

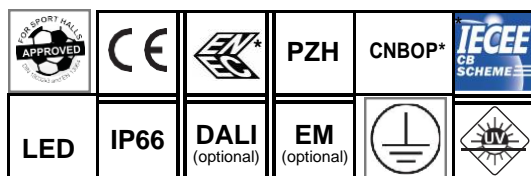
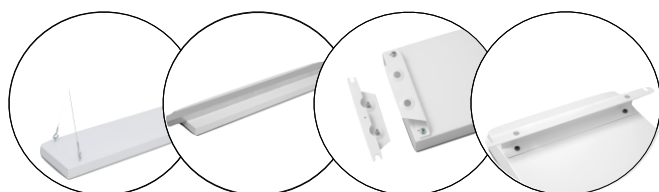
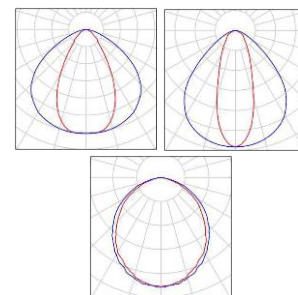
## THE ENERGY-EFFICIENT HIGH BAY LED LUMINAIRE

Models: LN-EN2/1L/ 2200, LN-EN2/1L/4000, LN-EN4/1L/4400, LN-EN4/1L/8000, LN-EN4/1L/4400, LN-EN4/1L/8000, LN-EN5/1L/5500, LN-EN5/1L/10000

### THE GO-TO OPTION FOR FOOD PROCESSING INDUSTRIES

Alpha LED LN INOX is designed to meet the robust requirements of food processing industries. Food processing environments require luminaires that are resistant to corrosion, and can withstand rigorous disinfection protocols. Alpha LED LN INOX is made from premium quality 316L stainless steel. It features all the functionalities and characteristics of standard Alpha LED LN luminaires.

**Good to know:** Alpha LED LN INOX is an IP66 rated luminaire.



| GENERAL TECHNICAL SPECIFICATIONS |                     |
|----------------------------------|---------------------|
| Supply Voltage                   | 220-240V AC         |
| Supply Frequency                 | 50-60 Hz            |
| RFI Suppression                  | EN 55015 / CISPR 15 |
| Immunity                         | EN 61547            |
| Harmonics                        | EN 6100-3-2         |
| Operating Temperature**          | -35 - +50 °C        |
| Storage Temperature              | -40 - +60 °C        |
| Housing material                 | Stainless steel     |
| Enclosure Rating                 | IP66                |
| Lid material                     | Tempered Glass      |
| Cable gland                      | Stainless steel     |
| Impact Resistance                | IK07 or IK09        |

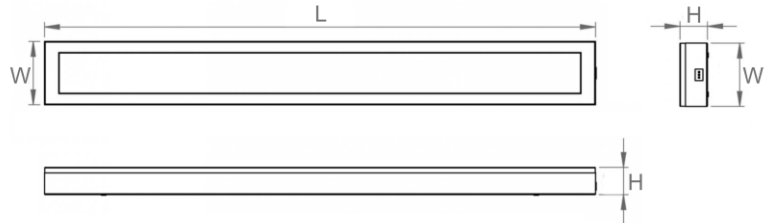
|                                   |                     |
|-----------------------------------|---------------------|
| Number of LED modules             | 2, 3 or 4           |
| Lamp family code                  | PHILIPS Fortimo LED |
| Light color K                     | 3000, 4000 or 5000  |
| Color Rendering Index             | > 80 or > 90        |
| Min useful life                   | See next page       |
| Driver /power unit/               | PHILIPS XITANIUM    |
| Flickering                        | IEEE 1789           |
| Power factor (full load at 230V)  | > 0.90              |
| Dimmable                          | Optional            |
| Emergency pack                    | No                  |
| System Wattage                    | up to 128W          |
| LED module efficiency (max)       | up to 168 lm/W      |
| Lumen output of LED modules (max) | up to 19.438 lm     |

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  |                        |
| 4772049002081 | LN-EN4/1L/4400  | up to 35W  | 168 lm/W                    | 5.877 lm                          | 72.000 hours at Ta 25C <sup>0</sup>  | D                 | 1210             | 175 | 60 | 2 - 5 m                |
|               |                 |            |                             |                                   | 58.000 hours at Ta 50C <sup>0</sup>  |                   |                  |     |    |                        |
| 4772049002098 | LN-EN4/1L/8000  | up to 65W  | 159 lm/W                    | 9.871 lm                          | 100.000 hours at Ta 25C <sup>0</sup> | D                 | 1210             | 175 | 60 | 2 - 5 m                |
|               |                 |            |                             |                                   | 94.000 hours at Ta 50C <sup>0</sup>  |                   |                  |     |    |                        |
| 4772049000247 | LN-EN4/2L/8000  | up to 128W | 159 lm/W                    | 19.438 lm                         | 100.000 hours at Ta 25C <sup>0</sup> | D                 | 1210             | 245 | 60 | 2 - 8 m                |
|               |                 |            |                             |                                   | 94.000 hours at Ta 50C <sup>0</sup>  |                   |                  |     |    |                        |
| 4772049002104 | LN-EN5/1L/5500  | up to 45W  | 167 lm/W                    | 7.514 lm                          | 72.000 hours at Ta 25C <sup>0</sup>  | D                 | 1510             | 175 | 60 | 2 - 8 m                |
|               |                 |            |                             |                                   | 58.000 hours at Ta 50C <sup>0</sup>  |                   |                  |     |    |                        |
| 4772049002111 | LN-EN5/1L/10000 | up to 75W  | 160 lm/W                    | 12.019 lm                         | 100.000 hours at Ta 25C <sup>0</sup> | D                 | 1510             | 175 | 60 | 2 - 8 m                |
|               |                 |            |                             |                                   | 94.000 hours at Ta 50C <sup>0</sup>  |                   |                  |     |    |                        |

| EAN           | Additional options | Ref. |
|---------------|--------------------|------|
| 4052899130357 | Diffusers          | D    |

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



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

