

LED DOWN LIGHT LUAN



The Luan LED Downlight Series is designed to provide efficient, comfortable, and high-quality illumination for modern interior spaces. Its advanced Fresnel lens technology delivers excellent luminous efficiency while reducing glare for enhanced visual comfort. The durable die-cast aluminium housing ensures effective heat dissipation and reliable long-term performance. Available in multiple sizes, wattages, beam angles, and CCT options, it offers excellent flexibility for different lighting requirements. Various reflector finishes allow the fixture to complement a wide range of architectural and interior designs.

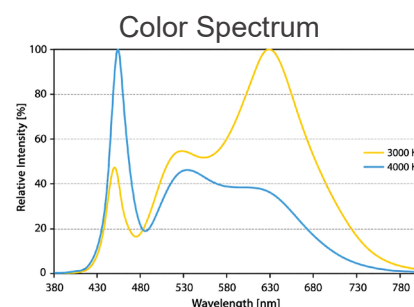


PRODUCT ADVANTAGES AND FEATURES

- ◆ High luminous efficacy up to approximately 135 lm/W for energy-efficient lighting performance.
- ◆ Low-glare design with UGR <19 options for improved visual comfort.
- ◆ Advanced Fresnel lens technology for smooth and controlled light distribution.
- ◆ Durable die-cast aluminium housing with excellent thermal dissipation.
- ◆ Multiple CCT options, including selectable 3000K / 4000K / 6500K versions.
- ◆ Optional IP54 front-side protection for increased resistance to moisture and dust.
- ◆ Flexible dimming options, including Triac, DALI, 0-10V, and Push Dim, with multiple reflector finishes available.

Products parameter

Product Name : LED DOWN LIGHT LUAN	
Electric Data	Model Number : R852510
	Power : 10W
	Driver : EAGLERISE
	Input : AC 220-240V, 50/60Hz
	Power factor : $Pf > 0.5 / > 0.9$
	Driver Options : On/Off / 0-10V / Dalí / Triac Dimmer
	UGR : <19
Photometric Specifications	Light Source: SMD LED
	Lumen Efficiency ($\pm 5\%$) : 110lm-135lm/W
	Colour Temperature : 3000k-4000k-6500k
	Colour Rendering Index : CRI>90
Mechanical Specifications	Beam angle : 50°/55°/60°
	Housing material : Die-casting Aluminium
	Optical System : Reflector + Fresnel lens
	Lightning protection : 1.5-4KV
	Protection class : IP54
	Reflector Finishes : Bright black / Bright silver / Matt white
	Life time : 50000h (L80/B10)
	Type Shapes : Round



220-240V 50/60Hz	Angle 55°/60°	50000Hr Long Life	SMD LED
UGR<19	$Pf > 0.90$	PMMA	IP54
3CCT	3000K $Ra \geq 90$	4000K $Ra \geq 90$	6500K $Ra \geq 90$

LED Chips

OSRAM	San'an	CREE	PHILIPS
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LED Drivers

