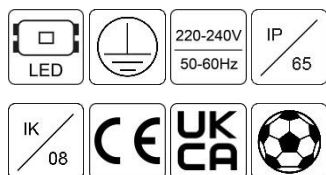


NORTE | LED

High-bays



Images for the product family and options:



Description:

Surface mounted or suspended high-bay LED luminaire
 Light distribution type: direct
 Optical system: lenses, silicone rubber gasket, impact resistant
 Housing: aluminium
 Colour: 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 (IK10 with protection grid)
 Protection symbol: D
 Operating temperature range, °C: ta -20...+35/ +40

Installation:

On the ceiling or wall, or suspended. Push-in terminal, 5x2x2.5mm²

Environment:

Indoor

Application:

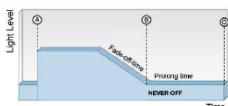
Industry, warehouse, hall, sports, transport terminal



Fixture mounted HBPIR sensors provide fast installation and immediate energy savings by automatically activating lighting only during periods of occupancy. Reliable passive infrared (PIR) technology detects occupancy, and the variable time delay - up to 30 minutes - is user accessible without power, tools or disassembly, and allows the ideal setting based on application needs. Included with the sensor are lenses for high-bay, low-bay and aisle mounting, allowing one unit to cover a variety of applications. The innovative Autocal feature performs an automatic daylight level calibration. Once calibrated, the sensor requires no further adjustment and immediately enters daylight harvesting mode, actively switching the connected fixture load ON and OFF in response to occupancy and available natural light maximizing energy savings through efficient light harvesting.



Fixture mounted HBEAIR sensors ensure lighting is only on when and where it is needed. The sensors in combination with luminaires can bring huge benefits in terms of energy management as they provide occupancy detection and daylight sensing for heights up to 16 meters. Energy saving - typically between 30% and 50%. HBEAIR can be easily programmed via a smartphone, that offers immense flexibility to commission luminaires into groups and further divided in zones wirelessly. The HBEAIR offers intelligent wireless lighting control, for warehouse (and similar) applications. Advantages: 5m-16m mounting height, simple grouping via NFC and IR with the Apps, zoning and occupancy sharing (zone with motion goes to full task level while sub-zones are maintained at background light level).



