

Description

The MGCAEA is a surface corner mounted IP65 LED luminaire designed to withstand extreme vandalism in public places.

Environment

Outdoor/Indoor

Installation

Designed to be corner mounted

Application

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



General Data

Voltage	AC220-240V 50-60Hz
Power Factor	>0.95
Light Source	LED
LED Lifetime	100,000hrs/ L80B50
Operating temperature	0-20°C to 45°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	Corner mounted

Light Data

Lumens per Watt	113-126lm/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
MGCAEA LED1X1250 G514 T830 OP	10.2	113	1162	3000	380	135	135	3
MGCAEA LED1X1550 G515 T830 OP	12.8	115	1468	3000	380	135	135	3
MGCAEA LED1X1700 G516 T830 OP	13.7	117	1598	3000	660	135	135	3.5
MGCAEA LED1X2350 G517 T830 OP	18.8	125	2356	3000	660	135	135	3.5
MGCAEA LED1X2900 G518 T830 OP	21.8	126	2751	3000	660	135	135	3.5
MGCAEA LED1X2550 G519 T830 OP	20.1	119	2398	3000	940	135	135	5.5
MGCAEA LED1X3550 G520 T830 OP	27.6	120	3321	3000	940	135	135	5.5
MGCAEA LED1X4250 G521 T830 OP	32.4	123	3998	3000	940	135	135	5.5
MGCAEA LED1X3150 G522 T830 OP	24.5	120	2953	3000	1220	135	135	7.4
MGCAEA LED1X4700 G523 T830 OP	37.2	119	4429	3000	1220	135	135	7.4
MGCAEA LED1X5650 G524 T830 OP	43.3	123	5331	3000	1220	135	135	7.4
MGCAEA LED1X3900 G525 T830 OP	30.6	120	3691	3000	1500	135	135	9.2
MGCAEA LED1X5300 G526 T830 OP	40.8	123	5023	3000	1500	135	135	9.2
MGCAEA LED1X5850 G527 T830 OP	45.5	121	5507	3000	1500	135	135	9.2
MGCAEA LED1X7050 G528 T830 OP	54.1	123	6663	3000	1500	135	135	9.2
MGCAEA LED1X1250 G514 T830 OP	10.2	120	1226	4000	380	135	135	3
MGCAEA LED1X1550 G515 T830 OP	12.8	121	1548	4000	380	135	135	3
MGCAEA LED1X1700 G516 T830 OP	13.7	122	1685	4000	660	135	135	3.5
MGCAEA LED1X2350 G517 T830 OP	18.8	124	2334	4000	660	135	135	3.5
MGCAEA LED1X2900 G518 T830 OP	21.8	133	2899	4000	660	135	135	3.5
MGCAEA LED1X2550 G519 T830 OP	20.1	126	2528	4000	940	135	135	5.5
MGCAEA LED1X3550 G520 T830 OP	27.6	127	3502	4000	940	135	135	5.5
MGCAEA LED1X4250 G521 T830 OP	32.4	130	4214	4000	940	135	135	5.5
MGCAEA LED1X3150 G522 T830 OP	24.5	127	3113	4000	1220	135	135	7.4
MGCAEA LED1X4700 G523 T830 OP	37.2	126	4668	4000	1220	135	135	7.4

Product Variants

Product Code	System Power (W)	System efficacy (lm/W)	Lumens (lm)	CCT (K)	Length mm	Width mm	Height mm	Weight kg
MGCAEA LED1X5650 G524 T830 OP	43.3	130	5619	4000	1220	135	135	7.4
MGCAEA LED1X3900 G525 T830 OP	30.6	127	3891	4000	1500	135	135	9.2
MGCAEA LED1X5300 G526 T830 OP	40.8	130	5295	4000	1500	135	135	9.2
MGCAEA LED1X5850 G527 T830 OP	45.5	128	5805	4000	1500	135	135	9.2
MGCAEA LED1X7050 G528 T830 OP	54.1	130	7023	4000	1500	135	135	9.2

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.