

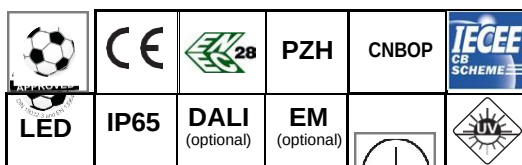
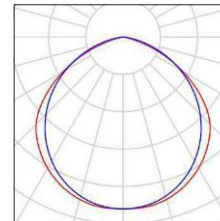
## THE ENERGY-EFFICIENT LOW BAY LED LUMINAIRE

Models: LP-EN2/2SQ/2500, LP-EN4/2SQ/2500

### LED LIGHTING SOLUTION FOR SUSPENDED CEILINGS

Alpha LED LP is a system for suspended ceilings type Armstrong. Application areas include hospitals, healthcare premises, laboratories, etc. The system is designed to be used in heights ranging from 2 to 5 meters.

**Good to know:** Alpha LED LP is an IP65 luminaire.



#### GENERAL TECHNICAL SPECIFICATIONS

|                        |                                                |                                   |                     |
|------------------------|------------------------------------------------|-----------------------------------|---------------------|
| Supply Voltage         | 220-240V AC                                    | Number of LED modules             | 2                   |
| Supply Frequency       | 50-60 Hz                                       | Lamp family code                  | PHILIPS Fortimo LED |
| RFI Suppression        | EN 55015 / CISPR 15                            | Light colour K                    | 3000, 4000 or 6500  |
| Immunity               | EN 61547                                       | Colour Rendering Index            | > 80                |
| Harmonics              | EN 6100-3-2                                    | Min useful life                   | See next page       |
| Operating Temperature* | -35 - +50 °C                                   | Driver /power unit/               | PHILIPS XITANIUM    |
| Storage Temperature    | -40 - +60 °C                                   | Flickering                        | IEEE 1789           |
| Housing material       | 0.8 mm powder coated steel                     | Power factor (full load at 230V)  | > 0.90              |
| Enclosure Rating       | IP65                                           | Dimmable                          | Optional            |
| Lid material           | Opal PMMA or Opal Polycarbonate                | Emergency pack                    | Optional            |
| Cable gland            | PG 13.5 or STUCCHI (3-pole) fast plug optional | System Wattage                    | up to 70W           |
| Protection class IEC   | Safety class I                                 | LED module efficiency (max)       | up to 168 lm/W      |
|                        |                                                | Lumen output of LED modules (max) | up to 10.146 lm     |

\* Only with Xtr drivers. Otherwise from -20 to +50 °C. Operating Temperature limitations for EM options see in next page.

GENERAL TECHNICAL SPECIFICATIONS

| EAN           | Ref.            | Wattage   | LED module efficiency (max) | Lumen output of LED modules (max) | Min useful life L80B50              | Available Options | Dimensions (mm) |     |    | Optimum Working Height |
|---------------|-----------------|-----------|-----------------------------|-----------------------------------|-------------------------------------|-------------------|-----------------|-----|----|------------------------|
|               |                 |           |                             |                                   |                                     |                   | L               | W   | H  |                        |
| 4772049000568 | LP-EN2/2SQ/2500 | up to 35W | 168 lm/W                    | 5.867 lm                          | 63.000 hours at Ta 25C <sup>0</sup> | P/S/EM            | 595             | 595 | 60 | 2 - 5 m                |
|               |                 |           |                             |                                   | 54.000 hours at Ta 50C <sup>0</sup> |                   |                 |     |    |                        |
| 4772049000575 | LP-EN2/2SQ/2500 | up to 55W | 159 lm/W                    | 8.737 lm                          | 63.000 hours at Ta 25C <sup>0</sup> |                   |                 |     |    |                        |
|               |                 |           |                             |                                   | 54.000 hours at Ta 50C <sup>0</sup> |                   |                 |     |    |                        |
| 4772049000575 | LP-EN2/2SQ/2500 | up to 70W | 155 lm/W                    | 10.146 lm                         | 63.000 hours at Ta 25C <sup>0</sup> |                   |                 |     |    |                        |
|               |                 |           |                             |                                   | 54.000 hours at Ta 50C <sup>0</sup> |                   |                 |     |    |                        |
| 4772049000582 | LP-EN4/2SQ/2500 | up to 35W | 168 lm/W                    | 5.867 lm                          | 63.000 hours at Ta 25C <sup>0</sup> |                   | 1195            | 295 | 60 | 2 - 5 m                |
|               |                 |           |                             |                                   | 54.000 hours at Ta 50C <sup>0</sup> |                   |                 |     |    |                        |
| 4772049000599 | LP-EN4/2SQ/2500 | up to 55W | 159 lm/W                    | 8.737 lm                          | 63.000 hours at Ta 25C <sup>0</sup> |                   |                 |     |    |                        |
|               |                 |           |                             |                                   | 54.000 hours at Ta 50C <sup>0</sup> |                   |                 |     |    |                        |
| 4772049000599 | LP-EN4/2SQ/2500 | up to 70W | 155 lm/W                    | 10.146 lm                         | 63.000 hours at Ta 25C <sup>0</sup> |                   |                 |     |    |                        |
|               |                 |           |                             |                                   | 54.000 hours at Ta 50C <sup>0</sup> |                   |                 |     |    |                        |

| EAN                | Additional options                      | Ref. |
|--------------------|-----------------------------------------|------|
| Multiple selection | PIR Sensor (-10/-30 - +35 °C)           | S    |
| Multiple selection | PIR and Light Sensor (-10/-30 - +35 °C) | P    |
| 4772049001008      | Emergency Pack 3h (1h optional)         | EM   |

There is a possibility to order ready-to-use luminaries with desired length of cable installed.



EMERGENCY PACKS

|                                           |            |
|-------------------------------------------|------------|
| TrustSight LED 40-80mA 2.6W (1 battery)   | 1 hour     |
| TrustSight LED 40-80mA 2.6W (2 batteries) | 3 hours    |
| Operating Temperature                     | 0 - +40 °C |



ISO 9001 - ISO 14001  
OHSAS 18001  
**BUREAU VERITAS**  
Certification