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 I LED1x10500 G103 T830 ALU L40 | 935 | 114 | 80 | 9503 | 58,7 | 162 | 80+ | 3000 | 1,5 |
| Norte I LED1x12350 G104 T830 ALU L40 | 935 | 114 | 80 | 11206 | 70,1 | 160 | 80+ | 3000 | 1,5 |
| Norte I LED1x14250 G105 T830 ALU L40 | 935 | 114 | 80 | 12922 | 82,5 | 157 | 80+ | 3000 | 1,5 |
| Norte I LED1x15650 G106 T830 ALU L40 | 1190 | 114 | 80 | 14255 | 87,1 | 164 | 80+ | 3000 | 2,2 |
| Norte I LED1x18550 G107 T830 ALU L40 | 1190 | 114 | 80 | 16809 | 104,0 | 162 | 80+ | 3000 | 2,2 |
| Norte I LED1x21250 G108 T830 ALU L40 | 1190 | 114 | 80 | 19384 | 122,4 | 158 | 80+ | 3000 | 2,2 |
| Norte I LED1x20900 G110 T830 ALU L40 | 1444 | 114 | 80 | 18909 | 114,6 | 165 | 80+ | 3000 | 2,8 |
| Norte I LED1x24700 G111 T830 ALU L40 | 1444 | 114 | 80 | 22412 | 137,2 | 163 | 80+ | 3000 | 2,8 |
| Norte I LED1x26450 G116 T830 ALU L40 | 1444 | 114 | 80 | 24050 | 149,6 | 161 | 80+ | 3000 | 2,8 |
| Norte I LED1x28350 G112 T830 ALU L40 | 1444 | 114 | 80 | 25711 | 162,8 | 158 | 80+ | 3000 | 2,8 |
| Norte I LED1x31100 G113 T830 ALU L40 | 1953 | 114 | 80 | 28217 | 173,2 | 163 | 80+ | 3000 | 4,1 |
| Norte I LED1x36900 G114 T830 ALU L40 | 1953 | 114 | 80 | 33444 | 207,4 | 161 | 80+ | 3000 | 4,1 |
| Norte I LED1x42300 G115 T830 ALU L40 | 1953 | 114 | 80 | 38367 | 243,5 | 158 | 80+ | 3000 | 4,1 |
| Norte I LED1x10500 G103 T840 ALU L40 | 935 | 114 | 80 | 10031 | 58,7 | 171 | 80+ | 4000 | 1,5 |
| Norte I LED1x12350 G104 T840 ALU L40 | 935 | 114 | 80 | 11829 | 70,1 | 169 | 80+ | 4000 | 1,5 |
| Norte I LED1x14250 G105 T840 ALU L40 | 935 | 114 | 80 | 13640 | 82,5 | 165 | 80+ | 4000 | 1,5 |
| Norte I LED1x15650 G106 T840 ALU L40 | 1190 | 114 | 80 | 14969 | 86,9 | 172 | 80+ | 4000 | 2,2 |
| Norte I LED1x18550 G107 T840 ALU L40 | 1190 | 114 | 80 | 17743 | 104,0 | 171 | 80+ | 4000 | 2,2 |
| Norte I LED1x21250 G108 T840 ALU L40 | 1190 | 114 | 80 | 20355 | 122,1 | 167 | 80+ | 4000 | 2,2 |
| Norte I LED1x20900 G110 T840 ALU L40 | 1444 | 114 | 80 | 19959 | 114,6 | 174 | 80+ | 4000 | 2,8 |
| Norte I LED1x24700 G111 T840 ALU L40 | 1444 | 114 | 80 | 23657 | 137,2 | 172 | 80+ | 4000 | 2,8 |
| Norte I LED1x26450 G116 T840 ALU L40 | 1444 | 114 | 80 | 25315 | 149,6 | 169 | 80+ | 4000 | 2,8 |
| Norte I LED1x28350 G112 T840 ALU L40 | 1444 | 114 | 80 | 27140 | 162,8 | 167 | 80+ | 4000 | 2,8 |
| Norte I LED1x31100 G113 T840 ALU L40 | 1953 | 114 | 80 | 29784 | 173,2 | 172 | 80+ | 4000 | 4,1 |
| Norte I LED1x36900 G114 T840 ALU L40 | 1953 | 114 | 80 | 35302 | 207,4 | 170 | 80+ | 4000 | 4,1 |
| Norte I LED1x42300 G115 T840 ALU L40 | 1953 | 114 | 80 | 40499 | 243,5 | 166 | 80+ | 4000 | 4,1 |
| Norte I LED1x10500 G103 T830 ALU L30x65 | 935 | 114 | 80 | 9399 | 58,7 | 160 | 80+ | 3000 | 1,5 |
| Norte I LED1x12350 G104 T830 ALU L30x65 | 935 | 114 | 80 | 11083 | 70,1 | 158 | 80+ | 3000 | 1,5 |
| Norte I LED1x14250 G105 T830 ALU L30x65 | 935 | 114 | 80 | 12780 | 82,5 | 155 | 80+ | 3000 | 1,5 |
| Norte I LED1x15650 G106 T830 ALU L30x65 | 1190 | 114 | 80 | 14098 | 87,1 | 162 | 80+ | 3000 | 2,2 |
| Norte I LED1x18550 G107 T830 ALU L30x65 | 1190 | 114 | 80 | 16624 | 104,0 | 160 | 80+ | 3000 | 2,2 |
| Norte I LED1x21250 G108 T830 ALU L30x65 | 1190 | 114 | 80 | 19171 | 122,4 | 157 | 80+ | 3000 | 2,2 |
| Norte I LED1x20900 G110 T830 ALU L30x65 | 1444 | 114 | 80 | 18701 | 114,6 | 163 | 80+ | 3000 | 2,8 |
| Norte I LED1x24700 G111 T830 ALU L30x65 | 1444 | 114 | 80 | 22166 | 137,2 | 162 | 80+ | 3000 | 2,8 |
| Norte I LED1x26450 G116 T830 ALU L30x65 | 1444 | 114 | 80 | 23785 | 149,6 | 159 | 80+ | 3000 | 2,8 |
| Norte I LED1x28350 G112 T830 ALU L30x65 | 1444 | 114 | 80 | 25429 | 162,8 | 156 | 80+ | 3000 | 2,8 |
| Norte I LED1x31100 G113 T830 ALU L30x65 | 1953 | 114 | 80 | 27907 | 173,2 | 161 | 80+ | 3000 | 4,1 |
| Norte I LED1x36900 G114 T830 ALU L30x65 | 1953 | 114 | 80 | 33077 | 207,4 | 159 | 80+ | 3000 | 4,1 |
| Norte I LED1x42300 G115 T830 ALU L30x65 | 1953 | 114 | 80 | 37945 | 243,5 | 156 | 80+ | 3000 | 4,1 |
| Norte I LED1x10500 G103 T840 ALU L30x65 | 935 | 114 | 80 | 9921 | 58,7 | 169 | 80+ | 4000 | 1,5 |
| Norte I LED1x12350 G104 T840 ALU L30x65 | 935 | 114 | 80 | 11699 | 70,1 | 167 | 80+ | 4000 | 1,5 |
| Norte I LED1x14250 G105 T840 ALU L30x65 | 935 | 114 | 80 | 13490 | 82,5 | 164 | 80+ | 4000 | 1,5 |
| Norte I LED1x15650 G106 T840 ALU L30x65 | 1190 | 114 | 80 | 14805 | 86,9 | 170 | 80+ | 4000 | 2,2 |
| Norte I LED1x18550 G107 T840 ALU L30x65 | 1190 | 114 | 80 | 17548 | 104,0 | 169 | 80+ | 4000 | 2,2 |
| Norte I LED1x21250 G108 T840 ALU L30x65 | 1190 | 114 | 80 | 20131 | 122,1 | 165 | 80+ | 4000 | 2,2 |
| Norte I LED1x20900 G110 T840 ALU L30x65 | 1444 | 114 | 80 | 19740 | 114,6 | 172 | 80+ | 4000 | 2,8 |
