

Description

The MGBAR is a waterproof IP66 LED luminaire with opal diffuser and high impact resistance.

Environment

Outdoor/Indoor

Installation

Designed to be surface mounted or suspended

Application

Suitable for sports facilities, parking areas and commercial applications



General Data

Voltage	AC220-240V 50-60Hz
Power Factor	>0.95
Light Source	LED
LED Lifetime	75,000hrs/ L80B50
Operating temperature	-20°C to 35°C
Materials	Opal polycarbonate diffuser, UV Stabilised, high impact resistance Light grey polycarbonate body high impact resistance Sheet steel gear tray, white finish
Installation	Surface or suspended

Light Data

Lumens per Watt	146-179lm/W
-Light Source	LED
CRI	80
Light Distribution	Direct

Product Variants

Product Code	System Power (W)	System efficacy (lm/W)	Lumens (lm)	CCT (K)	Length mm	Width mm	Height mm	Weight kg
MGBAR LED1X1600 G237 T830 PC/PC OP LT80	10	148	1481	3000	662	96	111	1.3
MGBAR LED1X2150 G238 T830 PC/PC OP LT80	13.9	146	2026	3000	662	96	111	1.3
MGBAR LED1X2850 G239 T830 PC/PC OP LT80	17.2	156	2687	3000	662	96	111	1.3
MGBAR LED2X2150 G240 T830 PC/PC OP LT80	25.6	158	4052	3000	662	146	111	1.8
MGBAR LED1X2850 G241 T830 PC/PC OP LT80	17.3	156	2701	3000	1272	96	111	2.1
MGBAR LED1X3750 G242 T830 PC/PC OP LT80	21.9	161	3523	3000	1272	96	111	2.1
MGBAR LED1X4600 G243 T830 PC/PC OP LT80	27.5	157	4323	3000	1272	96	111	2.1
MGBAR LED1X5400 G244 T830 PC/PC OP LT80	33	154	5094	3000	1272	96	111	2.1
MGBAR LED1X7150 G245 T830 PC/PC OP LT80	43.3	157	6792	3000	1272	96	111	2.1
MGBAR LED1X9650 G246 T830 PC/PC OP LT80	57.5	158	9086	3000	1272	96	111	2.1
MGBAR LED2X5700 G247 T830 PC/PC OP LT80	65.9	162	10694	3000	1272	146	111	2.8
MGBAR LED1X4500 G248 T830 PC/PC OP LT80	27.8	154	4267	3000	1572	96	111	2.6
MGBAR LED1X5700 G249 T830 PC/PC OP LT80	34	159	5403	3000	1572	96	111	2.6
MGBAR LED1X6750 G250 T830 PC/PC OP LT80	40.8	136	6368	3000	1572	96	111	2.6
MGBAR LED1X8950 G251 T830 PC/PC OP LT80	54.1	156	8447	3000	1572	96	111	2.6
MGBAR LED1X12050 G252 T830 PC/PC OP LT80	71.1	160	11358	3000	1572	96	111	2.6
MGBAR LED2X7100 G253 T830 PC/PC OP LT80	82.4	162	13368	3000	1572	146	111	3.3
MGBAR LED1X1600 G237 T840 PC/PC OP LT80	10	156	1561	4000	662	96	111	1.3
MGBAR LED1X2150 G238 T840 PC/PC OP LT80	13.9	154	2136	4000	662	96	111	1.3
MGBAR LED1X2850 G239 T840 PC/PC OP LT80	17.2	165	2833	4000	662	96	111	1.3
MGBAR LED2X2150 G240 T840 PC/PC OP LT80	25.6	167	4271	4000	662	146	111	1.8
MGBAR LED1X2850 G241 T840 PC/PC OP LT80	17.3	165	2847	4000	1272	96	111	2.1
MGBAR LED1X3750 G242 T840 PC/PC OP LT80	21.9	179	3713	4000	1272	96	111	2.1
MGBAR LED1X4600 G243 T840 PC/PC OP LT80	27.5	166	4556	4000	1272	96	111	2.1
MGBAR LED1X5400 G244 T840 PC/PC OP LT80	33	164	5398	4000	1272	96	111	2.1
MGBAR LED1X7150 G245 T840 PC/PC OP LT80	43.3	165	7122	4000	1272	96	111	2.1

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Product Variants

Product Code	System Power (W)	System efficacy (lm/W)	Lumens (lm)	CCT (K)	Length mm	Width mm	Height mm	Weight kg
MGBAR LED1X9650 G246 T840 PC/PC OP LT80	57.5	167	9628	4000	1272	96	111	2.1
MGBAR LED2X5700 G247 T840 PC/PC OP LT80	65.9	172	11331	4000	1272	146	111	2.8
MGBAR LED1X4500 G248 T840 PC/PC OP LT80	27.8	162	4498	4000	1572	96	111	2.6
MGBAR LED1X5700 G249 T840 PC/PC OP LT80	34	167	5695	4000	1572	96	111	2.6
MGBAR LED1X6750 G250 T840 PC/PC OP LT80	40.8	165	6747	4000	1572	96	111	2.6
MGBAR LED1X8950 G251 T840 PC/PC OP LT80	54.1	165	8903	4000	1572	96	111	2.6
MGBAR LED1X12050 G252 T840 PC/PC OP LT80	71.1	169	12035	4000	1572	96	111	2.6
MGBAR LED2X7100 G253 T840 PC/PC OP LT80	82.4	172	14164	4000	1572	146	111	3.3



Supplied with two fixing brackets for easy installation
Sealing washer and accessories for chain or wire suspension available.

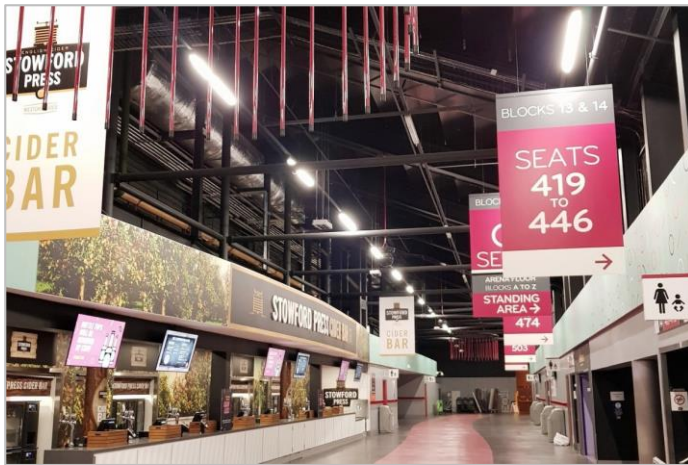
Options

OPTION	CODE
Driver with DALI interface and switch control dimming	DALI
Driver with corridor function (never off)	COR
Driver with corridor function (switch off after 1 min)	COR1min
Driver with corridor function (switch off after 30 mins)	COR30min
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
5 pole terminal block in the middle of luminaire for easy through wiring (lengths up to 800mm)	5TB
Through wiring 3x1.5mm ² with two push in terminals	iLIN
Through wiring 5x1.5mm ² with two push in terminals	3LIN
Through wiring 3x2.5mm ² with two push in terminals	1LIN2.5
Through wiring 5x2.5mm ² with two push in terminals	3LIN2.5

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Options continued.

OPTION	CODE
Integrated microwave sensor with on-off control	MW
Integrated microwave sensor with integrated RF (radio wave) transceiver. Sensor can serve as both master and slave. Dimming control	MWRFM+
Integrated microwave sensor with integrated RF (radio wave) transceiver. Sensor can serve as both master and slave. No dimming control	MWRFM+OFF
Integrated microwave sensor with integrated RF (radio wave) transceiver. Sensor can serve as master. Dimming control	MWRFM
Integrated microwave sensor with integrated RF (radio wave) transceiver. Sensor can serve as slave. Dimming control	MWRFS+
Integrated microwave sensor with integrated RF (radio wave) transceiver. Sensor can serve as slave. No dimming control	MWRFS+OFF
Integrated microwave sensor with integrated RF (radio wave) transceiver. Sensor can serve as slave. No dimming control	MWRFS
Integrated PIR sensor for high ceiling (up to 7m) with on-off control	HBPIR7M
Opal diffuser with high light transmission	OP LT80



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