

Description

The MGDECS is a surface or suspended LED luminaire with opal diffuser and ultra slim design for in-line connection without gaps.

Environment

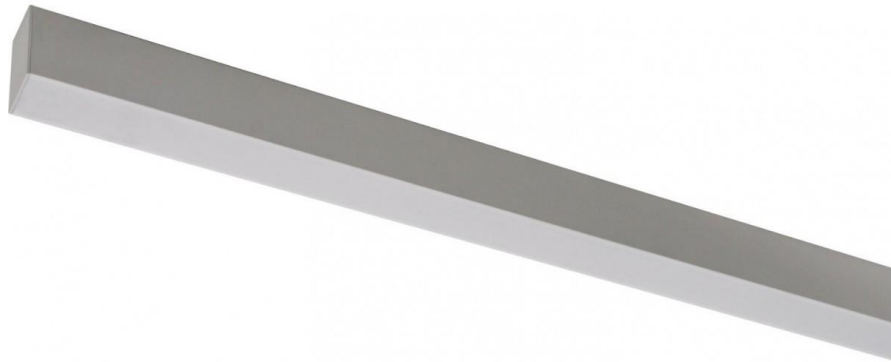
Indoor

Installation

Designed to be surface mounted or suspended

Application

Suitable for retail, education and commercial applications



General Data

Voltage	AC220-240V 50-60Hz
Power Factor	>0.95
Light Source	LED
LED Lifetime	100,000hrs/ L80B50
Operating temperature	0°C to 35°C
Materials	Opal polycarbonate diffuser, UV Stabilised Extruded aluminium profile body, light grey RAL9006 with sandpaper finish
Installation	Surface mounted or suspended with suspension kit.

Light Data

Lumens per Watt	93-111lm/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
MGDECS LED1X700 G384 T830 OP LO1	6.8	96	658	3000	576	40	75	1.3
MGDECS LED1X950 G385 T830 OP LO2	9.7	93	901	3000	576	40	75	1.3
MGDECS LED1X1350 G386 T830 OP LO3	13.3	94	1247	3000	576	40	75	1.3
MGDECS LED1X1050 G387 T830 OP LO1	10.3	96	988	3000	856	40	75	1.8
MGDECS LED1X1450 G388 T830 OP LO2	13.7	99	1351	3000	856	40	75	1.8
MGDECS LED1X2000 G389 T830 OP LO3	18.8	100	1871	3000	856	40	75	1.8
MGDECS LED1X1400 G390 T830 OP LO1	12.9	102	1317	3000	1136	40	75	2.4
MGDECS LED1X1900 G391 T830 OP LO2	17.3	104	1801	3000	1136	40	75	2.4
MGDECS LED1X2650 G392 T830 OP LO3	24.5	102	2495	3000	1136	40	75	2.4
MGDECS LED1X1750 G393 T830 OP LO1	16.1	102	1646	3000	1416	40	75	2.9
MGDECS LED1X2400 G394 T830 OP LO2	21.6	104	2251	3000	1416	40	75	2.9
MGDECS LED1X3300 G395 T830 OP LO3	30.6	102	3119	3000	1416	40	75	2.9
MGDECS LED1X2100 G396 T830 OP LO1	18.3	108	1975	3000	1696	40	75	3.4
MGDECS LED1X2850 G397 T830 OP LO2	25.3	107	2701	3000	1696	40	75	3.4
MGDECS LED1X3950 G398 T830 OP LO3	36.8	102	3743	3000	1696	40	75	3.4
MGDECS LED1X2450 G399 T830 OP LO1	21.3	108	2304	3000	1976	40	75	4
MGDECS LED1X3350 G400 T830 OP LO2	29.6	107	3152	3000	1976	40	75	4
MGDECS LED1X4650 G401 T830 OP LO3	42.9	102	4366	3000	1976	40	75	4
MGDECS LED1X2800 G590 T830 OP LO1	23.8	111	2633	3000	2256	40	75	4.6
MGDECS LED1X3800 G591 T830 OP LO2	33.8	107	3602	3000	2256	40	75	4.6
MGDECS LED1X5300 G592 T830 OP LO3	48.5	103	4990	3000	2256	40	75	4.6
MGDECS LED1X3150 G593 T830 OP LO1	26.8	111	2963	3000	2536	40	75	5.1
MGDECS LED1X4300 G594 T830 OP LO2	38	107	4052	3000	2536	40	75	5.1
MGDECS LED1X5950 G595 T830 OP LO3	54.6	103	5614	3000	2536	40	75	5.1
MGDECS LED1X3650 G596 T830 OP LO1	31.3	111	3456	3000	2956	40	75	6
MGDECS LED1X5000 G597 T830 OP LO2	44.3	107	4727	3000	2956	40	75	6
MGDECS LED1X6950 G598 T830 OP LO3	63.6	103	6550	3000	2956	40	75	6