| Norte I LED1x24700 G111 T840 ALU L30x65 | 1444 | 114 | 80 | 23397 | 137,2 | 171 | 80+ | 4000 | 2,8 |
| Norte I LED1x26450 G116 T840 ALU L30x65 | 1444 | 114 | 80 | 25037 | 149,6 | 168 | 80+ | 4000 | 2,8 |
| Norte I LED1x28350 G112 T840 ALU L30x65 | 1444 | 114 | 80 | 26842 | 162,8 | 165 | 80+ | 4000 | 2,8 |
| Norte I LED1x31100 G113 T840 ALU L30x65 | 1953 | 114 | 80 | 29457 | 173,2 | 170 | 80+ | 4000 | 4,1 |
| Norte I LED1x36900 G114 T840 ALU L30x65 | 1953 | 114 | 80 | 34914 | 207,4 | 168 | 80+ | 4000 | 4,1 |
| Norte I LED1x42300 G115 T840 ALU L30x65 | 1953 | 114 | 80 | 40054 | 243,5 | 164 | 80+ | 4000 | 4,1 |
| Norte I LED1x10500 G103 T830 ALU L60 | 935 | 114 | 80 | 9921 | 58,7 | 169 | 80+ | 3000 | 1,5 |
| Norte I LED1x12350 G104 T830 ALU L60 | 935 | 114 | 80 | 11699 | 70,1 | 167 | 80+ | 3000 | 1,5 |
| Norte I LED1x14250 G105 T830 ALU L60 | 935 | 114 | 80 | 13490 | 82,5 | 164 | 80+ | 3000 | 1,5 |
| Norte I LED1x15650 G106 T830 ALU L60 | 1190 | 114 | 80 | 14881 | 87,1 | 171 | 80+ | 3000 | 2,2 |
| Norte I LED1x18550 G107 T830 ALU L60 | 1190 | 114 | 80 | 17548 | 104,0 | 169 | 80+ | 3000 | 2,2 |
| Norte I LED1x21250 G108 T830 ALU L60 | 1190 | 114 | 80 | 20236 | 122,4 | 165 | 80+ | 3000 | 2,2 |
| Norte I LED1x20900 G110 T830 ALU L60 | 1444 | 114 | 80 | 19740 | 114,6 | 172 | 80+ | 3000 | 2,8 |
| Norte I LED1x24700 G111 T830 ALU L60 | 1444 | 114 | 80 | 23397 | 137,2 | 171 | 80+ | 3000 | 2,8 |
| Norte I LED1x26450 G116 T830 ALU L60 | 1444 | 114 | 80 | 25107 | 149,6 | 168 | 80+ | 3000 | 2,8 |
| Norte I LED1x28350 G112 T830 ALU L60 | 1444 | 114 | 80 | 26842 | 162,8 | 165 | 80+ | 3000 | 2,8 |
| Norte I LED1x31100 G113 T830 ALU L60 | 1953 | 114 | 80 | 29457 | 173,2 | 170 | 80+ | 3000 | 4,1 |
| Norte I LED1x36900 G114 T830 ALU L60 | 1953 | 114 | 80 | 34914 | 207,4 | 168 | 80+ | 3000 | 4,1 |
| Norte I LED1x42300 G115 T830 ALU L60 | 1953 | 114 | 80 | 40054 | 243,5 | 164 | 80+ | 3000 | 4,1 |
| Norte I LED1x10500 G103 T840 ALU L60 | 935 | 114 | 80 | 10472 | 58,7 | 178 | 80+ | 4000 | 1,5 |
| Norte I LED1x12350 G104 T840 ALU L60 | 935 | 114 | 80 | 12348 | 70,1 | 176 | 80+ | 4000 | 1,5 |
| Norte I LED1x14250 G105 T840 ALU L60 | 935 | 114 | 80 | 14240 | 82,5 | 173 | 80+ | 4000 | 1,5 |
| Norte I LED1x15650 G106 T840 ALU L60 | 1190 | 114 | 80 | 15627 | 86,9 | 180 | 80+ | 4000 | 2,2 |
| Norte I LED1x18550 G107 T840 ALU L60 | 1190 | 114 | 80 | 18523 | 104,0 | 178 | 80+ | 4000 | 2,2 |
| Norte I LED1x21250 G108 T840 ALU L60 | 1190 | 114 | 80 | 21250 | 122,1 | 174 | 80+ | 4000 | 2,2 |
| Norte I LED1x20900 G110 T840 ALU L60 | 1444 | 114 | 80 | 20837 | 114,6 | 182 | 80+ | 4000 | 2,8 |
| Norte I LED1x24700 G111 T840 ALU L60 | 1444 | 114 | 80 | 24697 | 137,2 | 180 | 80+ | 4000 | 2,8 |
| Norte I LED1x26450 G116 T840 ALU L60 | 1444 | 114 | 80 | 26428 | 149,6 | 177 | 80+ | 4000 | 2,8 |
| Norte I LED1x28350 G112 T840 ALU L60 | 1444 | 114 | 80 | 28333 | 162,8 | 174 | 80+ | 4000 | 2,8 |
| Norte I LED1x31100 G113 T840 ALU L60 | 1953 | 114 | 80 | 31094 | 173,2 | 180 | 80+ | 4000 | 4,1 |
| Norte I LED1x36900 G114 T840 ALU L60 | 1953 | 114 | 80 | 36854 | 207,4 | 178 | 80+ | 4000 | 4,1 |
| Norte I LED1x42300 G115 T840 ALU L60 | 1953 | 114 | 80 | 42279 | 243,5 | 174 | 80+ | 4000 | 4,1 |
| Norte I LED1x10500 G103 T830 ALU L75 | 935 | 114 | 80 | 9503 | 58,7 | 162 | 80+ | 3000 | 1,5 |
| Norte I LED1x12350 G104 T830 ALU L75 | 935 | 114 | 80 | 11206 | 70,1 | 160 | 80+ | 3000 | 1,5 |
| Norte I LED1x14250 G105 T830 ALU L75 | 935 | 114 | 80 | 12922 | 82,5 | 157 | 80+ | 3000 | 1,5 |
| Norte I LED1x15650 G106 T830 ALU L75 | 1190 | 114 | 80 | 14255 | 87,1 | 164 | 80+ | 3000 | 2,2 |
| Norte I LED1x18550 G107 T830 ALU L75 | 1190 | 114 | 80 | 16809 | 104,0 | 162 | 80+ | 3000 | 2,2 |
| Norte I LED1x21250 G108 T830 ALU L75 | 1190 | 114 | 80 | 19384 | 122,4 | 158 | 80+ | 3000 | 2,2 |
| Norte I LED1x20900 G110 T830 ALU L75 | 1444 | 114 | 80 | 18909 | 114,6 | 165 | 80+ | 3000 | 2,8 |
| Norte I LED1x24700 G111 T830 ALU L75 | 1444 | 114 | 80 | 22412 | 137,2 | 163 | 80+ | 3000 | 2,8 |
| Norte I LED1x26450 G116 T830 ALU L75 | 1444 | 114 | 80 | 24050 | 149,6 | 161 | 80+ | 3000 | 2,8 |
| Norte I LED1x28350 G112 T830 ALU L75 | 1444 | 114 | 80 | 25711 | 162,8 | 158 | 80+ | 3000 | 2,8 |
| Norte I LED1x31100 G113 T830 ALU L75 | 1953 | 114 | 80 | 28217 | 173,2 | 163 | 80+ | 3000 | 4,1 |
| Norte I LED1x36900 G114 T830 ALU L75 | 1953 | 114 | 80 | 33444 | 207,4 | 161 | 80+ | 3000 | 4,1 |
| Norte I LED1x42300 G115 T830 ALU L75 | 1953 | 114 | 80 | 38367 | 243,5 | 158 | 80+ | 3000 | 4,1 |
| Norte I LED1x10500 G103 T840 ALU L75 | 935 | 114 | 80 | 10031 | 58,7 | 171 | 80+ | 4000 | 1,5 |
| Norte I LED1x12350 G104 T840 ALU L75 | 935 | 114 | 80 | 11829 | 70,1 | 169 | 80+ | 4000 | 1,5 |

