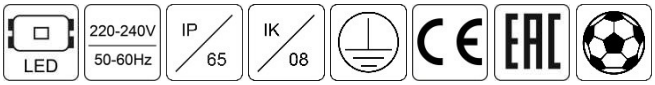
NORTE L LED

Product Group: High-bays





Images for the product family and options:





Description:	An industrial LED high-bay luminaire with a modern construction and high impact resistance Optics: 40°, 60°, 90°, 30x70° light beam, silicone rubber sealing, impact resistance Body: aluminium, white finish
General data:	Mains voltage: 220-240V, 0/50-60Hz Power factor: >0,95 Light source: LED Light source included: Yes Light distribution type: Direct LED lifetime, h: 75000/L80B50 (100000/L80B50 low power versions) Operating temperature range, °C: ta -20…+35 (ta 0…+35 with EM3 option) Protection class IEC: I Ingress protection code: IP65 Mechanical impact resistance: IK08 (IK10 with protection grid) EEC: A++
Installation:	Surface luminaire designed to be fixed to ceiling of any type or suspended. Push-in terminal, 3x2x2.5mm2
Environment:	Indoor
Application:	Industry, warehouse, hall, sports, transport terminal



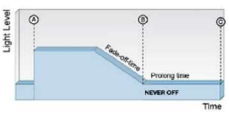
A white protection grid accessory GRID MTG KIT Norte L LED can be used to increase impact resistance of the luminaire to IK10. This version is designed for sports halls, gyms and other spaces where light fittings are in danger of being hit by a ball. For more information see the accessory list



