

# NORTE C LED

## High-bays



**Images for the product family and options:**



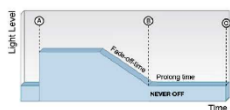
**Description:** Surface mounted or suspended high-bay LED luminaire for use in low temperatures -35°C environments  
 Light distribution type: direct  
 Optics: lenses, silicone rubber gasket, impact resistance  
 Body: aluminium  
 RAL: white (RAL9003)

**General data:** Mains voltage: 220-240V, 0/50/60Hz  
 LED lifetime, h: 100000/L80B50  
 SDCM: 3  
 Protection class IEC: I  
 Ingress protection code: IP65  
 Mechanical impact resistance: IK08  
 Protection symbol: D  
 Operating temperature range, °C: ta -35...+35°C

**Installation:** On the ceiling or suspended. Cable 2,0m 3x0,75mm<sup>2</sup>

**Environment:** Indoor

**Application:** Cold storage, industry, warehouse, transport terminal

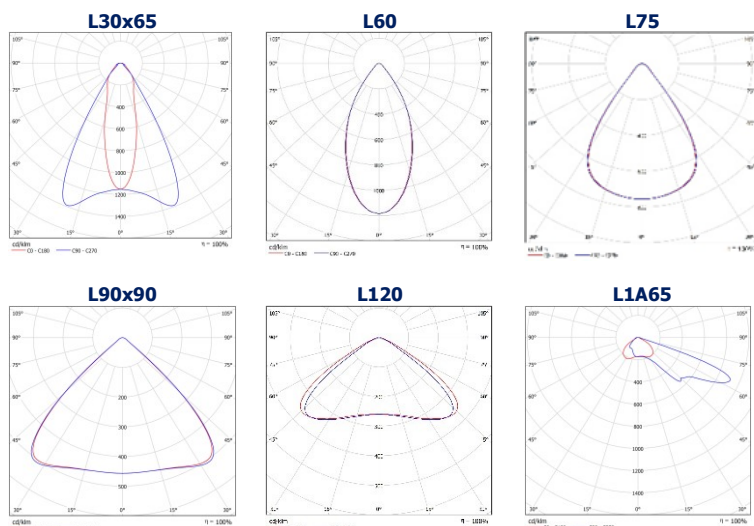


Corridor option automatic switching is based on presence/motion with the time delay set on site to suit the customer's requirements, where no presence is detected the light level will fade from 100% down to 10% saving up to 60% of the energy usage. The COR function does not abruptly switch off the lighting but dims it to a 10% level. Depending on the profile selected the device remains at this light level ("never off" profile) or switches off completely after the appropriate delay ("Switch off" profile). This arrangement provides efficient energy savings in 24-hour applications where light is needed round the clock for safety reasons, for example in stairwells and corridors in public buildings, and in large apartment complexes, car parks, pedestrian underpasses, warehouses and underground railway stations.

| Product   | Length, mm | Width, mm | Height, mm | Luminaire output*, lm | System power*, W | System efficacy*, lm/W | CRI | CCT*, K | Weight, kg |
|---|------------|-----------|------------|-----------------------|------------------|------------------------|-----|---------|------------|
| Norte C LED1x10700 G331 T830 L30x65 CBF3-2.0m Tmin-35 | 554        | 114       | 80         | 9499                  | 61,2             | 155                    | 80+ | 3000    | 1,80       |
| Norte C LED1x16050 G332 T830 L30x65 CBF3-2.0m Tmin-35 | 807        | 114       | 80         | 14248                 | 89,8             | 159                    | 80+ | 3000    | 2,00       |
| Norte C LED1x21400 G333 T830 L30x65 CBF3-2.0m Tmin-35 | 1060       | 114       | 80         | 18997                 | 117,2            | 162                    | 80+ | 3000    | 2,40       |
| Norte C LED1x10700 G331 T840 L30x65 CBF3-2.0m Tmin-35 | 554        | 114       | 80         | 10012                 | 61,2             | 164                    | 80+ | 4000    | 1,80       |
| Norte C LED1x16050 G332 T840 L30x65 CBF3-2.0m Tmin-35 | 807        | 114       | 80         | 15018                 | 89,8             | 167                    | 80+ | 4000    | 2,00       |
| Norte C LED1x21400 G333 T840 L30x65 CBF3-2.0m Tmin-35 | 1060       | 114       | 80         | 20024                 | 117,2            | 171                    | 80+ | 4000    | 2,40       |
| Norte C LED1x10700 G331 T830 L60 CBF3-2.0m Tmin-35    | 554        | 114       | 80         | 10139                 | 61,2             | 166                    | 80+ | 3000    | 1,80       |
| Norte C LED1x16050 G332 T830 L60 CBF3-2.0m Tmin-35    | 807        | 114       | 80         | 15209                 | 89,8             | 169                    | 80+ | 3000    | 2,00       |
| Norte C LED1x21400 G333 T830 L60 CBF3-2.0m Tmin-35    | 1060       | 114       | 80         | 20278                 | 117,2            | 173                    | 80+ | 3000    | 2,40       |
| Norte C LED1x10700 G331 T840 L60 CBF3-2.0m Tmin-35    | 554        | 114       | 80         | 10687                 | 61,2             | 175                    | 80+ | 4000    | 1,80       |
| Norte C LED1x16050 G332 T840 L60 CBF3-2.0m Tmin-35    | 807        | 114       | 80         | 16030                 | 89,8             | 179                    | 80+ | 4000    | 2,00       |
| Norte C LED1x21400 G333 T840 L60 CBF3-2.0m Tmin-35    | 1060       | 114       | 80         | 21374                 | 117,2            | 182                    | 80+ | 4000    | 2,40       |
| Norte C LED1x10700 G331 T830 L75 CBF3-2.0m Tmin-35    | 554        | 114       | 80         | 9712                  | 61,2             | 159                    | 80+ | 3000    | 1,80       |
| Norte C LED1x16050 G332 T830 L75 CBF3-2.0m Tmin-35    | 807        | 114       | 80         | 14568                 | 89,8             | 162                    | 80+ | 3000    | 2,00       |