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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
MGDECS LED1X700 G384 T840 OP LO1	6.8	101	694	4000	576	40	75	1.3
MGDECS LED1X950 G385 T840 OP LO2	9.7	98	949	4000	576	40	75	1.3
MGDECS LED1X1350 G386 T840 OP LO3	13.3	99	1315	4000	576	40	75	1.3
MGDECS LED1X1050 G387 T840 OP LO1	10.3	101	1041	4000	856	40	75	1.8
MGDECS LED1X1450 G388 T840 OP LO2	13.7	104	1424	4000	856	40	75	1.8
MGDECS LED1X2000 G389 T840 OP LO3	18.8	105	1973	4000	856	40	75	1.8
MGDECS LED1X1400 G390 T840 OP LO1	12.9	108	1388	4000	1136	40	75	2.4
MGDECS LED1X1900 G391 T840 OP LO2	17.3	110	1898	4000	1136	40	75	2.4
MGDECS LED1X2650 G392 T840 OP LO3	24.5	107	2630	4000	1136	40	75	2.4
MGDECS LED1X1750 G393 T840 OP LO1	16.1	108	1735	4000	1416	40	75	2.9
MGDECS LED1X2400 G394 T840 OP LO2	21.6	110	2373	4000	1416	40	75	2.9
MGDECS LED1X3300 G395 T840 OP LO3	30.6	107	3288	4000	1416	40	75	2.9
MGDECS LED1X2100 G396 T840 OP LO1	18.3	114	2082	4000	1696	40	75	3.4
MGDECS LED1X2850 G397 T840 OP LO2	25.3	112	2847	4000	1696	40	75	3.4
MGDECS LED1X3950 G398 T840 OP LO3	36.8	107	3945	4000	1696	40	75	3.4
MGDECS LED1X2450 G399 T840 OP LO1	21.3	114	2429	4000	1976	40	75	4
MGDECS LED1X3350 G400 T840 OP LO2	29.6	112	3322	4000	1976	40	75	4
MGDECS LED1X4650 G401 T840 OP LO3	42.9	107	4603	4000	1976	40	75	4
MGDECS LED1X2800 G590 T840 OP LO1	23.8	117	2776	4000	2256	40	75	4.6
MGDECS LED1X3800 G591 T840 OP LO2	33.8	112	3797	4000	2256	40	75	4.6
MGDECS LED1X5300 G592 T840 OP LO3	48.5	108	5260	4000	2256	40	75	4.6
MGDECS LED1X3150 G593 T840 OP LO1	26.8	117	3123	4000	2536	40	75	5.1
MGDECS LED1X4300 G594 T840 OP LO2	38	112	4271	4000	2536	40	75	5.1
MGDECS LED1X5950 G595 T840 OP LO3	54.6	108	5918	4000	2536	40	75	5.1
MGDECS LED1X3650 G596 T840 OP LO1	31.3	117	3643	4000	2956	40	75	6
MGDECS LED1X5000 G597 T840 OP LO2	44.3	112	4983	4000	2956	40	75	6
MGDECS LED1X6950 G598 T840 OP LO3	63.6	108	6904	4000	2956	40	75	6

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Options

OPTION	CODE
Driver with DALI interface	DALI
Pull switch device on/off - housing is 50mm longer	PULL
Emergency version 3 hours	EM3*
Emergency version equipped with autonomous testing system 3 hours	EM3A
Emergency version 3 hours with DALI interface	EM3D
Through wiring for 3x1.5mm ² with two push in terminal blocks	1LIN**
Through wiring for 5x1.5mm ² with two push in terminal blocks	3LIN
Suspended version	SUS
Luminaire designed for in-line connection - end/first luminaire (lengths 568/848/1128/1408/1688/1968/2248/2528/2948mm)	L***
Luminaire designed for in-line connection - intermediate luminaire (lengths 561/841/1121/1401/1681/1961/2241/2521/2941mm)	LL
Wide beam reflector	WID
Light output level 1	LO1
Light output level 2	LO2
Light output level 3	LO3

*Note: Emergency options applicable for models longer than 1000mm

** Note: LIN options applicable for models longer than 800mm

***Note: L and LL models 3LIN options applicable for models longer than 800mm