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 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. Advatages: 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 L LED1x6650 D574 T830 ALU L90	468	340	80	6277	41,6	151	80+	3000	2,80
Norte L LED1x7550 D575 T830 ALU L90	468	340	80	7123	48,0	148	80+	3000	2,80
Norte L LED1x9300 D576 T830 ALU L90	468	340	80	8783	60,9	144	80+	3000	2,80
Norte L LED1x11000 D577 T830 ALU L90	468	340	80	10405	72,5	144	80+	3000	2,80
Norte L LED1x12700 D578 T830 ALU L90	468	340	80	11996	85,4	141	80+	3000	2,80
Norte L LED1x15100 D579 T830 ALU L90	675	340	80	14246	93,9	152	80+	3000	4,30
Norte L LED1x18600 D580 T830 ALU L90	675	340	80	17566	119,3	147	80+	3000	4,30
Norte L LED1x22000 D581 T830 ALU L90	675	340	80	20810	145,0	144	80+	3000	4,30
Norte L LED1x25400 D582 T830 ALU L90	675	340	80	23992	170,7	141	80+	3000	4,30
Norte L LED1x27900 D583 T830 ALU L90	975	340	80	26349	178,9	147	80+	3000	6,50
Norte L LED1x33000 D584 T830 ALU L90	975	340	80	31215	217,5	144	80+	3000	6,50
Norte L LED1x38050 D585 T830 ALU L90	975	340	80	35987	256,1	141	80+	3000	6,50
Norte L LED1x6650 D574 T840 ALU L90	468	340	80	6636	41,6	159	80+	4000	2,80
Norte L LED1x7550 D575 T840 ALU L90	468	340	80	7530	48,0	157	80+	4000	2,80
Norte L LED1x9300 D576 T840 ALU L90	468	340	80	9285	60,9	152	80+	4000	2,80
Norte L LED1x11000 D577 T840 ALU L90	468	340	80	11000	72,5	152	80+	4000	2,80
Norte L LED1x12700 D578 T840 ALU L90	468	340	80	12681	85,4	149	80+	4000	2,80
Norte L LED1x15100 D579 T840 ALU L90	675	340	80	15061	93,9	160	80+	4000	4,30
Norte L LED1x18600 D580 T840 ALU L90	675	340	80	18570	119,3	156	80+	4000	4,30
Norte L LED1x22000 D581 T840 ALU L90	675	340	80	21999	145,0	152	80+	4000	4,30
Norte L LED1x25400 D582 T840 ALU L90	675	340	80	25363	170,7	149	80+	4000	4,30
Norte L LED1x27900 D583 T840 ALU L90	975	340	80	27854	178,9	156	80+	4000	6,50
Norte L LED1x33000 D584 T840 ALU L90	975	340	80	32999	217,5	152	80+	4000	6,50
Norte L LED1x38050 D585 T840 ALU L90	975	340	80	38044	256,1	149	80+	4000	6,50
Norte L LED1x6650 D574 T830 ALU L30x70	468	340	80	6349	41,6	153	80+	3000	2,80
Norte L LED1x7550 D575 T830 ALU L30x70	468	340	80	7204	48,0	150	80+	3000	2,80
Norte L LED1x9300 D576 T830 ALU L30x70	468	340	80	8883	60,9	146	80+	3000	2,80
Norte L LED1x11000 D577 T830 ALU L30x70	468	340	80	10523	72,5	145	80+	3000	2,80
Norte L LED1x12700 D578 T830 ALU L30x70	468	340	80	12132	85,4	142	80+	3000	2,80
Norte L LED1x15100 D579 T830 ALU L30x70	675	340	80	14408	93,9	153	80+	3000	4,30
Norte L LED1x18600 D580 T830 ALU L30x70	675	340	80	17766	119,3	149	80+	3000	4,30
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Norte L LED1x27900 D583 T830 ALU L30x70	975	340	80	26648	178,9	149	80+	3000	6,50
Norte L LED1x33000 D584 T830 ALU L30x70	975	340	80	31570	217,5	145	80+	3000	6,50
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Norte L LED1x11000 D577 T840 ALU L30x70	468	340	80	11125	72,5	153	80+	4000	2,80
Norte L LED1x12700 D578 T840 ALU L30x70	468	340	80	12825	85,4	150	80+	4000	2,80
Norte L LED1x15100 D579 T840 ALU L30x70	675	340	80	15232	93,9	162	80+	4000	4,30
Norte L LED1x18600 D580 T840 ALU L30x70	675	340	80	18781	119,3	157	80+	4000	4,30
Norte L LED1x22000 D581 T840 ALU L30x70	675	340	80	22249	145,0	153	80+	4000	4,30
Norte L LED1x25400 D582 T840 ALU L30x70	675	340	80	25651	170,7	150	80+	4000	4,30
Norte L LED1x27900 D583 T840 ALU L30x70	975	340	80	28171	178,9	157	80+	4000	6,50
Norte L LED1x33000 D584 T840 ALU L30x70	975	340	80	33374	217,5	153	80+	4000	6,50
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Norte L LED1x12700 D578 T830 ALU L120	435	343	78	12814	81,3	158	80+	3000	2,80
Norte L LED1x15100 D579 T830 ALU L120	645	343	78	15218	89,5	170	80+	3000	4,30
Norte L LED1x18600 D580 T830 ALU L120	645	343	78	18764	113,6	165	80+	3000	4,30
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Norte L LED1x33000 D584 T830 ALU L120	945	343	78	33343	207,2	161	80+	3000	6,50
Norte L LED1x38050 D585 T830 ALU L120	945	343	78	38441	244,0	158	80+	3000	6,50
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Norte L LED1x12700 D578 T840 ALU L120	435	343	78	13546	81,3	167	80+	4000	2,80
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Norte L LED1x18600 D580 T840 ALU L120	645	343	78	19836	113,6	175	80+	4000	4,30
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Norte L LED1x15100 D579 T830 ALU L60	675	340	80	15056	93,9	160	80+	3000	4,30
Norte L LED1x18600 D580 T830 ALU L60	675	340	80	18564	119,3	156	80+	3000	4,30
Norte L LED1x22000 D581 T830 ALU L60	675	340	80	21992	145,0	152	80+	3000	4,30
Norte L LED1x25400 D582 T830 ALU L60	675	340	80	25355	170,7	149	80+	3000	4,30
Norte L LED1x27900 D583 T830 ALU L60	975	340	80	27846	178,9	156	80+	3000	6,50
Norte L LED1x33000 D584 T830 ALU L60	975	340	80	32989	217,5	152	80+	3000	6,50
Norte L LED1x38050 D585 T830 ALU L60	975	340	80	38032	256,1	149	80+	3000	6,50
Norte L LED1x6650 D574 T840 ALU L60	468	340	80	7013	41,6	169	80+	4000	2,80
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Norte L LED1x11000 D577 T840 ALU L60	468	340	80	11625	72,5	160	80+	4000	2,80
Norte L LED1x12700 D578 T840 ALU L60	468	340	80	13402	85,4	157	80+	4000	2,80
Norte L LED1x15100 D579 T840 ALU L60	675	340	80	15916	93,9	169	80+	4000	4,30
Norte L LED1x18600 D580 T840 ALU L60	675	340	80	19625	119,3	165	80+	4000	4,30
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Norte L LED1x25400 D582 T840 ALU L60	675	340	80	26804	170,7	157	80+	4000	4,30
Norte L LED1x27900 D583 T840 ALU L60	975	340	80	29437	178,9	165	80+	4000	6,50
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Norte L LED1x11000 D577 T830 ALU L40	468	340	80	10760	72,5	148	80+	3000	2,80
Norte L LED1x12700 D578 T830 ALU L40	468	340	80	12405	85,4	145	80+	3000	2,80
Norte L LED1x15100 D579 T830 ALU L40	675	340	80	14732	93,9	157	80+	3000	4,30
Norte L LED1x18600 D580 T830 ALU L40	675	340	80	18165	119,3	152	80+	3000	4,30
Norte L LED1x22000 D581 T830 ALU L40	675	340	80	21519	145,0	148	80+	3000	4,30
Norte L LED1x25400 D582 T830 ALU L40	675	340	80	24809	170,7	145	80+	3000	4,30
Norte L LED1x27900 D583 T830 ALU L40	975	340	80	27247	178,9	152	80+	3000	6,50
Norte L LED1x33000 D584 T830 ALU L40	975	340	80	32279	217,5	148	80+	3000	6,50
Norte L LED1x38050 D585 T830 ALU L40	975	340	80	37214	256,1	145	80+	3000	6,50
Norte L LED1x6650 D574 T840 ALU L40	468	340	80	6862	41,6	165	80+	4000	2,80
Norte L LED1x7550 D575 T840 ALU L40	468	340	80	7787	48,0	162	80+	4000	2,80
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Norte L LED1x15100 D579 T840 ALU L40	675	340	80	15574	93,9	166	80+	4000	4,30
Norte L LED1x18600 D580 T840 ALU L40	675	340	80	19203	119,3	161	80+	4000	4,30
Norte L LED1x22000 D581 T840 ALU L40	675	340	80	22749	145,0	157	80+	4000	4,30
Norte L LED1x25400 D582 T840 ALU L40	675	340	80	26227	170,7	154	80+	4000	4,30
Norte L LED1x27900 D583 T840 ALU L40	975	340	80	28804	178,9	161	80+	4000	6,50
Norte L LED1x33000 D584 T840 ALU L40	975	340	80	34124	217,5	157	80+	4000	6,50
Norte L LED1x38050 D585 T840 ALU L40	975	340	80	39341	256,1	154	80+	4000	6,50

** tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C*

Available options:

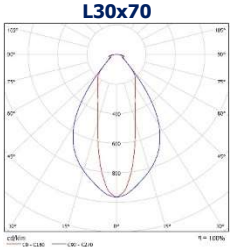
SDIM	Driver with switch-control dimming
DALI	Driver with DALI interface
HBEAIR	Integrated smart sensor for high ceiling (up to 16m) and driver with wireless communication and grouping possibilities for lighting control
COR	Driver with Corridor function (never off)
COR1min	Driver with Corridor function 1min (switch off after 1 min.)
COR30min	Driver with Corridor function 30min (switch off after 30 min.)
HBPIR7m	Integrated PIR sensor for high ceiling (up to 7 meters) with on-off control
HBPIR12m	Integrated PIR sensor for high ceiling (up to 12 meters) with on-off control
**note - Luminaire with integrated HBPIR12m sensor protection degree is IP54*	
HBPIR15m	Integrated PIR sensor for high ceiling (up to 15 meters) with on-off control
EMG	Emergency version 1 hour
EMGB	Emergency version 1 hour (best available technology)
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
1G	Strain relief for power supply cable
L30x70	Optics with 30x70° beam angle
L40	Optics with 40x40° beam angle
L60	Optics with 60x60° beam angle
L90	Optics with 90x90° beam angle
L120	Optics with 120x120° beam angle
T830	Colour temperature 3000K, CRI 80+
T840	Colour temperature 4000K, CRI 80+

Available accessories:

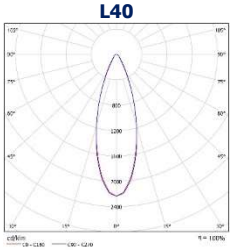


Product: GRID MTG KIT Norte L LED - 468x340mm RAL9003
Description: Protective gride for Norte L LED luminaires up to size 468x340, white
Product: GRID MTG KIT Norte L LED - 675x340mm RAL9003
Description: Protective gride for Norte L LED luminaires up to size 675x340, white
Product: GRID MTG KIT Norte L LED - 975x340mm RAL9003
Description: Protective gride for Norte L LED luminaires up to size 975x340, white

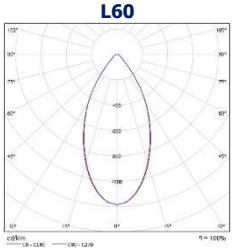
L30x70



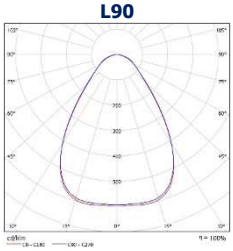
L40



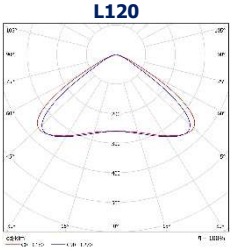
L60



L90



L120



Applications:

