

Interior lighting fixture

FINE ROUND LED



	EN IEC 60598	RoHS	IP54	IK10		-25°C÷..+35°C 0°C÷..+35°C (EM lighting)	WARRANTY 5 years	MAX 18W LED
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General specifications

Product name	FINE ROUND LED
Application Area	Interior lighting: – office buildings, schools, hospitals, libraries, waiting rooms, as well as for lighting sanitary installations.
Advantages	– Low energy consumption – Extended lifespan – Modern design – Reduced maintenance costs
Light source	LED
Colour temperature	4000
Colour rendering index (CRI)	≥80
Light distribution	symmetrical
Protection against dust and water (IP)	IP54
Mechanical impact protection (IK)	IK10
Operating temperature range	-25°C÷...+35°C 0°C÷...+35°C (EM lighting)
Warranty	5 years

Electrical specifications

Nominal voltage	230 Vac
Surge protection	2 kV
Frequency (Hz)	50-60 Hz
Power factor	≥0,95
Light source	Mid-power LEDs
LED lifetime	50.000 hours

Technical specifications

Housing	Translucent polycarbonate (PC), UV stabilized, impact-resistant
Diffuser	Translucent polycarbonate (PC), UV stabilized, impact-resistant
Sealing	Pure Polyurethane, with groove for foam-based body
Cable glands	Rubber (SBS)
Terminal block	Screwless, with five poles (basic version)
Rotating cover	Polyamide + 10% glass fiber
Color	White (RAL9003)

Variants upon request	– Upon request, the product can be equipped with LEDs with a color temperature ranging from 3000÷6500K, CRI≥80; – Equipped with a one-hour emergency lighting kit – Equipped with a driver with DALI dimming capability.
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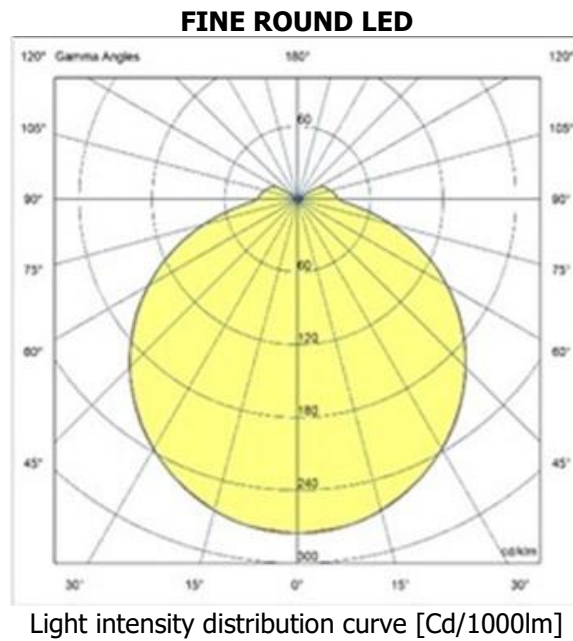
Mounting

– Surface-mounted, on ceiling or wall, using screws

Standards and certifications

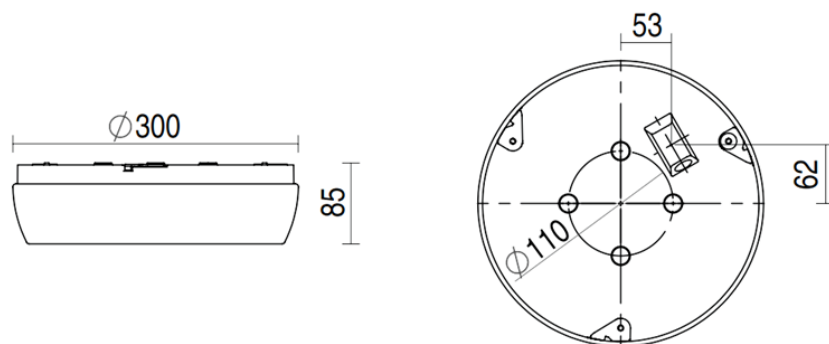
Standards	SR EN IEC 60598-1 SR EN IEC 60598-2-1
In compliance with European Directives:	
– Electromagnetic Compatibility Directive	
– Low Voltage Directive	
– RoHS Directive	
– WEEE Directive.	

Photometric data



Dimensional characteristics

FINE ROUND LED



Product type	L [mm]	D [mm]	H [mm]
FINE ROUND LED	ø300	ø110	85

Codes annex

Product type	Product code	Nominal voltage [V]	Active power [W]	Power factor	Protection degree	Degree of protection against electric shock	IK	Weight [Kg]	Total LED FLUX [lm]	Net luminous efficacy [lm/W]
FINE ROUND 1400÷ 2100LM 10÷16W 840	23419046	230	16	≥0.95	IP54	I	10	1	2100	131
FINE ROUND 1400÷2100LM 12÷18W 840 3H	23419049	230	18	≥0.95	IP54	I	10	1.2	2100	117

840= 4000K, CRI≥80;

3H= equipped with three hours emergency lighting kit;

The values are approximate and may be subject to change.

The tolerance of the initial flux and initial active power is ±10% of the specified value. These values are measured at an ambient temperature of 25°C unless another temperature is specified.

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