| Product | Length, mm | Width, mm | Height, mm | Luminaire output*, lm | System power*, W | System efficacy, lm/W | CRI | CCT*, K | Weight, kg |
|---|------------|-----------|------------|-----------------------|------------------|-----------------------|-----|---------|------------|
| Norte I LED1x14250 G105 T840 ALU L75 | 935 | 114 | 80 | 13640 | 82,5 | 165 | 80+ | 4000 | 1,5 |
| Norte I LED1x15650 G106 T840 ALU L75 | 1190 | 114 | 80 | 14969 | 86,9 | 172 | 80+ | 4000 | 2,2 |
| Norte I LED1x18550 G107 T840 ALU L75 | 1190 | 114 | 80 | 17743 | 104,0 | 171 | 80+ | 4000 | 2,2 |
| Norte I LED1x21250 G108 T840 ALU L75 | 1190 | 114 | 80 | 20355 | 122,1 | 167 | 80+ | 4000 | 2,2 |
| Norte I LED1x20900 G110 T840 ALU L75 | 1444 | 114 | 80 | 19959 | 114,6 | 174 | 80+ | 4000 | 2,8 |
| Norte I LED1x24700 G111 T840 ALU L75 | 1444 | 114 | 80 | 23657 | 137,2 | 172 | 80+ | 4000 | 2,8 |
| Norte I LED1x26450 G116 T840 ALU L75 | 1444 | 114 | 80 | 25315 | 149,6 | 169 | 80+ | 4000 | 2,8 |
| Norte I LED1x28350 G112 T840 ALU L75 | 1444 | 114 | 80 | 27140 | 162,8 | 167 | 80+ | 4000 | 2,8 |
| Norte I LED1x31100 G113 T840 ALU L75 | 1953 | 114 | 80 | 29784 | 173,2 | 172 | 80+ | 4000 | 4,1 |
| Norte I LED1x36900 G114 T840 ALU L75 | 1953 | 114 | 80 | 35302 | 207,4 | 170 | 80+ | 4000 | 4,1 |
| Norte I LED1x42300 G115 T840 ALU L75 | 1953 | 114 | 80 | 40499 | 243,5 | 166 | 80+ | 4000 | 4,1 |
| Norte I LED1x10500 G103 T830 ALU L90x90 | 935 | 114 | 80 | 9921 | 58,7 | 169 | 80+ | 3000 | 1,5 |
| Norte I LED1x12350 G104 T830 ALU L90x90 | 935 | 114 | 80 | 11699 | 70,1 | 167 | 80+ | 3000 | 1,5 |
| Norte I LED1x14250 G105 T830 ALU L90x90 | 935 | 114 | 80 | 13490 | 82,5 | 164 | 80+ | 3000 | 1,5 |
| Norte I LED1x15650 G106 T830 ALU L90x90 | 1190 | 114 | 80 | 14881 | 87,1 | 171 | 80+ | 3000 | 2,2 |
| Norte I LED1x18550 G107 T830 ALU L90x90 | 1190 | 114 | 80 | 17548 | 104,0 | 169 | 80+ | 3000 | 2,2 |
| Norte I LED1x21250 G108 T830 ALU L90x90 | 1190 | 114 | 80 | 20236 | 122,4 | 165 | 80+ | 3000 | 2,2 |
| Norte I LED1x20850 G110 T830 ALU L90x90 | 1444 | 114 | 80 | 19740 | 114,6 | 172 | 80+ | 3000 | 2,8 |
| Norte I LED1x24700 G111 T830 ALU L90x90 | 1444 | 114 | 80 | 23397 | 137,2 | 171 | 80+ | 3000 | 2,8 |
| Norte I LED1x26450 G116 T830 ALU L90x90 | 1444 | 114 | 80 | 25107 | 149,6 | 168 | 80+ | 3000 | 2,8 |
| Norte I LED1x28350 G112 T830 ALU L90x90 | 1444 | 114 | 80 | 26842 | 162,8 | 165 | 80+ | 3000 | 2,8 |
| Norte I LED1x31100 G113 T830 ALU L90x90 | 1953 | 114 | 80 | 29457 | 173,2 | 170 | 80+ | 3000 | 4,1 |
| Norte I LED1x36900 G114 T830 ALU L90x90 | 1953 | 114 | 80 | 34914 | 207,4 | 168 | 80+ | 3000 | 4,1 |
| Norte I LED1x42300 G115 T830 ALU L90x90 | 1953 | 114 | 80 | 40054 | 243,5 | 164 | 80+ | 3000 | 4,1 |
| Norte I LED1x10500 G103 T840 ALU L90x90 | 935 | 114 | 80 | 10472 | 58,7 | 178 | 80+ | 4000 | 1,5 |
| Norte I LED1x12350 G104 T840 ALU L90x90 | 935 | 114 | 80 | 12348 | 70,1 | 176 | 80+ | 4000 | 1,5 |
| Norte I LED1x14250 G105 T840 ALU L90x90 | 935 | 114 | 80 | 14240 | 82,5 | 173 | 80+ | 4000 | 1,5 |
| Norte I LED1x15650 G106 T840 ALU L90x90 | 1190 | 114 | 80 | 15627 | 86,9 | 180 | 80+ | 4000 | 2,2 |
| Norte I LED1x18550 G107 T840 ALU L90x90 | 1190 | 114 | 80 | 18523 | 104,0 | 178 | 80+ | 4000 | 2,2 |
| Norte I LED1x21250 G108 T840 ALU L90x90 | 1190 | 114 | 80 | 21250 | 122,1 | 174 | 80+ | 4000 | 2,2 |
| Norte I LED1x20850 G110 T840 ALU L90x90 | 1444 | 114 | 80 | 20837 | 114,6 | 182 | 80+ | 4000 | 2,8 |
| Norte I LED1x24700 G111 T840 ALU L90x90 | 1444 | 114 | 80 | 24697 | 137,2 | 180 | 80+ | 4000 | 2,8 |
| Norte I LED1x26450 G116 T840 ALU L90x90 | 1444 | 114 | 80 | 26428 | 149,6 | 177 | 80+ | 4000 | 2,8 |
| Norte I LED1x28350 G112 T840 ALU L90x90 | 1444 | 114 | 80 | 28333 | 162,8 | 174 | 80+ | 4000 | 2,8 |
| Norte I LED1x31100 G113 T840 ALU L90x90 | 1953 | 114 | 80 | 31094 | 173,2 | 180 | 80+ | 4000 | 4,1 |
| Norte I LED1x36900 G114 T840 ALU L90x90 | 1953 | 114 | 80 | 36854 | 207,4 | 178 | 80+ | 4000 | 4,1 |
| Norte I LED1x42300 G115 T840 ALU L90x90 | 1953 | 114 | 80 | 42279 | 243,5 | 174 | 80+ | 4000 | 4,1 |
| Norte I LED1x10500 G103 T830 ALU L120 | 935 | 114 | 80 | 9921 | 58,7 | 169 | 80+ | 3000 | 1,5 |
| Norte I LED1x12350 G104 T830 ALU L120 | 935 | 114 | 80 | 11699 | 70,1 | 167 | 80+ | 3000 | 1,5 |
| Norte I LED1x14250 G105 T830 ALU L120 | 935 | 114 | 80 | 13490 | 82,5 | 164 | 80+ | 3000 | 1,5 |
| Norte I LED1x15650 G106 T830 ALU L120 | 1190 | 114 | 80 | 14881 | 87,1 | 171 | 80+ | 3000 | 2,2 |
| Norte I LED1x18550 G107 T830 ALU L120 | 1190 | 114 | 80 | 17548 | 104,0 | 169 | 80+ | 3000 | 2,2 |
| Norte I LED1x21250 G108 T830 ALU L120 | 1190 | 114 | 80 | 20236 | 122,4 | 165 | 80+ | 3000 | 2,2 |
| Norte I LED1x20900 G110 T830 ALU L120 | 1444 | 114 | 80 | 19740 | 114,6 | 172 | 80+ | 3000 | 2,8 |
| Norte I LED1x24700 G111 T830 ALU L120 | 1444 | 114 | 80 | 23397 | 137,2 | 171 | 80+ | 3000 | 2,8 |
| Norte I LED1x26450 G116 T830 ALU L120 | 1444 | 114 | 80 | 25107 | 149,6 | 168 | 80+ | 3000 | 2,8 |
| Norte I LED1x28350 G112 T830 ALU L120 | 1444 | 114 | 80 | 26842 | 162,8 | 165 | 80+ | 3000 | 2,8 |
| Norte I LED1x31100 G113 T830 ALU L120 | 1953 | 114 | 80 | 29457 | 173,2 | 170 | 80+ | 3000 | 4,1 |
| Norte I LED1x36900 G114 T830 ALU L120 | 1953 | 114 | 80 | 34914 | 207,4 | 168 | 80+ | 3000 | 4,1 |
| Norte I LED1x42300 G115 T830 ALU L120 | 1953 | 114 | 80 | 40054 | 243,5 | 164 | 80+ | 3000 | 4,1 |
| Norte I LED1x10500 G103 T840 ALU L120 | 935 | 114 | 80 | 10472 | 58,7 | 178 | 80+ | 4000 | 1,5 |
| Norte I LED1x12350 G104 T840 ALU L120 | 935 | 114 | 80 | 12348 | 70,1 | 176 | 80+ | 4000 | 1,5 |
| Norte I LED1x14250 G105 T840 ALU L120 | 935 | 114 | 80 | 14240 | 82,5 | 173 | 80+ | 4000 | 1,5 |
| Norte I LED1x15650 G106 T840 ALU L120 | 1190 | 114 | 80 | 15627 | 86,9 | 180 | 80+ | 4000 | 2,2 |
| Norte I LED1x18550 G107 T840 ALU L120 | 1190 | 114 | 80 | 18523 | 104,0 | 178 | 80+ | 4000 | 2,2 |
| Norte I LED1x21250 G108 T840 ALU L120 | 1190 | 114 | 80 | 21250 | 122,1 | 174 | 80+ | 4000 | 2,2 |
| Norte I LED1x20900 G110 T840 ALU L120 | 1444 | 114 | 80 | 20837 | 114,6 | 182 | 80+ | 4000 | 2,8 |
| Norte I LED1x24700 G111 T840 ALU L120 | 1444 | 114 | 80 | 24697 | 137,2 | 180 | 80+ | 4000 | 2,8 |
| Norte I LED1x26450 G116 T840 ALU L120 | 1444 | 114 | 80 | 26428 | 149,6 | 177 | 80+ | 4000 | 2,8 |
| Norte I LED1x28350 G112 T840 ALU L120 | 1444 | 114 | 80 | 28333 | 162,8 | 174 | 80+ | 4000 | 2,8 |
| Norte I LED1x31100 G113 T840 ALU L120 | 1953 | 114 | 80 | 31094 | 173,2 | 180 | 80+ | 4000 | 4,1 |
| Norte I LED1x36900 G114 T840 ALU L120 | 1953 | 114 | 80 | 36854 | 207,4 | 178 | 80+ | 4000 | 4,1 |
| Norte I LED1x42300 G115 T840 ALU L120 | 1953 | 114 | 80 | 42279 | 243,5 | 174 | 80+ | 4000 | 4,1 |
| Norte I LED1x10500 G103 T830 ALU L1A50 | 935 | 114 | 80 | 9608 | 58,7 | 164 | 80+ | 3000 | 1,5 |
| Norte I LED1x12350 G104 T830 ALU L1A50 | 935 | 114 | 80 | 11329 | 70,1 | 162 | 80+ | 3000 | 1,5 |
| Norte I LED1x14250 G105 T830 ALU L1A50 | 935 | 114 | 80 | 13064 | 82,5 | 158 | 80+ | 3000 | 1,5 |
| Norte I LED1x15650 G106 T830 ALU L1A50 | 1190 | 114 | 80 | 14411 | 87,1 | 165 | 80+ | 3000 | 2,2 |
| Norte I LED1x18550 G107 T830 ALU L1A50 | 1190 | 114 | 80 | 16994 | 104,0 | 163 | 80+ | 3000 | 2,2 |
| Norte I LED1x21250 G108 T830 ALU L1A50 | 1190 | 114 | 80 | 19597 | 122,4 | 160 | 80+ | 3000 | 2,2 |
| Norte I LED1x20900 G110 T830 ALU L1A50 | 1444 | 114 | 80 | 19117 | 114,6 | 167 | 80+ | 3000 | 2,8 |
| Norte I LED1x24700 G111 T830 ALU L1A50 | 1444 | 114 | 80 | 22658 | 137,2 | 165 | 80+ | 3000 | 2,8 |
| Norte I LED1x26450 G116 T830 ALU L1A50 | 1444 | 114 | 80 | 24314 | 149,6 | 163 | 80+ | 3000 | 2,8 |
| Norte I LED1x28350 G112 T830 ALU L1A50 | 1444 | 114 | 80 | 25994 | 162,8 | 160 | 80+ | 3000 | 2,8 |
| Norte I LED1x31100 G113 T830 ALU L1A50 | 1953 | 114 | 80 | 28527 | 173,2 | 165 | 80+ | 3000 | 4,1 |
| Norte I LED1x36900 G114 T830 ALU L1A50 | 1953 | 114 | 80 | 33812 | 207,4 | 163 | 80+ | 3000 | 4,1 |
| Norte I LED1x42300 G115 T830 ALU L1A50 | 1953 | 114 | 80 | 38789 | 243,5 | 159 | 80+ | 3000 | 4,1 |
| Norte I LED1x10500 G103 T840 ALU L1A50 | 935 | 114 | 80 | 10141 | 58,7 | 173 | 80+ | 4000 | 1,5 |
| Norte I LED1x12350 G104 T840 ALU L1A50 | 935 | 114 | 80 | 11958 | 70,1 | 171 | 80+ | 4000 | 1,5 |
| Norte I LED1x14250 G105 T840 ALU L1A50 | 935 | 114 | 80 | 13790 | 82,5 | 167 | 80+ | 4000 | 1,5 |
| Norte I LED1x15650 G106 T840 ALU L1A50 | 1190 | 114 | 80 | 15134 | 86,9 | 174 | 80+ | 4000 | 2,2 |
| Norte I LED1x18550 G107 T840 ALU L1A50 | 1190 | 114 | 80 | 17938 | 104,0 | 172 | 80+ | 4000 | 2,2 |
| Norte I LED1x21250 G108 T840 ALU L1A50 | 1190 | 114 | 80 | 20579 | 122,1 | 169 | 80+ | 4000 | 2,2 |
| Norte I LED1x20900 G110 T840 ALU L1A50 | 1444 | 114 | 80 | 20179 | 114,6 | 176 | 80+ | 4000 | 2,8 |
| Norte I LED1x24700 G111 T840 ALU L1A50 | 1444 | 114 | 80 | 23917 | 137,2 | 174 | 80+ | 4000 | 2,8 |
| Norte I LED1x26450 G116 T840 ALU L1A50 | 1444 | 114 | 80 | 25594 | 149,6 | 171 | 80+ | 4000 | 2,8 |
| Norte I LED1x28350 G112 T840 ALU L1A50 | 1444 | 114 | 80 | 27438 | 162,8 | 169 | 80+ | 4000 | 2,8 |
| Norte I LED1x31100 G113 T840 ALU L1A50 | 1953 | 114 | 80 | 30112 | 173,2 | 174 | 80+ | 4000 | 4,1 |
| Norte I LED1x36900 G114 T840 ALU L1A50 | 1953 | 114 | 80 | 35690 | 207,4 | 172 | 80+ | 4000 | 4,1 |
| Norte I LED1x42300 G115 T840 ALU L1A50 | 1953 | 114 | 80 | 40944 | 243,5 | 168 | 80+ | 4000 | 4,1 |
| *note - for accurate beam control please consider using adjustable brackets accessory | | | | | | | | | |
| Norte I LED1x10500 G103 T840 ALU L60 SPORT | 935 | 114 | 91 | 9480 | 58,7 | 161 | 80+ | 4000 | 1,9 |

