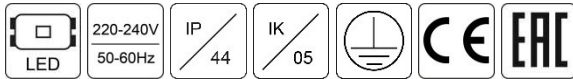


# CORONA D LED

## Product Group: Recessed Luminaires



**Images for the product family and options:**



**Description:** A recessed LED luminaire with opal micro-prismatic diffuser for most commercial lighting applications  
 Diffuser: translucent micro-prismatic, PMMA, UV stable, low glare  
 Body: steel sheet, white finish

**General data:** Mains voltage: 220-240V, 0/50-60Hz  
 Power factor: >0,95  
 Light source: LED  
 Light source included: Yes  
 Light distribution type: Direct  
 LED lifetime, h: 100000/L80B50  
 Operating temperature range, °C: ta 0...+35  
 Protection class IEC: I  
 Ingress protection code: IP44  
 Mechanical impact resistance: IK05  
 EEC: A++

**Installation:** Fits 15-24mm exposed T-Bar ceiling 600x600mm. When the luminaire is fitted into a plasterboard ceiling, it is recommended to use recessed mounting kit S620x620 or S320x1220 (to be ordered separately). Push-in terminal, 3x2x2.5mm<sup>2</sup>

**Environment:** Indoor

**Application:** Office, education, corridor, retail, public place



Sensors ensure lighting is only on when and where it is needed. The sensors can bring huge benefits in terms of energy management as they enable sunlight harvesting, automatic dimming, and sensing the presence of people. The lighting is only on when actually required so cost savings are considerable.

Energy saving - typically between 30% and 50%.

Application: are ideal for all office areas including work spaces, conference rooms, corridors, break-out rooms, administrative areas, stairwells and similar applications in schools and hospitals  
 For more information see the option list and energy saving solutions.



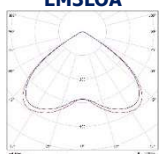
Series of EM3LOA and EM3LER emergency kits is the newest line of options that combines highly efficient LED light sources and the latest optics, designed to illuminate open areas or escape routes. A high specification LED emergency version provides high performance emergency lighting in commercial buildings where aesthetics is of prime importance, such as offices, retail or hospitality and leisure facilities. Whereas typical escape route emergency luminaires need to be spaced at every 3 to 7 metres to achieve the required illumination level, EM3LOA and EM3LER optimised optics can provide more than:

up to 17m along the escape routes

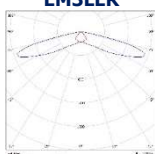
up to 9m in the open areas

metre spacing, depending on ceiling height, that effects significantly on reduction of the number of needed emergency luminaires and, consequently, the costs of installation and subsequent maintenance.

**EM3LOA**



**EM3LER**



High flexibility to meet specific project requirements, as luminaires can be painted to all RAL code colour on request. For more information see the option list

**TECHNICAL DATA SHEET**

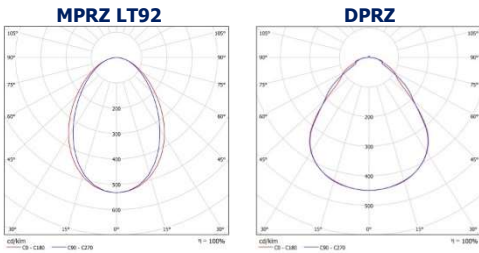
Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI *	CCT*, K	Weight, kg
Corona D LED1x1350 E801 T830 MPRZ LT92	595	295	40	1255	11,1	113	80+	3000	2,00
Corona D LED1x1800 E802 T830 MPRZ LT92	595	295	40	1702	15,4	110	80+	3000	2,00
Corona D LED1x2650 E803 T830 MPRZ LT92	595	295	40	2510	20,1	125	80+	3000	2,00
Corona D LED2x1350 E804 T830 MPRZ LT92	595	595	40	2510	20,1	125	80+	3000	3,50
Corona D LED2x1850 E805 T830 MPRZ LT92	595	595	40	3540	30,8	115	80+	3000	3,50
Corona D LED2x2650 E806 T830 MPRZ LT92	595	595	40	5021	38,9	129	80+	3000	3,50
Corona D LED3x1350 E807 T830 MPRZ LT92	595	595	40	3766	29,5	128	80+	3000	3,50
Corona D LED3x1800 E808 T830 MPRZ LT92	595	595	40	5107	43,3	118	80+	3000	3,50
Corona D LED3x2650 E809 T830 MPRZ LT92	595	595	40	7531	57,8	130	80+	3000	3,50
Corona D LED1x2600 E810 T830 MPRZ LT92	1195	295	40	2460	18,6	132	80+	3000	3,50
Corona D LED1x3500 E811 T830 MPRZ LT92	1195	295	40	3347	26,3	128	80+	3000	3,50
Corona D LED1x5250 E812 T830 MPRZ LT92	1195	295	40	5021	38,9	129	80+	3000	3,50
Corona D LED2x2600 E813 T830 MPRZ LT92	1195	595	40	4919	36,0	137	80+	3000	6,50
Corona D LED2x3500 E814 T830 MPRZ LT92	1195	595	40	6695	51,4	130	80+	3000	6,50
Corona D LED2x5250 E815 T830 MPRZ LT92	1195	595	40	10042	77,0	130	80+	3000	6,50
Corona D LED1x1350 E801 T840 MPRZ LT92	595	295	40	1311	11,1	118	80+	4000	2,00
Corona D LED1x1800 E802 T840 MPRZ LT92	595	295	40	1779	15,4	115	80+	4000	2,00
Corona D LED1x2650 E803 T840 MPRZ LT92	595	295	40	2623	20,1	130	80+	4000	2,00
Corona D LED2x1350 E804 T840 MPRZ LT92	595	595	40	2623	20,1	130	80+	4000	3,50
Corona D LED2x1850 E805 T840 MPRZ LT92	595	595	40	3698	30,8	120	80+	4000	3,50
Corona D LED2x2650 E806 T840 MPRZ LT92	595	595	40	5246	38,9	135	80+	4000	3,50
Corona D LED3x1350 E807 T840 MPRZ LT92	595	595	40	3934	29,5	133	80+	4000	3,50
Corona D LED3x1800 E808 T840 MPRZ LT92	595	595	40	5336	43,3	123	80+	4000	3,50
Corona D LED3x2650 E809 T840 MPRZ LT92	595	595	40	7869	57,8	136	80+	4000	3,50
Corona D LED1x2600 E810 T840 MPRZ LT92	1195	295	40	2570	18,6	138	80+	4000	3,50
Corona D LED1x3500 E811 T840 MPRZ LT92	1195	295	40	3497	26,3	133	80+	4000	3,50
Corona D LED1x5250 E812 T840 MPRZ LT92	1195	295	40	5246	38,9	135	80+	4000	3,50
Corona D LED2x2600 E813 T840 MPRZ LT92	1195	595	40	5140	36,0	143	80+	4000	6,50
Corona D LED2x3500 E814 T840 MPRZ LT92	1195	595	40	6994	51,4	136	80+	4000	6,50
Corona D LED2x5250 E815 T840 MPRZ LT92	1195	595	40	10492	77,0	136	80+	4000	6,50
Corona D LED2x1350 E816 T830 MPRZ LT92 W625	622	622	40	2623	20,1	130	80+	3000	3,50
Corona D LED2x1850 E817 T830 MPRZ LT92 W625	622	622	40	3698	30,8	120	80+	3000	3,50
Corona D LED2x2650 E818 T830 MPRZ LT92 W625	622	622	40	5246	38,9	135	80+	3000	3,50
Corona D LED1x2600 E819 T830 MPRZ LT92 W625	1246	310	40	2570	18,6	138	80+	3000	3,50
Corona D LED1x3500 E820 T830 MPRZ LT92 W625	1246	310	40	3497	26,3	133	80+	3000	3,50
Corona D LED1x5250 E821 T830 MPRZ LT92 W625	1246	310	40	5246	38,9	135	80+	3000	3,50
Corona D LED2x1350 E816 T840 MPRZ LT92 W625	622	622	40	2623	20,1	130	80+	4000	3,50
Corona D LED2x1850 E817 T840 MPRZ LT92 W625	622	622	40	3698	30,8	120	80+	4000	3,50
Corona D LED2x2650 E818 T840 MPRZ LT92 W625	622	622	40	5246	38,9	135	80+	4000	3,50
Corona D LED1x2600 E819 T840 MPRZ LT92 W625	1246	310	40	2570	18,6	138	80+	4000	3,50
Corona D LED1x3500 E820 T840 MPRZ LT92 W625	1246	310	40	3497	26,3	133	80+	4000	3,50
Corona D LED1x5250 E821 T840 MPRZ LT92 W625	1246	310	40	5246	38,9	135	80+	4000	3,50

\* tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C

**Available options:**

SDIM	Driver with switch-control dimming
DALI	Driver with DALI interface
EAIR	Integrated smart sensor and driver with wireless communication and grouping possibilities (not applicable for models: E801, E802, E803)
ACT+	Integrated self-learning sensor and driver for lighting control
BLT	Integrated wireless control unit and driver for lighting control via mobile device (via Bluetooth)
TW	Integrated light source and driver for Tunable white control 2700-6500 K
BLT TW	Integrated light source, wireless control unit and driver for Tunable white control 2700-6500 K via mobile device (via Bluetooth)
DLIGHT	Integrated daylight sensor and dimming driver for simple setting of constant light level
COR	Driver with Corridor function (never off)
COR1min	Driver with Corridor function 1min (switch off after 1 min)
COR30min	Driver with Corridor function 30min (switch off after 30 min)
EM3	Emergency version 3 hours
EM3B	Emergency version 3 hours (best available technology)
EM3A	Emergency version equipped with an autonomous testing system, 3 hours
EM3D	Emergency version 3 hours with DALI interface
EM3LER	Emergency version 3 hours, lens - escape route
EM3LOA	Emergency version 3 hours, lens - open areas
1G	Strain relief for power supply cable
WIE3	3-pole "Wieland - gesis classic" type or compatible connector
WIE5D	5-pole DALI "Wieland - gesis classic" type or compatible connector
Schuko-1.5m	3-pole "Schuko" type plug with 3x1.0mm <sup>2</sup> 1.5m cable
Schuko-3.0m	3-pole "Schuko" type plug with 3x1.0mm <sup>2</sup> 3.0m cable
W625	Designed for the German market to fit 625x625 suspended ceiling
RAL	RAL colour
MPRZ LT92	Translucent micro-prismatic diffuser with high light transmittance
DPRZ	De-glaring micro-prismatic diffuser
T830	Colour temperature 3000K, CRI 80+
T840	Colour temperature 4000K, CRI 80+

## TECHNICAL DATA SHEET



### Available accessories:



Product: Recessed MTG FRAME S620x620 RAL9003  
Description: Frame for LED luminaire 595x595mm installation into plasterboard ceiling (1pcs), white steel



Product: Recessed MTG FRAME S320x1220 RAL9003  
Short description: Frame for LED luminaire 1195x295mm installation into plasterboard ceiling (1pcs), white steel

### Applications:

