

SylBay - SylSmart  
Sylbay 4000K L2 9000LM WIDE SSE  
0040338



Product features

- Logistics and Industry modular high bay luminaire with wide optics to provide homogenous light distribution for open space areas. Single body with 2 optical modules, 9100 lumens, 57W, 160lm/W, 4000K, CRI 80, wide beam optic, 3 step MacAdam ellipse, grey finish (RAL7012), Class 1, 220-240V, IP65, IK08 (Sensor IK03), (LxWxH) 505x386x133mm, Mains + control cable of 2 meter, SylSmart Connected Industry enabled.



PRODUCT OVERVIEW

|                                 |                                 |
|---------------------------------|---------------------------------|
| Product name                    | Sylbay 4000K L2 9000LM WIDE SSE |
| Technology                      | LED                             |
| Cap/Base                        | N/A                             |
| Housing                         | Aluminium                       |
| Mount                           | Suspended                       |
| Fixture rating                  | Enclosed                        |
| General application             | Logistics & Industry            |
| ETIM Class                      | EC001716                        |
| Warranty                        | 5 years                         |
| Fixture luminous flux (lm)      | 9100                            |
| Luminaire efficacy (lm/W)       | 160                             |
| LOR (%)                         | 100                             |
| Colour temperature (K)          | 4000                            |
| Light colour                    | Neutral White                   |
| CRI (Ra)                        | 80                              |
| Colour Consistency (SDCM)       | 3                               |
| Colour Variation Initial (SDCM) | SDCM3                           |
| Beam Angle (°)                  | 75                              |
| Glare control                   | < 20                            |
| Photobiological Risk Group      | RG1                             |
| Total power consumption (W)     | 57                              |
| Electrical protection           | Class I                         |
| Control gear type               | LED driver constant current     |
| Control gear mounting           | Integral                        |
| Dimmable                        | Yes                             |
| Dimming method                  | SylSmart SSE                    |
| Housing colour                  | Grey                            |
| IP rating                       | IP65                            |
| IK rating                       | IK08                            |
| Product EAN number              | 5410288403380                   |

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### DATA TABLE

#### General data

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| Product name                            | Sylbay 4000K L2 9000LM WIDE SSE |
| Technology                              | LED                             |
| Cap/Base                                | N/A                             |
| Housing                                 | Aluminium                       |
| Mount                                   | Suspended                       |
| Fixture rating                          | Enclosed                        |
| General application                     | Logistics & Industry            |
| Operating temperature range (°C)        | -30°C...+40°C                   |
| Performance ambient temperature Tq (°C) | 25                              |
| ETIM Class                              | EC001716                        |
| Warranty                                | 5 years                         |

#### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 9100          |
| Luminaire efficacy (lm/W)       | 160           |
| LOR (%)                         | 100           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Consistency (SDCM)       | 3             |
| Colour Variation Initial (SDCM) | SDCM3         |
| Beam Angle (°)                  | 75            |
| Glare control                   | < 20          |
| Photobiological Risk Group      | RG1           |

#### Electrical data

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                    | 57                          |
| Primary Supply/Product voltage - min (V)                       | 220                         |
| Primary Supply/Product voltage - max (V)                       | 240                         |
| Lamp power factor                                              | 0.98                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 5.1                         |
| Electrical protection                                          | Class I                     |
| Control gear required                                          | No                          |
| Control gear type                                              | LED driver constant current |
| Control gear mounting                                          | Integral                    |
| Dimmable                                                       | Yes                         |
| Dimming method                                                 | SylSmart SSE                |
| Drive current (mA)                                             | 400                         |
| Inrush Current (A)                                             | 65                          |
| Inrush Duration (µs)                                           | 268                         |
| Glow Wire Test (°C)                                            | 850                         |
| Energy Efficiency Class (A->G) of contained light source       | C                           |
| Nominal Frequency (Hz)                                         | 50/60Hz                     |

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|                                 |    |
|---------------------------------|----|
| Max. products per 10A C Breaker | 5  |
| Max. products per 13A C Breaker | 7  |
| Max. products per 16A C Breaker | 8  |
| Max. products per 20A C Breaker | 10 |
| Max. products per 10A B Breaker | 3  |
| Max. products per 13A B Breaker | 4  |
| Max. products per 16A B Breaker | 5  |
| Max. products per 20A B Breaker | 6  |

### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L70 B20 | 120000 |
| Lifespan L70 B10 | 120000 |
| Lifespan L80 B50 | 120000 |
| Lifespan L80 B20 | 120000 |
| Lifespan L80 B10 | 100000 |
| Lifespan L90 B50 | 71500  |
| Lifespan L90 B20 | 58000  |
| Lifespan L90 B10 | 52000  |

### Physical data

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | Grey             |
| IP rating                   | IP65             |
| IK rating                   | IK08             |
| IK rating of sensor         | IK03             |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 505              |
| Nominal Product Width (mm)  | 386              |
| Nominal Product Height (mm) | 133              |
| Weight (kg)                 | 5.17             |

### Packaging

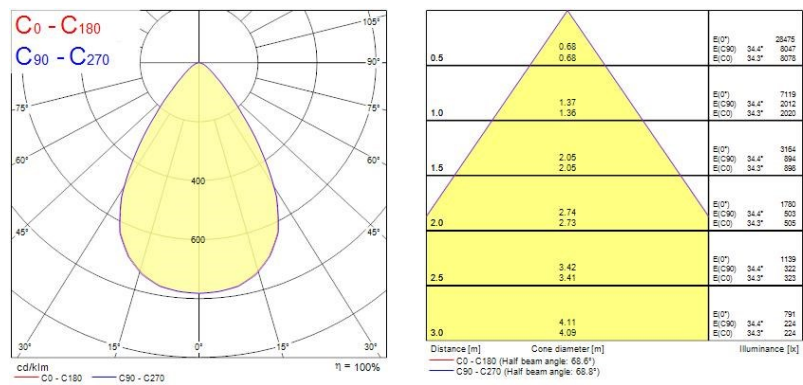
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288403380  |
| Packaging single length / height (cm) | 60.0           |
| Packaging single width (cm)           | 48.0           |
| Packaging single depth (cm)           | 26.0           |
| DUN14 (outer)                         | 05410288403380 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 60.0           |
| Packaging outer width (cm)            | 48.0           |
| Packaging outer depth (cm)            | 26.0           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -30-40 |
|----------------------------------|--------|

## PHOTOMETRY

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TECHNICAL DRAWINGS

