

Description

The MGNOR-L is an industrial LED high bay with a modern construction and high impact resistance.

Environment

Indoor

Installation

Designed to be surface mounted or suspended

Application

Suitable for warehouses, sports halls, exhibition halls and other similar applications



5YR

Warranty

IP65

Protection

75,000hrs

Lifetime

IK08

Toughness

General Data

Voltage	AC220-240V 50-60Hz
Power Factor	>0.95
Light Source	LED
LED Lifetime	75,000hrs/ L80B50 (100,000hrs/L80B50 for low power versions)
Operating temperature	-20°C to +35°C (0°C to +35°C for emergency versions)
Materials	Aluminium body, white finish
Installation	Designed to be surface mounted or suspended

Light Data

Lumens per Watt	141-180lm/W
-Light Source	LED
CRI	80
Optics	40°, 60°, 90°, 30°x70° options

Product Variants

Product Code	System Power (W)	System efficacy (lm/W)	Lumens (lm)	CCT (K)	Length mm	Width mm	Height mm	Weight kg
MGNOR L LED1X6650 D574 T830 ALU L90	41.6	151	6277	3000	468	340	80	2.8
MGNOR L LED1X7550 D575 T830 ALU L90	48	148	7123	3000	468	340	80	2.8
MGNOR L LED1X9300 D576 T830 ALU L90	60.9	144	8783	3000	468	340	80	2.8
MGNOR L LED1X11000 D577 T830 ALU L90	71.5	144	10405	3000	468	340	80	2.8
MGNOR L LED1X12700 D578 T830 ALU L90	85.4	141	11996	3000	468	340	80	2.8
MGNOR L LED1X15100 D579 T830 ALU L90	93.9	152	14246	3000	675	340	80	4.3
MGNOR L LED1X18600 D580 T830 ALU L90	119.3	147	17566	3000	675	340	80	4.3
MGNOR L LED1X22000 D581 T830 ALU L90	145	144	20810	3000	675	340	80	4.3
MGNOR L LED1X25400 D582 T830 ALU L90	170.7	141	23992	3000	675	340	80	4.3
MGNOR L LED1X27900 D583 T830 ALU L90	178.9	147	26349	3000	975	340	80	6.5
MGNOR L LED1X33000 D584 T830 ALU L90	217.5	144	31215	3000	975	340	80	6.5
MGNOR L LED1X38050 D585 T830 ALU L90	256.1	141	35987	3000	975	340	80	6.5
MGNOR L LED1X6650 D574 T840 ALU L90	41.6	159	6636	4000	468	340	80	2.8
MGNOR L LED1X7550 D575 T840 ALU L90	48	157	7530	4000	468	340	80	2.8
MGNOR L LED1X9300 D576 T840 ALU L90	60.9	152	9285	4000	468	340	80	2.8
MGNOR L LED1X11000 D577 T840 ALU L90	71.5	152	11000	4000	468	340	80	2.8
MGNOR L LED1X12700 D578 T840 ALU L90	85.4	149	12681	4000	675	340	80	4.3
MGNOR L LED1X15100 D579 T840 ALU L90	93.9	160	15061	4000	675	340	80	4.3
MGNOR L LED1X18600 D580 T840 ALU L90	119.3	156	18570	4000	675	340	80	4.3
MGNOR L LED1X22000 D581 T840 ALU L90	145	152	21999	4000	675	340	80	4.3
MGNOR L LED1X25400 D582 T840 ALU L90	170.7	149	25363	4000	975	340	80	6.5
MGNOR L LED1X27900 D583 T840 ALU L90	178.9	156	27854	4000	975	340	80	6.5
MGNOR L LED1X33000 D584 T840 ALU L90	217.5	152	32999	4000	975	340	80	6.5
MGNOR L LED1X38050 D585 T840 ALU L90	256.1	149	38044	4000	468	340	80	2.8

MG Lites, 4 Denaby Lane Industrial Estate, Coalpit Road, Denaby, Doncaster, South Yorkshire, DN12 4LH

