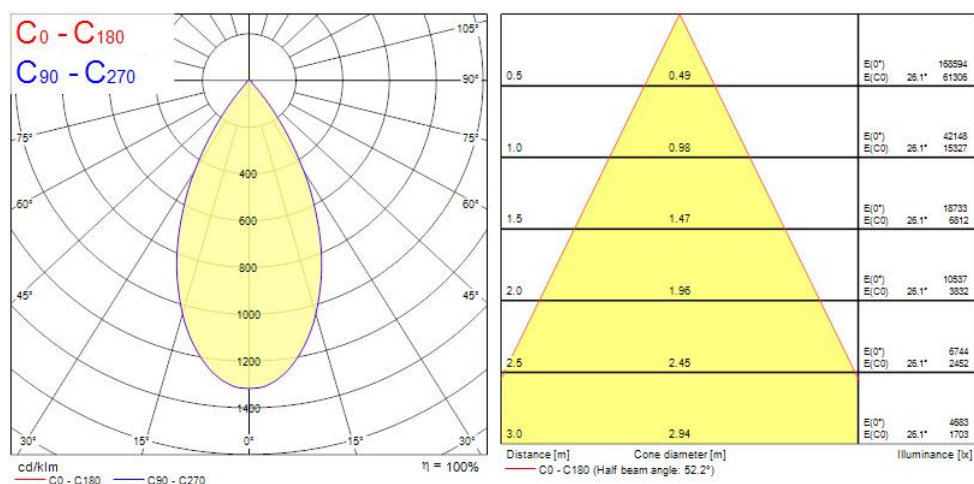
Product Overview

|                                 |                                  |
|---------------------------------|----------------------------------|
| Product name                    | Granit IP65 0-10V 32000lm 840 MB |
| Technology                      | LED                              |
| General application             | Logistics & Industry             |
| ETIM Class                      | EC001716                         |
| Fixture luminous flux (lm)      | 32000                            |
| Luminaire efficacy (lm/W)       | 160                              |
| Colour temperature (K)          | 4000                             |
| Light colour                    | Neutral White                    |
| CRI (Ra)                        | 80                               |
| Colour Variation Initial (SDCM) | 3                                |
| Beam Angle (°)                  | 55                               |
| Glare control                   | < 22                             |
| Photobiological Risk Group      | RG1                              |
| Total power consumption (W)     | 200                              |
| Electrical protection           | Class I                          |
| Dimmable                        | Yes                              |
| LED Flickering Rate             | Low (6% - 20%)                   |
| Housing colour                  | RAL9017                          |
| IP rating                       | IP65                             |
| IK rating                       | IK08                             |

**Granit IP65 0-10V 32000lm 840 MB  
0039739**

|                    |               |
|--------------------|---------------|
| Product EAN number | 5410288397399 |
| Warranty           | 5 years       |
| Dimming method     | 0-10V         |

## Photometry



## Data table

## GENERAL DATA

|                                  |                                  |
|----------------------------------|----------------------------------|
| Product name                     | Granit IP65 0-10V 32000lm 840 MB |
| Technology                       | LED                              |
| General application              | Logistics & Industry             |
| Operating temperature range (°C) | -30°C...+50°C                    |
| ETIM Class                       | EC001716                         |
| Warranty                         | 5 years                          |

## OPTICAL DATA

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 32000         |
| Luminaire efficacy (lm/W)  | 160           |
| Colour temperature (K)     | 4000          |
| Light colour               | Neutral White |
| CRI (Ra)                   | 80            |

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|                                 |           |
|---------------------------------|-----------|
| Colour Variation Initial (SDCM) | 3         |
| Beam Angle (°)                  | 55        |
| Distribution type               | Symmetric |
| Glare control                   | < 22      |
| Photobiological Risk Group      | RG1       |