| Product | Length, mm | Width, mm | Height, mm | Luminaire output*, lm | System power*, W | System efficacy, lm/W | CRI | CCT*, K | Weight, kg |
|---|------------|-----------|------------|-----------------------|------------------|-----------------------|-----|---------|------------|
| Norte I LED1x12350 G104 T840 ALU L60 SPORT | 935 | 114 | 91 | 11179 | 70,1 | 159 | 80+ | 4000 | 1,9 |
| Norte I LED1x14250 G105 T840 ALU L60 SPORT | 935 | 114 | 91 | 12891 | 82,5 | 156 | 80+ | 4000 | 1,9 |
| Norte I LED1x15650 G106 T840 ALU L60 SPORT | 1190 | 114 | 91 | 14147 | 86,9 | 163 | 80+ | 4000 | 2,6 |
| Norte I LED1x18550 G107 T840 ALU L60 SPORT | 1190 | 114 | 91 | 16768 | 104,0 | 161 | 80+ | 4000 | 2,6 |
| Norte I LED1x21250 G108 T840 ALU L60 SPORT | 1190 | 114 | 91 | 19237 | 122,1 | 158 | 80+ | 4000 | 2,6 |
| Norte I LED1x20900 G110 T840 ALU L60 SPORT | 1444 | 114 | 91 | 18863 | 114,6 | 165 | 80+ | 4000 | 3,3 |
| Norte I LED1x24700 G111 T840 ALU L60 SPORT | 1444 | 114 | 91 | 22357 | 137,2 | 163 | 80+ | 4000 | 3,3 |
| Norte I LED1x26450 G116 T840 ALU L60 SPORT | 1444 | 114 | 91 | 23925 | 149,6 | 160 | 80+ | 4000 | 3,3 |
| Norte I LED1x28350 G112 T840 ALU L60 SPORT | 1444 | 114 | 91 | 25649 | 162,8 | 158 | 80+ | 4000 | 3,3 |
| Norte I LED1x31100 G113 T840 ALU L60 SPORT | 1953 | 114 | 91 | 28148 | 173,2 | 163 | 80+ | 4000 | 4,6 |
| Norte I LED1x36900 G114 T840 ALU L60 SPORT | 1953 | 114 | 91 | 33363 | 207,4 | 161 | 80+ | 4000 | 4,6 |
| Norte I LED1x42300 G115 T840 ALU L60 SPORT | 1953 | 114 | 91 | 38273 | 243,5 | 157 | 80+ | 4000 | 4,6 |
| Norte I LED1x10500 G103 T840 ALU L75 SPORT | 935 | 114 | 91 | 9039 | 58,7 | 154 | 80+ | 4000 | 1,5 |
| Norte I LED1x12350 G104 T840 ALU L75 SPORT | 935 | 114 | 91 | 10659 | 70,1 | 152 | 80+ | 4000 | 1,5 |
| Norte I LED1x14250 G105 T840 ALU L75 SPORT | 935 | 114 | 91 | 12291 | 82,5 | 149 | 80+ | 4000 | 1,5 |
| Norte I LED1x15650 G106 T840 ALU L75 SPORT | 1190 | 114 | 91 | 13489 | 86,9 | 155 | 80+ | 4000 | 2,2 |
| Norte I LED1x18550 G107 T840 ALU L75 SPORT | 1190 | 114 | 91 | 15988 | 104,0 | 154 | 80+ | 4000 | 2,2 |
| Norte I LED1x21250 G108 T840 ALU L75 SPORT | 1190 | 114 | 91 | 18342 | 122,1 | 150 | 80+ | 4000 | 2,2 |
| Norte I LED1x20900 G110 T840 ALU L75 SPORT | 1444 | 114 | 91 | 17985 | 114,6 | 157 | 80+ | 4000 | 2,8 |
| Norte I LED1x24700 G111 T840 ALU L75 SPORT | 1444 | 114 | 91 | 21317 | 137,2 | 155 | 80+ | 4000 | 2,8 |
| Norte I LED1x26450 G116 T840 ALU L75 SPORT | 1444 | 114 | 91 | 22812 | 149,6 | 152 | 80+ | 4000 | 2,8 |
| Norte I LED1x28350 G112 T840 ALU L75 SPORT | 1444 | 114 | 91 | 24456 | 162,8 | 150 | 80+ | 4000 | 2,8 |
| Norte I LED1x31100 G113 T840 ALU L75 SPORT | 1953 | 114 | 91 | 26839 | 173,2 | 155 | 80+ | 4000 | 4,1 |
| Norte I LED1x36900 G114 T840 ALU L75 SPORT | 1953 | 114 | 91 | 31811 | 207,4 | 153 | 80+ | 4000 | 4,1 |
| Norte I LED1x42300 G115 T840 ALU L75 SPORT | 1953 | 114 | 91 | 36493 | 243,5 | 150 | 80+ | 4000 | 4,1 |
| Norte I LED1x10500 G103 T840 ALU L90x90 SPORT | 935 | 114 | 91 | 9480 | 58,7 | 161 | 80+ | 4000 | 1,9 |
| Norte I LED1x12350 G104 T840 ALU L90x90 SPORT | 935 | 114 | 91 | 11179 | 70,1 | 159 | 80+ | 4000 | 1,9 |
| Norte I LED1x14250 G105 T840 ALU L90x90 SPORT | 935 | 114 | 91 | 12891 | 82,5 | 156 | 80+ | 4000 | 1,9 |
| Norte I LED1x15650 G106 T840 ALU L90x90 SPORT | 1190 | 114 | 91 | 14147 | 86,9 | 163 | 80+ | 4000 | 2,6 |
| Norte I LED1x18550 G107 T840 ALU L90x90 SPORT | 1190 | 114 | 91 | 16768 | 104,0 | 161 | 80+ | 4000 | 2,6 |
| Norte I LED1x21250 G108 T840 ALU L90x90 SPORT | 1190 | 114 | 91 | 19237 | 122,1 | 158 | 80+ | 4000 | 2,6 |
| Norte I LED1x20850 G110 T840 ALU L90x90 SPORT | 1444 | 114 | 91 | 18863 | 114,6 | 165 | 80+ | 4000 | 3,3 |
| Norte I LED1x24700 G111 T840 ALU L90x90 SPORT | 1444 | 114 | 91 | 22357 | 137,2 | 163 | 80+ | 4000 | 3,3 |
| Norte I LED1x26450 G116 T840 ALU L90x90 SPORT | 1444 | 114 | 91 | 23925 | 149,6 | 160 | 80+ | 4000 | 3,3 |
| Norte I LED1x28350 G112 T840 ALU L90x90 SPORT | 1444 | 114 | 91 | 25649 | 162,8 | 158 | 80+ | 4000 | 3,3 |
| Norte I LED1x31100 G113 T840 ALU L90x90 SPORT | 1953 | 114 | 91 | 28148 | 173,2 | 163 | 80+ | 4000 | 4,6 |
| Norte I LED1x36900 G114 T840 ALU L90x90 SPORT | 1953 | 114 | 91 | 33363 | 207,4 | 161 | 80+ | 4000 | 4,6 |
| Norte I LED1x42300 G115 T840 ALU L90x90 SPORT | 1953 | 114 | 91 | 38273 | 243,5 | 157 | 80+ | 4000 | 4,6 |
| Norte I LED1x10500 G103 T840 ALU L120 SPORT | 935 | 114 | 91 | 9480 | 58,7 | 161 | 80+ | 4000 | 1,9 |
| Norte I LED1x12350 G104 T840 ALU L120 SPORT | 935 | 114 | 91 | 11179 | 70,1 | 159 | 80+ | 4000 | 1,9 |
| Norte I LED1x14250 G105 T840 ALU L120 SPORT | 935 | 114 | 91 | 12891 | 82,5 | 156 | 80+ | 4000 | 1,9 |
| Norte I LED1x15650 G106 T840 ALU L120 SPORT | 1190 | 114 | 91 | 14147 | 86,9 | 163 | 80+ | 4000 | 2,6 |
| Norte I LED1x18550 G107 T840 ALU L120 SPORT | 1190 | 114 | 91 | 16768 | 104,0 | 161 | 80+ | 4000 | 2,6 |
| Norte I LED1x21250 G108 T840 ALU L120 SPORT | 1190 | 114 | 91 | 19237 | 122,1 | 158 | 80+ | 4000 | 2,6 |
| Norte I LED1x20900 G110 T840 ALU L120 SPORT | 1444 | 114 | 91 | 18863 | 114,6 | 165 | 80+ | 4000 | 3,3 |
| Norte I LED1x24700 G111 T840 ALU L120 SPORT | 1444 | 114 | 91 | 22357 | 137,2 | 163 | 80+ | 4000 | 3,3 |
| Norte I LED1x26450 G116 T840 ALU L120 SPORT | 1444 | 114 | 91 | 23925 | 149,6 | 160 | 80+ | 4000 | 3,3 |
| Norte I LED1x28350 G112 T840 ALU L120 SPORT | 1444 | 114 | 91 | 25649 | 162,8 | 158 | 80+ | 4000 | 3,3 |
| Norte I LED1x31100 G113 T840 ALU L120 SPORT | 1953 | 114 | 91 | 28148 | 173,2 | 163 | 80+ | 4000 | 4,6 |
| Norte I LED1x36900 G114 T840 ALU L120 SPORT | 1953 | 114 | 91 | 33363 | 207,4 | 161 | 80+ | 4000 | 4,6 |
| Norte I LED1x42300 G115 T840 ALU L120 SPORT | 1953 | 114 | 91 | 38273 | 243,5 | 157 | 80+ | 4000 | 4,6 |
| Norte I LED1x10500 G103 T840 ALU L1A50 SPORT | 935 | 114 | 91 | 9149 | 58,7 | 156 | 80+ | 4000 | 1,5 |
| Norte I LED1x12350 G104 T840 ALU L1A50 SPORT | 935 | 114 | 91 | 10789 | 70,1 | 154 | 80+ | 4000 | 1,5 |
| Norte I LED1x14250 G105 T840 ALU L1A50 SPORT | 935 | 114 | 91 | 12441 | 82,5 | 151 | 80+ | 4000 | 1,5 |
| Norte I LED1x15650 G106 T840 ALU L1A50 SPORT | 1190 | 114 | 91 | 13653 | 86,9 | 157 | 80+ | 4000 | 2,2 |
| Norte I LED1x18550 G107 T840 ALU L1A50 SPORT | 1190 | 114 | 91 | 16183 | 104,0 | 156 | 80+ | 4000 | 2,2 |
| Norte I LED1x21250 G108 T840 ALU L1A50 SPORT | 1190 | 114 | 91 | 18565 | 122,1 | 152 | 80+ | 4000 | 2,2 |
| Norte I LED1x20900 G110 T840 ALU L1A50 SPORT | 1444 | 114 | 91 | 18205 | 114,6 | 159 | 80+ | 4000 | 2,8 |
| Norte I LED1x24700 G111 T840 ALU L1A50 SPORT | 1444 | 114 | 91 | 21577 | 137,2 | 157 | 80+ | 4000 | 2,8 |
| Norte I LED1x26450 G116 T840 ALU L1A50 SPORT | 1444 | 114 | 91 | 23090 | 149,6 | 154 | 80+ | 4000 | 2,8 |
| Norte I LED1x28350 G112 T840 ALU L1A50 SPORT | 1444 | 114 | 91 | 24754 | 162,8 | 152 | 80+ | 4000 | 2,8 |
| Norte I LED1x31100 G113 T840 ALU L1A50 SPORT | 1953 | 114 | 91 | 27166 | 173,2 | 157 | 80+ | 4000 | 4,1 |
| Norte I LED1x36900 G114 T840 ALU L1A50 SPORT | 1953 | 114 | 91 | 32199 | 207,4 | 155 | 80+ | 4000 | 4,1 |
| Norte I LED1x42300 G115 T840 ALU L1A50 SPORT | 1953 | 114 | 91 | 36938 | 243,5 | 152 | 80+ | 4000 | 4,1 |