Product Variants

Product Code	System Power (W)	System efficacy (lm/W)	Lumens (lm)	CCT (K)	Length mm	Width mm	Height mm	Weight kg
MGNOR L LED1X6650 D574 T830 ALU L30X70	41.6	153	6349	3000	468	340	80	2.8
MGNOR L LED1X7550 D575 T830 ALU L30X70	48	150	7204	3000	468	340	80	2.8
MGNOR L LED1X9300 D576 T830 ALU L30X70	60.9	146	8883	3000	468	340	80	2.8
MGNOR L LED1X11000 D577 T830 ALU L30X70	71.5	145	15023	3000	468	340	80	2.8
MGNOR L LED1X12700 D578 T830 ALU L30X70	85.4	142	12132	3000	468	340	80	2.8
MGNOR L LED1X15100 D579 T830 ALU L30X70	93.9	153	14408	3000	675	340	80	4.3
MGNOR L LED1X18600 D580 T830 ALU L30X70	119.3	149	17766	3000	675	340	80	4.3
MGNOR L LED1X22000 D581 T830 ALU L30X70	145	145	21047	3000	675	340	80	4.3
MGNOR L LED1X25400 D582 T830 ALU L30X70	170.7	142	24264	3000	675	340	80	4.3
MGNOR L LED1X27900 D583 T830 ALU L30X70	178.9	149	26648	3000	975	340	80	6.5
MGNOR L LED1X33000 D584 T830 ALU L30X70	217.5	145	31570	3000	975	340	80	6.5
MGNOR L LED1X38050 D585 T830 ALU L30X70	256.1	142	36396	3000	975	340	80	6.5
MGNOR L LED1X6650 D574 T840 ALU L30X70	41.6	161	6711	4000	468	340	80	2.8
MGNOR L LED1X7550 D575 T840 ALU L30X70	48	159	7616	4000	468	340	80	2.8
MGNOR L LED1X9300 D576 T840 ALU L30X70	60.9	154	9390	4000	468	340	80	2.8
MGNOR L LED1X11000 D577 T840 ALU L30X70	71.5	153	11125	4000	468	340	80	2.8
MGNOR L LED1X12700 D578 T840 ALU L30X70	85.4	150	12825	4000	675	340	80	4.3
MGNOR L LED1X15100 D579 T840 ALU L30X70	93.9	162	15232	4000	675	340	80	4.3
MGNOR L LED1X18600 D580 T840 ALU L30X70	119.3	157	18781	4000	675	340	80	4.3
MGNOR L LED1X22000 D581 T840 ALU L30X70	145	153	22249	4000	675	340	80	4.3
MGNOR L LED1X25400 D582 T840 ALU L30X70	170.7	150	25651	4000	975	340	80	6.5
MGNOR L LED1X27900 D583 T840 ALU L30X70	178.9	157	28171	4000	975	340	80	6.5
MGNOR L LED1X33000 D584 T840 ALU L30X70	217.5	153	33374	4000	975	340	80	6.5
MGNOR L LED1X38050 D585 T840 ALU L30X70	256.1	150	38476	4000	468	340	80	2.8

Product Variants

Product Code	System Power (W)	System efficacy (lm/W)	Lumens (lm)	CCT (K)	Length mm	Width mm	Height mm	Weight kg
MGNOR L LED1X6650 D574 T830 ALU L120	41.6	169	6705	3000	468	340	80	2.8
MGNOR L LED1X7550 D575 T830 ALU L120	48	167	7609	3000	468	340	80	2.8
MGNOR L LED1X9300 D576 T830 ALU L120	60.9	162	9382	3000	468	340	80	2.8
MGNOR L LED1X11000 D577 T830 ALU L120	71.5	161	11114	3000	468	340	80	2.8
MGNOR L LED1X12700 D578 T830 ALU L120	85.4	158	12814	3000	468	340	80	2.8
MGNOR L LED1X15100 D579 T830 ALU L120	93.9	170	15218	3000	675	340	80	4.3
MGNOR L LED1X18600 D580 T830 ALU L120	119.3	165	18764	3000	675	340	80	4.3
MGNOR L LED1X22000 D581 T830 ALU L120	145	161	22229	3000	675	340	80	4.3
MGNOR L LED1X25400 D582 T830 ALU L120	170.7	158	25627	3000	675	340	80	4.3
MGNOR L LED1X27900 D583 T830 ALU L120	178.9	165	28145	3000	975	340	80	6.5
MGNOR L LED1X33000 D584 T830 ALU L120	217.5	161	33343	3000	975	340	80	6.5
MGNOR L LED1X38050 D585 T830 ALU L120	256.1	158	38441	3000	975	340	80	6.5
MGNOR L LED1X6650 D574 T840 ALU L120	41.6	179	7088	4000	468	340	80	2.8
MGNOR L LED1X7550 D575 T840 ALU L120	48	176	8044	4000	468	340	80	2.8
MGNOR L LED1X9300 D576 T840 ALU L120	60.9	171	9918	4000	468	340	80	2.8
MGNOR L LED1X11000 D577 T840 ALU L120	71.5	170	11750	4000	468	340	80	2.8
MGNOR L LED1X12700 D578 T840 ALU L120	85.4	167	13546	4000	675	340	80	4.3
MGNOR L LED1X15100 D579 T840 ALU L120	93.9	180	16087	4000	675	340	80	4.3
MGNOR L LED1X18600 D580 T840 ALU L120	119.3	175	19836	4000	675	340	80	4.3
MGNOR L LED1X22000 D581 T840 ALU L120	145	170	23499	4000	675	340	80	4.3
MGNOR L LED1X25400 D582 T840 ALU L120	170.7	167	27092	4000	975	340	80	6.5
MGNOR L LED1X27900 D583 T840 ALU L120	178.9	175	29754	4000	975	340	80	6.5
MGNOR L LED1X33000 D584 T840 ALU L120	217.5	170	35249	4000	975	340	80	6.5
MGNOR L LED1X38050 D585 T840 ALU L120	256.1	167	40638	4000	468	340	80	2.8