### ELECTRICAL DATA

|                                                                       |                |
|-----------------------------------------------------------------------|----------------|
| Total power consumption (W)                                           | 200            |
| Mains voltage (V)                                                     | 220-240V       |
| Lamp power factor                                                     | 0.95           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 10             |
| Electrical protection                                                 | Class I        |
| Control gear required                                                 | No             |
| No. Of switching cycles before premature failures                     | >100000        |
| Dimmable                                                              | Yes            |
| Dimming method                                                        | 0-10V          |
| Drive current (mA)                                                    | 780            |
| Inrush Current (A)                                                    | 100            |
| Inrush Duration ( $\mu$ s)                                            | 300            |
| Glow Wire Test (°C)                                                   | 850            |
| Energy Efficiency Class (A->G) of contained light source              | C              |
| Nominal Frequency (Hz)                                                | 50/60Hz        |
| LED Flickering Rate                                                   | Low (6% - 20%) |
| Max. Luminaires per 10A C Breaker                                     | 4              |
| Max. Luminaires per 13A C Breaker                                     | 5              |
| Max. Luminaires per 16A C Breaker                                     | 7              |
| Max. Luminaires per 20A C Breaker                                     | 9              |
| Max. Luminaires per 10A B Breaker                                     | 2              |
| Max. Luminaires per 13A B Breaker                                     | 6              |
| Max. Luminaires per 16A B Breaker                                     | 4              |
| Max. Luminaires per 20A B Breaker                                     | 5              |

## Granit IP65 0-10V 32000lm 840 MB 0039739

|                                                      |   |
|------------------------------------------------------|---|
| Mains surge immunity (differential mode -> L-N) (kV) | 6 |
|------------------------------------------------------|---|

|                                                      |   |
|------------------------------------------------------|---|
| Mains surge immunity (common mode -> L/N - GND) (kV) | 6 |
|------------------------------------------------------|---|

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 90000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L70 B20 | 90000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L70 B10 | 90000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L80 B50 | 90000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L80 B20 | 82000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L80 B10 | 77000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L90 B50 | 44000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L90 B20 | 40000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L90 B10 | 37000 |
|------------------|-------|

### PHYSICAL DATA

|                |         |
|----------------|---------|
| Housing colour | RAL9017 |
|----------------|---------|

|           |      |
|-----------|------|
| IP rating | IP65 |
|-----------|------|

|           |      |
|-----------|------|
| IK rating | IK08 |
|-----------|------|

|                             |     |
|-----------------------------|-----|
| Nominal Product Height (mm) | 163 |
|-----------------------------|-----|

|                               |     |
|-------------------------------|-----|
| Nominal Product Diameter (mm) | 370 |
|-------------------------------|-----|

|             |       |
|-------------|-------|
| Weight (kg) | 2.865 |
|-------------|-------|

### PACKAGING

|                       |        |
|-----------------------|--------|
| Single packaging type | Carton |
|-----------------------|--------|

|                    |               |
|--------------------|---------------|
| Product EAN number | 5410288397399 |
|--------------------|---------------|

|                                       |      |
|---------------------------------------|------|
| Packaging single length / height (cm) | 40.0 |
|---------------------------------------|------|

|                             |      |
|-----------------------------|------|
| Packaging single width (cm) | 40.0 |
|-----------------------------|------|

|                             |      |
|-----------------------------|------|
| Packaging single depth (cm) | 14.5 |
|-----------------------------|------|

|               |                |
|---------------|----------------|
| DUN14 (outer) | 05410288397399 |
|---------------|----------------|

|                         |   |
|-------------------------|---|
| Units per outer package | 1 |
|-------------------------|---|

|                                      |      |
|--------------------------------------|------|
| Packaging outer length / height (cm) | 40.0 |
|--------------------------------------|------|

|                            |      |
|----------------------------|------|
| Packaging outer width (cm) | 40.0 |
|----------------------------|------|



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|                            |      |
|----------------------------|------|
| Packaging outer depth (cm) | 14.5 |
|----------------------------|------|

SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -30-50 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |