

## Description

The MGCAER is a recessed IP65 LED luminaire designed to withstand extreme vandalism in public places.

## Environment

Outdoor/Indoor

## Installation

Designed to be recessed

## Application

Suitable for prisons, psychiatric hospitals, parking areas, tunnels and other similar applications.



<b>5YR</b> Warranty	 <b>IP65</b> Protection	<b>100,000hr</b> Lifetime	 <b>IK10</b> Toughness
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## General Data

Voltage	AC220-240V 50-60Hz
Power Factor	>0.95
Light Source	LED
LED Lifetime	100,000hrs/ L80B50 (75,000/L80B50 for models E853 and E856)
Operating temperature	-20°C to 40°C
Materials	Opal 4mm polycarbonate diffuser, UV Stabilised, vandal resistant Zinc plated steel sheet body with white polyester powder finish, vandal resistant. The frame is fitted into the body with stainless steel security screws.
Installation	Recessed mounted - requires cut out

## Light Data

Lumens per Watt	99-119lm/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
MGCAER LED1X1150 E846 T830 OP	11.1	99	1095	3000	410	180	65	4
MGCAER LED1X1700 E847 T830 OP	14.5	111	1609	3000	690	180	65	4.5
MGCAER LED1X2850 E848 T830 OP	26	105	2723	3000	690	180	65	4.5
MGCAER LED1X2550 E849 T830 OP	21.7	111	2413	3000	970	180	65	6.5
MGCAER LED1X4300 E850 T830 OP	38.9	105	4084	3000	970	180	65	6.5
MGCAER LED1X3400 E851 T830 OP	27.3	118	3218	3000	1250	180	65	8.4
MGCAER LED1X4600 E852 T830 OP	38.9	112	4379	3000	1250	180	65	8.4
MGCAER LED1X5700 E853 T830 OP	50.8	107	5446	3000	1250	180	65	8.4
MGCAER LED1X4250 E854 T830 OP	33.7	119	4022	3000	1530	180	65	10.2
MGCAER LED1X5750 E855 T830 OP	48.7	112	5473	3000	1530	180	65	10.2
MGCAER LED1X7150 E856 T830 OP	63.5	107	6807	3000	1530	180	65	10.2
MGCAER LED1X1150 E846 T830 OP	11.1	103	1144	4000	410	180	65	4
MGCAER LED1X1700 E847 T830 OP	14.5	116	1681	4000	690	180	65	4.5
MGCAER LED1X2850 E848 T830 OP	26	110	2845	4000	690	180	65	4.5
MGCAER LED1X2550 E849 T830 OP	21.7	116	2521	4000	970	180	65	6.5
MGCAER LED1X4300 E850 T830 OP	38.9	110	4267	4000	970	180	65	6.5
MGCAER LED1X3400 E851 T830 OP	27.3	123	3362	4000	1250	180	65	8.4
MGCAER LED1X4600 E852 T830 OP	38.9	117	4575	4000	1250	180	65	8.4
MGCAER LED1X5700 E853 T830 OP	50.8	112	5690	4000	1250	180	65	8.4
MGCAER LED1X4250 E854 T830 OP	33.7	125	4202	4000	1530	180	65	10.2
MGCAER LED1X5750 E855 T830 OP	48.7	117	5719	4000	1530	180	65	10.2
MGCAER LED1X7150 E856 T830 OP	63.5	112	7112	4000	1530	180	65	10.2

## Options

OPTION	CODE
Driver with DALI interface	DALI
Integrated Microwave motion sensor with on/off control	MS
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 an autonomous testing system 3 hours	EM3A
Emergency version 3 hours with DALI interface	EM3D

NOTE: Emergency options applicable to models 600mm or longer only.