Product Variants

Product Code	System Power (W)	System efficacy (lm/W)	Lumens (lm)	CCT (K)	Length mm	Width mm	Height mm	Weight kg
MGNOR L LED1X6650 D574 T830 ALU L60	41.6	159	6634	3000	468	340	80	2.8
MGNOR L LED1X7550 D575 T830 ALU L60	48	157	7528	3000	468	340	80	2.8
MGNOR L LED1X9300 D576 T830 ALU L60	60.9	152	9282	3000	468	340	80	2.8
MGNOR L LED1X11000 D577 T830 ALU L60	71.5	152	10996	3000	468	340	80	2.8
MGNOR L LED1X12700 D578 T830 ALU L60	85.4	149	12677	3000	468	340	80	2.8
MGNOR L LED1X15100 D579 T830 ALU L60	93.9	160	15056	3000	675	340	80	4.3
MGNOR L LED1X18600 D580 T830 ALU L60	119.3	156	18564	3000	675	340	80	4.3
MGNOR L LED1X22000 D581 T830 ALU L60	145	152	21992	3000	675	340	80	4.3
MGNOR L LED1X25400 D582 T830 ALU L60	170.7	149	25355	3000	675	340	80	4.3
MGNOR L LED1X27900 D583 T830 ALU L60	178.9	156	27846	3000	975	340	80	6.5
MGNOR L LED1X33000 D584 T830 ALU L60	217.5	152	32989	3000	975	340	80	6.5
MGNOR L LED1X38050 D585 T830 ALU L60	256.1	149	38032	3000	975	340	80	6.5
MGNOR L LED1X6650 D574 T840 ALU L60	41.6	169	7013	4000	468	340	80	2.8
MGNOR L LED1X7550 D575 T840 ALU L60	48	166	7958	4000	468	340	80	2.8
MGNOR L LED1X9300 D576 T840 ALU L60	60.9	161	9812	4000	468	340	80	2.8
MGNOR L LED1X11000 D577 T840 ALU L60	71.5	160	11625	4000	468	340	80	2.8
MGNOR L LED1X12700 D578 T840 ALU L60	85.4	157	13402	4000	675	340	80	4.3
MGNOR L LED1X15100 D579 T840 ALU L60	93.9	169	15916	4000	675	340	80	4.3
MGNOR L LED1X18600 D580 T840 ALU L60	119.3	165	19625	4000	675	340	80	4.3
MGNOR L LED1X22000 D581 T840 ALU L60	145	160	23249	4000	675	340	80	4.3
MGNOR L LED1X25400 D582 T840 ALU L60	170.7	157	26804	4000	975	340	80	6.5
MGNOR L LED1X27900 D583 T840 ALU L60	178.9	165	29437	4000	975	340	80	6.5
MGNOR L LED1X33000 D584 T840 ALU L60	217.5	160	34874	4000	975	340	80	6.5
MGNOR L LED1X38050 D585 T840 ALU L60	256.1	157	40205	4000	468	340	80	2.8