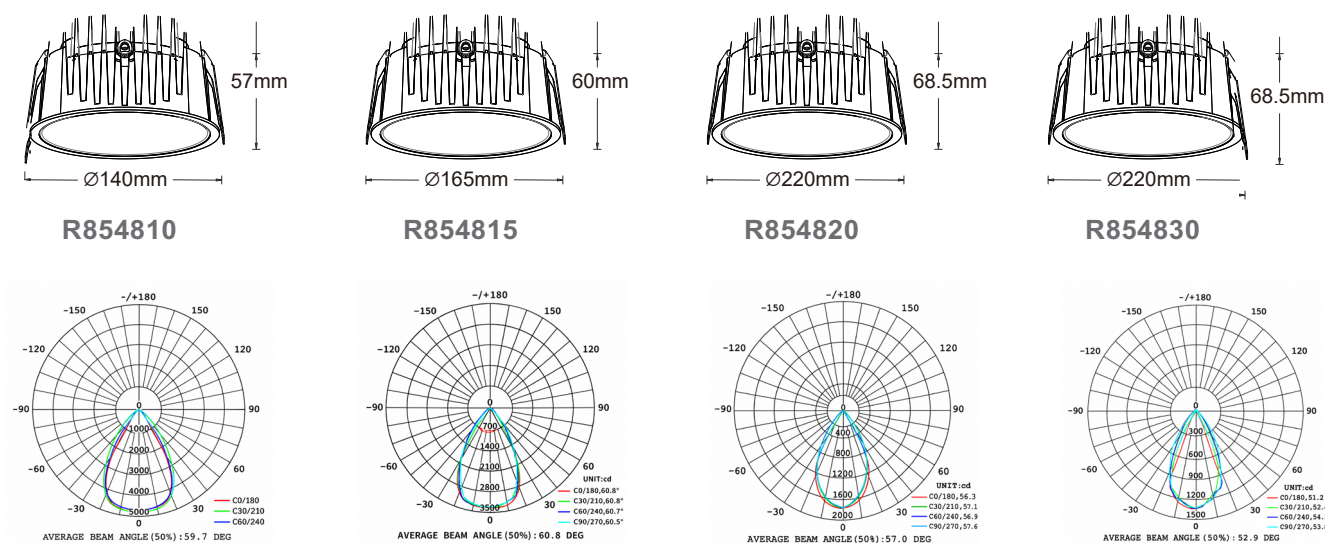
ROCHLUX	LIFUD	PHILIPS	EAGLERISE
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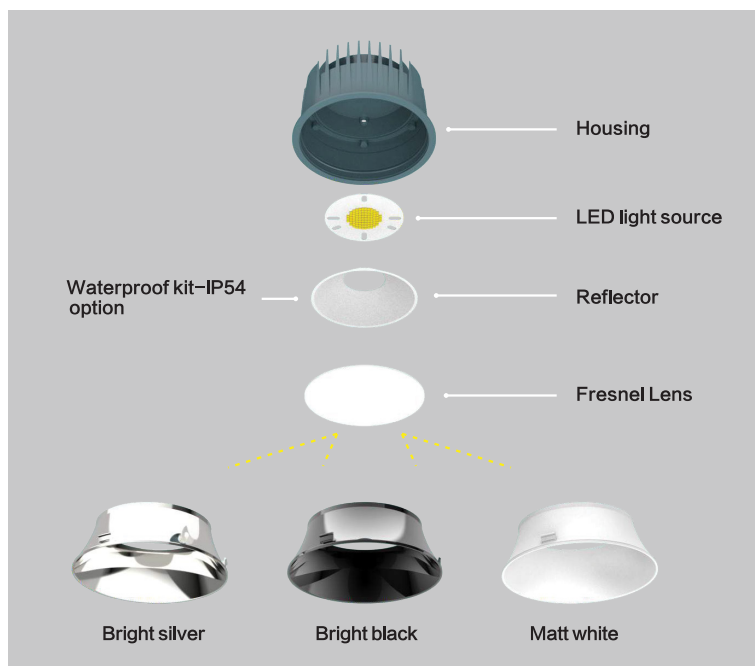
Technical Parameter

Model Number	Power	Driver	Input	Lumens	Color Temperature	Beam Angle	Protection Class	Product Size (mm)	CutOut (mm)
R854810	10W	EAGLE RISE	AC220-240V 50/60 HZ	1100Lm	3K/ 4K/ 6.5K	50°	IP54	Ø140xH57	Ø125
R854815	15W	EAGLE RISE	AC220-240V 50/60 HZ	1875Lm	3K/ 4K/ 6.5K	55°	IP54	Ø165xH60	Ø150
R854820	20W	EAGLE RISE	AC220-240V 50/60 HZ	2500Lm	3K/ 4K/ 6.5K	60°	IP54	Ø220xH68.5	Ø200
R854830	30W	EAGLE RISE	AC220-240V 50/60 HZ	4050Lm	3K/ 4K/ 6.5K	60°	IP54	Ø220xH68.5	Ø200

Product Dimensions



Product Structure Diagram



UGR < 19 | MICRO NANO OPTICAL LENS

