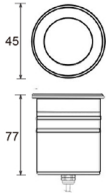


RINO



2W: Ø 45-77mm
4.5W: Ø 70-77mm

IEC 62717 LED-modules for general lighting – Performance requirements
 IEC 62722-2-1 Particular requirements for LED luminaires

High Lumen Efficacy 115lm/W

Body - Die cast aluminum housing with solvent free powder coating

Diffuser - PMMA polycarbonate pattern lens.

Glowing Wire Test - 850°

Temperature - $t_a=20\text{ °C} \sim t_a \text{ max}=50\text{ °C}$

Class - III

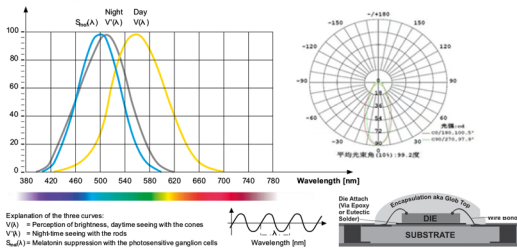
Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. The lamp body adopts high-pressure cast aluminum and aluminum alloy, the surface is coated with outdoor used powder, double anti-corrosion to extend service life. This lawn lamp series uses LED. High efficiency constant current driver, ensure the light source is maximum used.

FIELDS OF APPLICATION

garden - landscape - building - facade , etc...

Item No.	Wattage	Lumen	Color Temperature	IP	vollt	CRI	PF	Beam Angle
902402301RIN-IP67	2W	115lm/W	2700K-3000K- 4000K-6000K	IP67	24 V	90	0.9	10°
902404301RIN-IP67	4.5W	115lm/W	2700K-3000K- 4000K-6000K	IP67	24 V	90	0.9	10°

Relative spectral perception of brightness and melanic effect
 Effect as a percentage



Technical Details

Light Sour	UP light
Driver	on/off, Dimmable Phase dimming, 1-10, Dalı
Voltage	-----
Life Span	35000Hr
Temperature	$t_a=20\text{ °C}-50\text{ °C}$
Diffuser	-----

Product Details

Finish	Silver
Material	SS316 frame Die cast aluminium body.
Application	-----
Warranty	3 YEARS
Class	-----

LED life time		Operating time 1,000 h											
Lamp Lumen Maintenance Factor	1	10	20	30	40	50	60	70	80	90	100		
Lamp Survival Factor	1	1	1	1	1	1	1	1	0.99	0.99	0.99		
L80	50,000 h	LLMF	1	0.96	0.92	0.88	0.84	0.80	0.76	0.72	0.68	0.64	0.60
		LSF	1	1	1	1	1	1	0.99	0.99	0.99	0.99	0.98
L80	100,000 h	LLMF	1	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.82	0.80
		LSF	1	1	1	1	1	1	1	0.99	0.99	0.99	0.99



LED series wiring