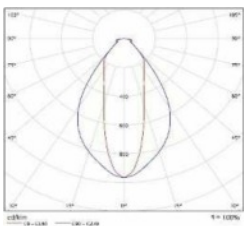
Product Variants

Product Code	System Power (W)	System efficacy (lm/W)	Lumens (lm)	CCT (K)	Length mm	Width mm	Height mm	Weight kg
MGNOR L LED1X6650 D574 T830 ALU L40	41.6	156	6491	3000	468	340	80	2.8
MGNOR L LED1X7550 D575 T830 ALU L40	48	154	7366	3000	468	340	80	2.8
MGNOR L LED1X9300 D576 T830 ALU L40	60.9	149	9082	3000	468	340	80	2.8
MGNOR L LED1X11000 D577 T830 ALU L40	71.5	148	10760	3000	468	340	80	2.8
MGNOR L LED1X12700 D578 T830 ALU L40	85.4	145	12405	3000	468	340	80	2.8
MGNOR L LED1X15100 D579 T830 ALU L40	93.9	157	14732	3000	675	340	80	4.3
MGNOR L LED1X18600 D580 T830 ALU L40	119.3	152	18165	3000	675	340	80	4.3
MGNOR L LED1X22000 D581 T830 ALU L40	145	148	21519	3000	675	340	80	4.3
MGNOR L LED1X25400 D582 T830 ALU L40	170.7	145	24809	3000	675	340	80	4.3
MGNOR L LED1X27900 D583 T830 ALU L40	178.9	152	27247	3000	975	340	80	6.5
MGNOR L LED1X33000 D584 T830 ALU L40	217.5	148	32279	3000	975	340	80	6.5
MGNOR L LED1X38050 D585 T830 ALU L40	256.1	145	37214	3000	975	340	80	6.5
MGNOR L LED1X6650 D574 T840 ALU L40	41.6	165	6862	4000	468	340	80	2.8
MGNOR L LED1X7550 D575 T840 ALU L40	48	162	7787	4000	468	340	80	2.8
MGNOR L LED1X9300 D576 T840 ALU L40	60.9	158	9601	4000	468	340	80	2.8
MGNOR L LED1X11000 D577 T840 ALU L40	71.5	157	11375	4000	468	340	80	2.8
MGNOR L LED1X12700 D578 T840 ALU L40	85.4	154	13114	4000	675	340	80	4.3
MGNOR L LED1X15100 D579 T840 ALU L40	93.9	166	15574	4000	675	340	80	4.3
MGNOR L LED1X18600 D580 T840 ALU L40	119.3	161	19203	4000	675	340	80	4.3
MGNOR L LED1X22000 D581 T840 ALU L40	145	157	22749	4000	675	340	80	4.3
MGNOR L LED1X25400 D582 T840 ALU L40	170.7	154	26227	4000	975	340	80	6.5
MGNOR L LED1X27900 D583 T840 ALU L40	178.9	161	28804	4000	975	340	80	6.5
MGNOR L LED1X33000 D584 T840 ALU L40	217.5	157	34124	4000	975	340	80	6.5
MGNOR L LED1X38050 D585 T840 ALU L40	256.1	154	39341	4000	468	340	80	2.8

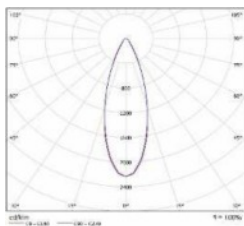
Options

OPTION	CODE
Driver with DALI interface	DALI
Driver with switch control dimming	SDIM
Integrated smart sensor for high ceiling (up to 16m) and driver with wireless communication and grouping possibilities for lighting control	HBEAIR
Driver with corridor function (never off)	COR
Driver with corridor function 1 min (switch off after 1 min)	COR1min
Driver with corridor function 30 min (switch off after 30 min)	COR30min
Integrated PIR sensor for high ceiling (up to 7m) with on-off control (fitting IP54)	HBPIR7M
Integrated PIR sensor for high ceiling (up to 12m) with on-off control (fitting IP54)	HBPIR12M
Emergency version 1 hour	EMG
Emergency version 3 hours	EM3
Emergency version equipped with autonomous testing system 3 hours	EM3A
Emergency version 3 hours with DALI interface	EM3D
Strain relief for power supply	IG
Optics with 30x70° beam angle	L30X70
Optics with 40° beam angle	L40
Optics with 60° beam angle	L60
Optics with 90° beam angle	L90
Optics with 120° beam angle	L120
3000K	T830
4000K	T840

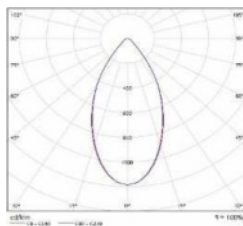
Photometrics



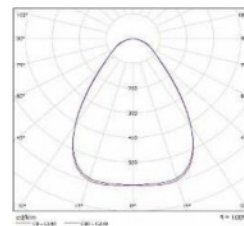
L30X70



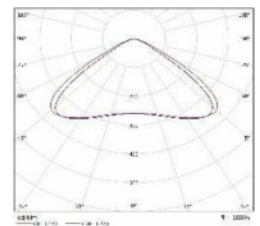
L40



L60



L90



L120