*note - for accurate beam control please consider using adjustable brackets accessory

*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:

| | |
|--------|--|
| T830 | Colour temperature 3000K, CRI 80+ |
| T840 | Colour temperature 4000K, CRI 80+ |
| T857 | Colour temperature 5700K, CRI 80+ |
| T865 | Colour temperature 6500K, CRI 80+ |
| L30x65 | Optics with 30x65 beam angle |
| L40 | Optics with 40x40 beam angle |
| L60 | Optics with 60x60 beam angle |
| L75 | Optics with 75x75 beam angle |
| L90x90 | Optics with 90x90 beam angle |
| L120 | Optics with 120x120 beam angle |
| L1A50 | Optics with asymmetric beam |
| SPORT | Luminaire equipped with white painted protection grid suitable for sport halls |

DALI Driver with DALI interface and switch-control dimming
**note - for models with power above 155W two DALI addresses are used*
 HBEAIRB-M Master luminaire with integrated smart sensor for high ceiling (up to 16m) and driver with wireless communication and grouping possibilities for lighting control

HBEAIRB-S Slave luminaire with integrated EAIR type driver for lighting control

**note - max system size 1x HBEAIRB-M + 1x HBEAIRB-S.
 note - the impact protection rating of the HBEAIRB-M option is IK05, except when the SPORT option is used.

**note - max wire length from HBEAIRB-M to last HBEAIRB-S - 11m.*

COR Driver with Corridor function (never off)
 COR1min Driver with Corridor function 1min (switch off after 1 min.)

COR30min Driver with Corridor function 30min (switch off after 30 min.)

HBPIR7m-M Master luminaire with Integrated PIR and LUX level sensing sensor for high ceiling (up to 7 meters) with on-off control, possibility to connect and control other (slave) luminaires (parameters according to datasheet)

**note - max switching load up to 2A*

HBPIR12m-M Master luminaire with Integrated PIR sensor for high ceiling (up to 12 meters), on-off control, possibility to connect and control other (slave) luminaires (parameters according to datasheet)

**note - max switching load up to 4A*

**note - Luminaire with integrated HBPIR12m sensor protection degree is IP54*

HBPIR15m-M Master luminaire with Integrated PIR and LUX level sensing sensor for high ceiling (up to 15 meters) with on-off control, possibility to connect and control other (slave) luminaires (parameters according to datasheet)

**note - max switching load up to 2A*

**note - the impact protection rating of the HBPIR15m-M option is IK05, except when the SPORT option is used.*

DALI HBPIRD15m-M DALI master luminaire with Integrated driver and sensor for high ceilings (up to 15 meters), with possibility to control DALI (slave) luminaires (parameters according to datasheet)

**note - max. 15 DALI slaves*

**note - the impact protection rating of the DALI HBPIRD15m-M option is IK05, except when the SPORT option is used.*

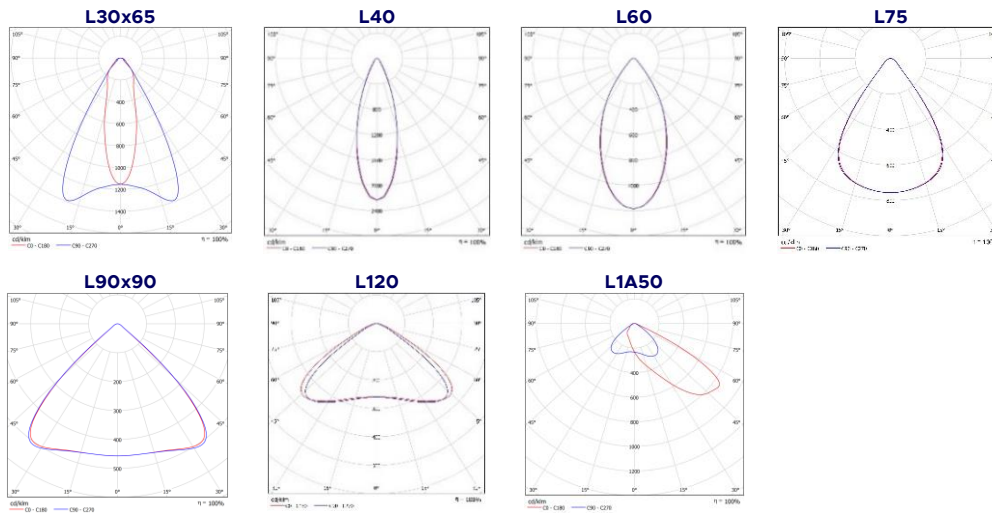
EM3 Emergency version 3 hours

EM3B Emergency version 3 hours (best available technology)

EM3A Emergency version equipped with an autonomous testing system, 3 hours

EM3D Emergency version 3 hours with DALI interface

**note - Operating temperature range for Luminaires with EM option, C: ta 0...+35*



Available accessories:



Product: Suspension MTG KIT - Norte I LED 1.5m
 Description: Suspension kit for Norte I LED high-bay, 1,5 meter

Product: Suspension MTG KIT - Norte I LED 3.0m
 Description: Suspension kit for Norte I LED high-bay, 3,0 meter

Product: Suspension MTG KIT - Norte I LED 5.0m
 Description: Suspension kit for Norte I LED high-bay, 5,0 meter



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



GRID MTG KIT Norte I LED - 980x114mm RAL9003
 Protective grid for Norte I LED luminaires up to size 980x114mm, white

GRID MTG KIT Norte I LED - 1235x114mm RAL9003
 Protective grid for Norte I LED luminaires up to size 1235x114mm, white

GRID MTG KIT Norte I LED - 1490x114mm RAL9003
 Protective grid for Norte I LED luminaires up to size 1490x114mm, white

GRID MTG KIT Norte I LED - 1998x114mm RAL9003
 Protective grid for Norte I LED luminaires up to size 1998x114mm, white



Product: Adjustable brackets MTG KIT - Norte I LED
 Description: Ceiling and wall mounting brackets for Norte I LED with angle adjustment +/-75 degrees (every 15), galvanized steel, 2pcs



Product: Remote Control HRC-11
 Description: Integrated smart sensor for high ceiling (up to 16m) with wireless communication and grouping possibilities for lighting control

**note - remote control for HBPIR15m-M*

Applications:

