

Description

The MGDECL is a surface or suspended LED luminaire with opal or micro-linear prismatic diffuser and direct/indirect lighting distribution.

Environment

Indoor

Installation

Designed to be suspended

Application

Suitable for retail, education and commercial applications



5YR Warranty	 IP40 Protection	50,000hrs Lifetime	 IK05 Toughness
------------------------	---	------------------------------	--

General Data

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

Light Data

Lumens per Watt	104-125lm/W
-Light Source	LED
CRI	80
Light Distribution	Direct or Direct/Indirect (60/40)

Product Code	System Power (W)	System efficacy (lm/W)	Lumens (lm)	CCT (K)	Length mm	Width mm	Height mm	Weight kg
Opal Diffuser (OP LT80) option								
MGDECL LED1X1550/1150 D586 T830 LG3 LO1	22	115	2536	3000	1135	58	75	2.7
MGDECL LED1X2100/1550 D587 T830 LG3 LO2	31.7	109	3451	3000	1135	58	75	2.7
MGDECL LED1X2800/2100 D593 T830 LG3 LO3	46.9	100	4680	3000	1135	58	75	2.7
MGDECL LED1X1900/1550 D588 T830 LG3 LO1	28.3	115	3260	3000	1415	58	75	3.2
MGDECL LED1X2600/2100 D589 T830 LG3 LO2	40.7	109	4437	3000	1415	58	75	3.2
MGDECL Led1x3500/2800 D594 T830 LG3 LO3	60.3	100	6017	3000	1415	58	75	3.2
MGDECL LED1X1550/1150 D586 T840 LG3 LO1	22	121	2649	4000	1135	58	75	2.7
MGDECL LED1X2100/1550 D587 T840 LG3 LO2	31.7	114	3605	4000	1135	58	75	2.7
MGDECL LED1X2800/2100 D593 T840 LG3 LO3	46.9	104	4890	4000	1135	58	75	2.7
MGDECL LED1X1900/1550 D588 T840 LG3 LO1	28.3	121	3406	4000	1415	58	75	3.2
MGDECL LED1X2600/2100 D589 T840 LG3 LO2	40.7	114	4635	4000	1415	58	75	3.2
MGDECL Led1x3500/2800 D594 T840 LG3 LO3	60.3	104	6287	4000	1415	58	75	3.2
Micro-linear prismatic diffuser (PRZ) option								
MGDECL LED1X1550/1150 D586 T830 LG3 LO1	22	120	2631	3000	1135	58	75	2.7
MGDECL LED1X2100/1550 D587 T830 LG3 LO2	31.7	113	3581	3000	1135	58	75	2.7
MGDECL LED1X2800/2100 D593 T830 LG3 LO3	46.9	104	4856	3000	1135	58	75	2.7
MGDECL LED1X1900/1550 D588 T830 LG3 LO1	28.3	120	3379	3000	1415	58	75	3.2
MGDECL LED1X2600/2100 D589 T830 LG3 LO2	40.7	113	4599	3000	1415	58	75	3.2
MGDECL Led1x3500/2800 D594 T830 LG3 LO3	60.3	104	6237	3000	1415	58	75	3.2
MGDECL LED1X1550/1150 D586 T840 LG3 LO1	22	125	2749	4000	1135	58	75	2.7
MGDECL LED1X2100/1550 D587 T840 LG3 LO2	31.7	118	3741	4000	1135	58	75	2.7
MGDECL LED1X2800/2100 D593 T840 LG3 LO3	46.9	108	5074	4000	1135	58	75	2.7
MGDECL LED1X1900/1550 D588 T840 LG3 LO1	28.3	125	3531	4000	1415	58	75	3.2
MGDECL LED1X2600/2100 D589 T840 LG3 LO2	40.7	118	4805	4000	1415	58	75	3.2
MGDECL Led1x3500/2800 D594 T840 LG3 LO3	60.3	108	6517	4000	1415	58	75	3.2

Options

OPTION	CODE
Driver with switch control dimming	SDIM
Driver with DALI interface	DALI
Integrated smart sensor and driver with wireless communication and grouping possibilities for lighting control	LEAIR
Integrated self learning sensor and driver for lighting control (for models D593 and D589)	ACT+
Integrated light source and driver for tuneable white control (2700K to 6500)	TW
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 1128/1408m)	L
Luminaire designed for in-line connection - intermediate luminaire (lengths 1121/1401mm)	LL
Luminaire fits LG3 requirements (with direct/indirect light distribution)	LG3
Opal diffuser	OP LT80
Micro-linear prismatic diffuser	PRZ
Light output level 1	LO1
Light output level 2	LO2
Light output level 3	LO3