| Product   | Length, mm | Width, mm | Height, mm | Luminaire output*, lm | System power*, W | System efficacy*, lm/W | CRI | CCT*, K | Weight, kg |
|---|------------|-----------|------------|-----------------------|------------------|------------------------|-----|---------|------------|
| Norte C LED1x21400 G333 T830 L75 CBF3-2.0m Tmin-35    | 1060       | 114       | 80         | 19424                 | 117,2            | 166                    | 80+ | 3000    | 2,40       |
| Norte C LED1x10700 G331 T840 L75 CBF3-2.0m Tmin-35    | 554        | 114       | 80         | 10237                 | 61,2             | 167                    | 80+ | 4000    | 1,80       |
| Norte C LED1x16050 G332 T840 L75 CBF3-2.0m Tmin-35    | 807        | 114       | 80         | 15355                 | 89,8             | 171                    | 80+ | 4000    | 2,00       |
| Norte C LED1x21400 G333 T840 L75 CBF3-2.0m Tmin-35    | 1060       | 114       | 80         | 20474                 | 117,2            | 175                    | 80+ | 4000    | 2,40       |
| Norte C LED1x10700 G331 T830 L90x90 CBF3-2.0m Tmin-35 | 554        | 114       | 80         | 10139                 | 61,2             | 166                    | 80+ | 3000    | 1,80       |
| Norte C LED1x16050 G332 T830 L90x90 CBF3-2.0m Tmin-35 | 807        | 114       | 80         | 15209                 | 89,8             | 169                    | 80+ | 3000    | 2,00       |
| Norte C LED1x21400 G333 T830 L90x90 CBF3-2.0m Tmin-35 | 1060       | 114       | 80         | 20278                 | 117,2            | 173                    | 80+ | 3000    | 2,40       |
| Norte C LED1x10700 G331 T840 L90x90 CBF3-2.0m Tmin-35 | 554        | 114       | 80         | 10687                 | 61,2             | 175                    | 80+ | 4000    | 1,80       |
| Norte C LED1x16050 G332 T840 L90x90 CBF3-2.0m Tmin-35 | 807        | 114       | 80         | 16030                 | 89,8             | 179                    | 80+ | 4000    | 2,00       |
| Norte C LED1x21400 G333 T840 L90x90 CBF3-2.0m Tmin-35 | 1060       | 114       | 80         | 21374                 | 117,2            | 182                    | 80+ | 4000    | 2,40       |
| Norte C LED1x10700 G331 T830 L120 CBF3-2.0m Tmin-35   | 554        | 114       | 80         | 10139                 | 61,2             | 166                    | 80+ | 3000    | 1,80       |
| Norte C LED1x16050 G332 T830 L120 CBF3-2.0m Tmin-35   | 807        | 114       | 80         | 15209                 | 89,8             | 169                    | 80+ | 3000    | 2,00       |
| Norte C LED1x21400 G333 T830 L120 CBF3-2.0m Tmin-35   | 1060       | 114       | 80         | 20278                 | 117,2            | 173                    | 80+ | 3000    | 2,40       |
| Norte C LED1x10700 G331 T840 L120 CBF3-2.0m Tmin-35   | 554        | 114       | 80         | 10687                 | 61,2             | 175                    | 80+ | 4000    | 1,80       |
| Norte C LED1x16050 G332 T840 L120 CBF3-2.0m Tmin-35   | 807        | 114       | 80         | 16030                 | 89,8             | 179                    | 80+ | 4000    | 2,00       |
| Norte C LED1x21400 G333 T840 L120 CBF3-2.0m Tmin-35   | 1060       | 114       | 80         | 21374                 | 117,2            | 182                    | 80+ | 4000    | 2,40       |

\* Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification



### Available options:

- |          |   |       |                                   |
|----------|---|-------|-----------------------------------|
| DALI     | Driver with DALI interface and switch-control dimming         | L75   | Optics with 75° beam angle        |
| COR      | Driver with Corridor function (never off)                     | L90   | Optics with 90x90° beam angle     |
| COR1min  | Driver with Corridor function 1min (switch off after 1 min)   | L120  | Optics with 120x120° beam angle   |
| COR30min | Driver with Corridor function 30min (switch off after 30 min) | L1A65 | Optics with asymmetric beam       |
| L30x65   | Optics with 30x65° beam angle                                 | T830  | Colour temperature 3000K, CRI 80+ |
| L60      | Optics with 60x60° beam angle                                 | T840  | Colour temperature 4000K, CRI 80+ |
|          |   | T857  | Colour temperature 5700K, CRI 80+ |
|          |   | T865  | Colour temperature 6500K, CRI 80+ |

### Available accessories:



- Product: Suspension MTG KIT - Norte I LED 1.5m  
Description: Suspension kit for Norte I LED highbay, 1.5 meter
- Product: Suspension MTG KIT - Norte I LED 3.0m  
Description: Suspension kit for Norte I LED highbay, 3.0 meter
- Product: Suspension MTG KIT - Norte I LED 5.0m  
Description: Suspension kit for Norte I LED highbay, 5.0 meter



- Product: Wire suspension BRACKETS - Norte I LED  
Description: Wire suspension brackets for Norte I LED highbay, 2pcs