

PRODUCT DATA SHEET

Sterilization Recessed Downlight Series

EVLN-DL-16W (Round)



Product Benefits

- Recessed downlight with sterilization effect
- Effective in sterilizing bacteria and fungus
- Non-flickering Light
- Non UV Light
- High Power Factor
- Instant 100 % light, no warm-up time
- Quick and simple replacement
- Two years warranty

Product Application

- Indoor general usage
- Industrial application
- Kitchen, Living Room, Washroom, Corridor
- Hospital and Clinic waiting area, washroom, consultation room, ward
- Restaurants, hotels, shopping centres, confinement centres, offices

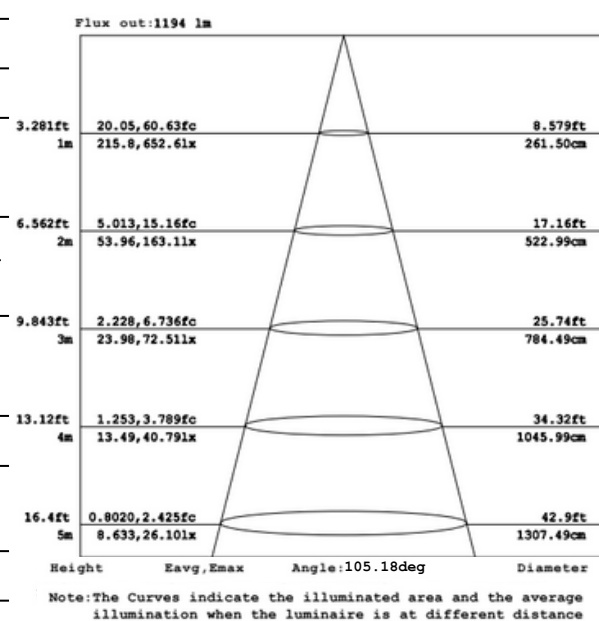
Product Features

- Lifetime: up to 50,000 h
- Mercury-free and RoHS compliant
- Uniform illumination
- Type of protection: IP20
- Aluminium Casing

TECHNICAL DATA

Electrical Data	Nominal Wattage	16 W
	Construction Wattage	16.00 W
	Nominal Voltage	100 - 277 V ~
	Nominal Current	80 mA
	Type of current	AC
	Operating Frequency	50~60Hz
	Mains Frequency	50~60Hz
	Power factor λ	>0.90

Photometrical Data	Luminous Flux	1523 lm
	Nominal useful flux 90°	1580 lm
	Luminous efficacy	>=90 lm/W
	Lumen main.fact.at end of nom.life time	0.80
	Light color (designation)	Warm white, Cool white, Daylight
	Color temperature	3000K, 4000K, 6000K
	Color rendering index Ra	>80



Light Technical Data	Beam Angle	120 °
	Starting Time	< 0.5 s

Dimensions & Weight	Diameter	130.00 mm
	Height	29 mm
	Product weight	0.247 kg

Temperatures & Operating Conditions	Ambient temperature range	-20°C~+ 45°C
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Lifespan	Number of switching cycles	100,000
	Lumen maintenance at end of service lifetime	0.80

TECHNICAL DATA

Additional Product Data	Base (standard designation)	Aluminium
	Mercury content	0.0mg
	Product remark	Technical parameters are applicable to the entire lamp. The typical values for LED parameters are statistical and may vary from the actual parameters of each product due to complexity of manufacturing process.

Capabilities	Dimmable	No
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Certificates & Standards	Energy efficiency class	A+ ¹⁾
	Type of protection	IP20

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country specific categorizations	Order reference	EVLN-DL-16WR-3kK EVLN-DL-16WR-4kK EVLN-DL-16WR-6kK
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Energy labelling regulation data acc. EU 2019/2015	Light source cap-type (or other electric interface)	Wire
	Length	100.00 mm
	Height	23.00mm
	Width	36.00mm

LOGISTICAL DATA

Product HS Code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight
8539.52.9000	36 pcs / Carton	486 mm x 368 mm x 383mm	15.00 KG

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

