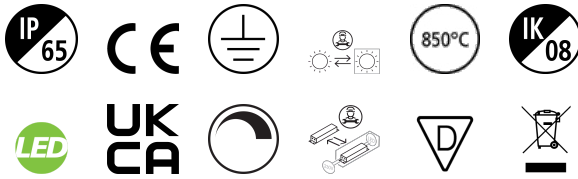


# START Highbay IP65 0-10V 10200-20000lm 840/865 Z18

Item No: 0039170

**SYLVANIA**

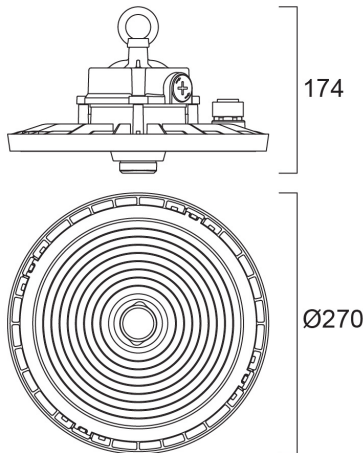
**START**<sup>TM</sup>



Integrated multipower, multiCCT, multibeam LED highbay, comes complete with 1500mm flying lead, hook for hanging, RAL9006 White aluminium housing, 10.200 / 15.000 / 20.000 lm for 4000K / 5200K / 6500K, 60 / 90 / 125W depends on the settings of the integrated switch for changing the colour temperature (4000/5200/6500K) and light output level, 160lm/W @ 125W 4000K setting, CRI 80; 80 / 90 / 110° beam angle that can be set at installation, 0-10V dimmable, IP65, IK08, lifespan L70:B50 120.000 hrs, operating temperature range from -30 to +45°C; (D x H) 270 x 174 mm, D-mark. Zhagabook 18 socket in the center.

## Technical Assets

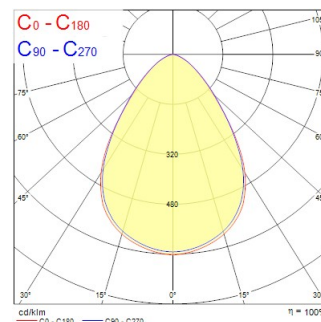
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam diameter [ft] | Beam diameter [in] | Illuminance [lx]     |
|--------------|-------------------|----------------|-------------------|--------------------|--------------------|----------------------|
| 0.5          | 0.76<br>0.77      | 75°            | 0.76<br>0.77      | 2.49<br>2.52       | 24.9<br>25.2       | 3204<br>6478<br>6571 |
| 1.0          | 1.53<br>1.53      | 75°            | 1.53<br>1.53      | 4.98<br>4.98       | 49.8<br>49.8       | 809<br>1619<br>160   |
| 1.5          | 2.29<br>2.30      | 75°            | 2.29<br>2.30      | 7.47<br>7.50       | 74.7<br>75.0       | 2015<br>719<br>730   |
| 2.0          | 3.06<br>3.07      | 75°            | 3.06<br>3.07      | 9.99<br>10.0       | 99.9<br>100        | 1540<br>408<br>411   |
| 2.5          | 3.82<br>3.84      | 75°            | 3.82<br>3.84      | 12.4<br>12.5       | 124<br>125         | 1049<br>258<br>260   |
| 3.0          | 4.59<br>4.60      | 75°            | 4.59<br>4.60      | 14.9<br>15.0       | 149<br>150         | 729<br>180<br>183    |

Distance [m] Cone diameter [m]  
C0 - C180 (half beam angle: 75.0°)  
C90 - C270 (half beam angle: 74.9°)



# START Highbay IP65 0-10V 10200-20000lm 840/865 Z18

Item No: 0039170



## General data

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| Product name                     | START Highbay IP65 0-10V 10200-20000lm 840/865 Z18 |
| Technology                       | LED                                                |
| Cap/Base                         | N/A                                                |
| Housing                          | Aluminium                                          |
| Mount                            | Suspended                                          |
| Built in presence detector       | NONE                                               |
| General application              | Logistics & Industry                               |
| Operating temperature range (°C) | -30°C...+45°C                                      |
| ETIM Class                       | EC001716                                           |
| Warranty                         | 5 years                                            |

## Optical data

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Fixture luminous flux (lm)      | 20000                                   |
| Luminaire efficacy (lm/W)       | 170                                     |
| Light colour                    | Warm White or Neutral White or Daylight |
| CRI (Ra)                        | 80                                      |
| Colour Variation Initial (SDCM) | SDCM5                                   |
| Distribution type               | Symmetric                               |
| Photobiological Risk Group      | RG1                                     |
| Luminous flux (emergency) (lm)  | 1300                                    |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Emergency type                                                   |                             |
| Total power consumption (W)                                      | 125                         |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 15                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| No. Of switching cycles before premature failures                | >100000                     |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | 0-10V                       |
| Drive current (mA)                                               | 500                         |
| Inrush Current (A)                                               | 80                          |
| Inrush Duration (µs)                                             | 300                         |
| Energy Efficiency Class (A->G) of contained light source         | C                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| Max. products per 10A C Breaker                                  | 11                          |
| Max. products per 13A C Breaker                                  | 17                          |
| Max. products per 16A C Breaker                                  | 18                          |
| Max. products per 20A C Breaker                                  | 23                          |
| Max. products per 10A B Breaker                                  | 8                           |
| Max. products per 13A B Breaker                                  | 10                          |
| Max. products per 16A B Breaker                                  | 13                          |
| Max. products per 20A B Breaker                                  | 16                          |
| Mains surge immunity (differential mode -> L-N) (kV)             | 6                           |
| Mains surge immunity (common mode -> L/N - GND) (kV)             | 6                           |

# START Highbay IP65 0-10V 10200-20000lm 840/865 Z18

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## Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B50 | 105000 |
| Lifespan L80 B20 | 91000  |

## Physical data

|                               |                      |
|-------------------------------|----------------------|
| Housing colour                | RAL 9006 - Aluminium |
| IP rating                     | IP65                 |
| IK rating                     | IK08                 |
| Diffuser material             | PC Polycarbonate     |
| Reflector finish              | Not Applicable       |
| Nominal Product Height (mm)   | 174                  |
| Nominal Product Diameter (mm) | 270                  |
| Weight (kg)                   | 1.87                 |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288391700  |
| Packaging single length / height (cm) | 29.0           |
| Packaging single width (cm)           | 29.0           |
| Packaging single depth (cm)           | 18.0           |
| DUN14 (inner)                         | 05410288391700 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 29.0           |
| Packaging outer width (cm)            | 29.0           |
| Packaging outer depth (cm)            | 18.0           |

## Safety data

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 850    |
| Optimal operating condition (°C) | -30-45 |