

## START Highbay - entry level

START Highbay IP65 15000lm 840 WB  
0039615



### Product features

- Integrated LED highbay; White aluminium housing; 15500Lm; 135W; 115Lm/W; 4000K; Drive current: 620mA; CRI 80; 95° beam angle; IP65; IK08; Lifespan L70:B50 90,000 hrs; (D x H) 310 x 141 mm; D-mark.



## PRODUCT OVERVIEW

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Product name                    | START Highbay IP65 15000lm 840 WB |
| Technology                      | LED                               |
| General application             | Logistics & Industry              |
| ETIM Class                      | EC001716                          |
| E-number FI                     | 4357084                           |
| Warranty                        | 5 years                           |
| Fixture luminous flux (lm)      | 15500                             |
| Luminaire efficacy (lm/W)       | 115                               |
| Colour temperature (K)          | 4000                              |
| Light colour                    | Neutral White                     |
| CRI (Ra)                        | 80                                |
| Colour Variation Initial (SDCM) | SDCM5                             |
| Photobiological Risk Group      | RG1                               |
| Total power consumption (W)     | 135                               |
| Electrical protection           | Class I                           |
| Dimmable                        | No                                |
| LED Flickering Rate             | Ultra low (5% or less)            |
| Housing colour                  | RAL 9006 - Aluminium              |
| IP rating                       | IP65                              |
| IK rating                       | IK08                              |
| Product EAN number              | 5410288396156                     |
| Dimming method                  | N/A                               |

## DATA TABLE

### General data

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Product name                            | START Highbay IP65 15000lm 840 WB |
| Technology                              | LED                               |
| General application                     | Logistics & Industry              |
| Operating temperature range (°C)        | -20°C - 45°C                      |
| Performance ambient temperature Tq (°C) | 25                                |
| ETIM Class                              | EC001716                          |

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|             |         |
|-------------|---------|
| E-number FI | 4357084 |
| Warranty    | 5 years |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 15500         |
| Luminaire efficacy (lm/W)       | 115           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | SDCM5         |
| Photobiological Risk Group      | RG1           |

### Electrical data

|                                                                |                        |
|----------------------------------------------------------------|------------------------|
| Total power consumption (W)                                    | 135                    |
| Mains voltage (V)                                              | 220-240V               |
| Lamp power factor                                              | 1                      |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 10                     |
| Electrical protection                                          | Class I                |
| Dimmable                                                       | No                     |
| Drive current (mA)                                             | 620                    |
| Inrush Current (A)                                             | 80                     |
| Inrush Duration (µs)                                           | 700                    |
| Glow Wire Test (°C)                                            | 850                    |
| Energy Efficiency Class (A->G) of contained light source       | F                      |
| Nominal Frequency (Hz)                                         | 50/60Hz                |
| LED Flickering Rate                                            | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker                              | 13                     |
| Max. Luminaires per 13A C Breaker                              | 17                     |
| Max. Luminaires per 16A C Breaker                              | 21                     |
| Max. Luminaires per 20A C Breaker                              | 26                     |
| Max. Luminaires per 10A B Breaker                              | 8                      |
| Max. Luminaires per 13A B Breaker                              | 10                     |
| Max. Luminaires per 16A B Breaker                              | 12                     |
| Max. Luminaires per 20A B Breaker                              | 16                     |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 90000 |
| Lifespan L70 B20 | 90000 |
| Lifespan L70 B10 | 90000 |
| Lifespan L80 B50 | 75000 |
| Lifespan L80 B20 | 62000 |
| Lifespan L80 B10 | 57000 |
| Lifespan L90 B50 | 35000 |
| Lifespan L90 B20 | 30000 |
| Lifespan L90 B10 | 27000 |

### Physical data

|                |                      |
|----------------|----------------------|
| Housing colour | RAL 9006 - Aluminium |
|----------------|----------------------|

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|                               |       |
|-------------------------------|-------|
| IP rating                     | IP65  |
| IK rating                     | IK08  |
| Nominal Product Height (mm)   | 141   |
| Nominal Product Diameter (mm) | 310   |
| Weight (kg)                   | 2.152 |

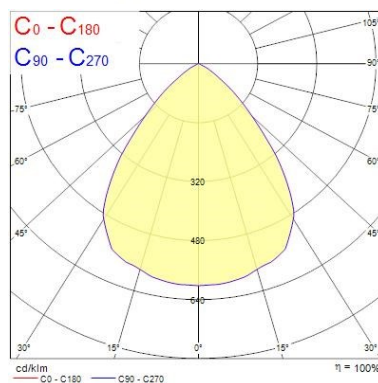
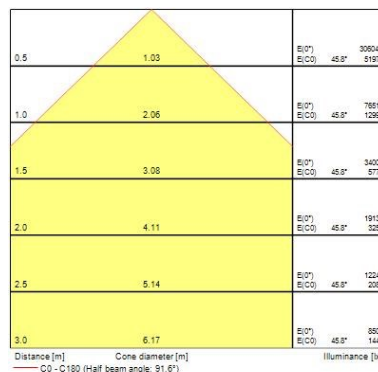
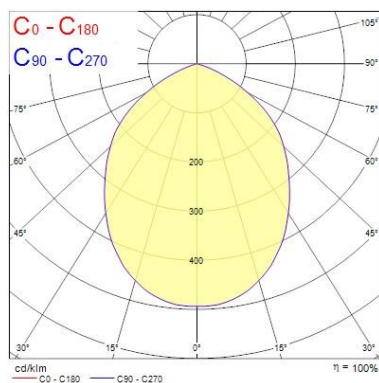
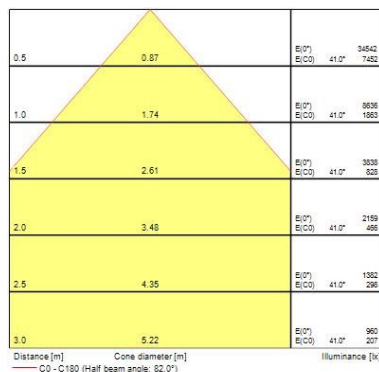
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288396156  |
| Packaging single length / height (cm) | 32.5           |
| Packaging single width (cm)           | 32.5           |
| Packaging single depth (cm)           | 13.0           |
| DUN14 (outer)                         | 05410288396156 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 32.5           |
| Packaging outer width (cm)            | 32.5           |
| Packaging outer depth (cm)            | 13.0           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -20-45 |
|----------------------------------|--------|

## PHOTOMETRY



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### TECHNICAL DRAWINGS

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