

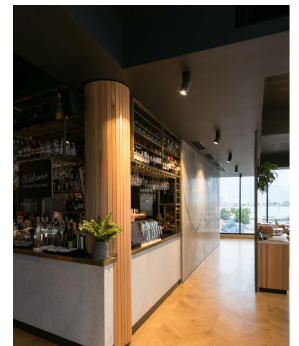


SURFACE MOUNTED SPOT LIGHT BOX

A rotatable, surface-mounted LED downlight is an energy-efficient lighting fixture that attaches directly to a ceiling or wall, eliminating the need for recessed wiring. Its key feature is the ability to rotate and pivot, allowing the user to direct light where it's needed for accent lighting, task lighting, or general illumination. These fixtures are durable, long-lasting, and come in various styles, making them a versatile and modern lighting solution for both residential and commercial spaces.

PRODUCT ADVANTAGES AND FEATURES

- ◆ Surface-mounted design: Unlike recessed lights, these mount directly on the surface, making them ideal for ceilings that cannot be cut or for areas with existing imperfections that need to be hidden.
 - ◆ Rotatable head: The light source can be rotated and tilted, often up to (350°) horizontally and (90°) vertically, to focus light on specific areas or objects like artwork or architectural features.
 - ◆ Energy efficiency: LED technology consumes significantly less energy than traditional incandescent or halogen bulbs, leading to lower electricity bills and a longer lifespan (often over 30,000 to 50,000 hours).
 - ◆ Easy installation: The surface mount and integrated driver (no separate transformer needed) can simplify installation, especially in retrofitting projects.
- Versatile applications: Used in living rooms, kitchens, bedrooms, hallways, offices, and showrooms for both general and accent lighting.



Products parameter

	Product Name :	SURFACE MOUNTED SPOT LIGHT BOX R-TC200
	Model Number :	R849212
	Power :	12W
	Driver :	Euchips
Electric Data	Input :	AC220-240V , 50 /60 HZ
	Power factor :	Pf>0.95
	Driver Options :	On/Off /0-10V / Dali / Tridonic / Triac Dimmer/ Zigbee
	Power Efficiency :	92%
	LED Chip Current :	300mA
	LED Chip Voltage :	36VDC
	Light source :	COB LED
	COB Brand	CREE
Photometric Specifications	Lumen Efficiency (±10%)	80lm/W
	Colour Temperature :	2700K-3500k-4000k-5000K-6500k
	Colour Rendering Index :	CRI>90
	Beam angle :	15°/25°/35°/50°
	SDCM :	<3
	UGR :	<19
	Temperature range :	20-45°C
Mechanical Specifications	Housing material :	Die-casting Aluminium
	Protection class :	IP40
	Optics color :	White, Black
	Finish Color	Black RAL9004/WhiteRAL9016
	Life time :	L80 B50 @50,000
	Installation :	Surface Mounted
	Sizes in :	D60mmxH180mm



 AC220-240V 50-60Hz	 Angle 15°/25°/35°/50°	 50000Hr Long Life	 960Lm
 Flicker Free	 Pf>0.95	 UGR <19	 IP40
 3CCT	 3000K Ra≥90	 4000K Ra≥90	 6000K Ra≥90

LED Chips

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LED Drivers

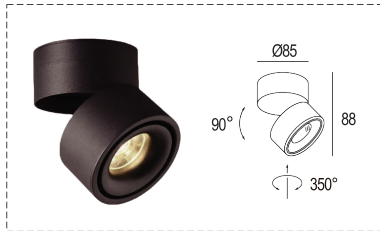
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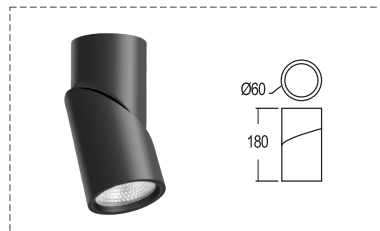
Technical Parameter

Model Number	Item Code	Power	LED Current	Lumen (±5%)	Input	Color Rendering Index	Beam Angle	Dim	Protection Class	SIZE (in mm)
R849312	R-TB001L	12W	300mA	850lm	AC220-240V 50/60 HZ	CRI≥90 CRI>97	10° 20° 30°	TRIAC DALI 0/1-10V	IP40	H88x Ø85
R849412	R-TC200	12W	300mA	850lm	AC220-240V 50/60 HZ	CRI≥90 CRI>97	15° 25° 35° 50°	TRIAC DALI 0/1-10V	IP40	H88x Ø85
R849212	R-TB001	12W	300mA	850lm	AC220-240V 50/60 HZ	CRI≥90 CRI≥97	10° 20° 30°	TRIAC DALI 0/1-10V	IP40	H180x Ø60
R849220	R-TC201	20W	500mA	1660lm	AC220-240V 50/60 HZ	CRI≥90 CRI>97	15° 25° 35° 50°	TRIAC DALI 0/1-10V	IP40	H205x Ø75

R849312



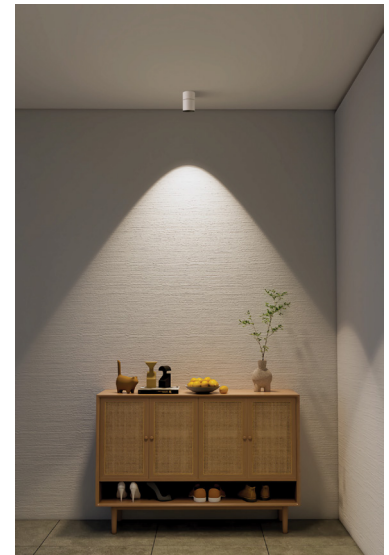
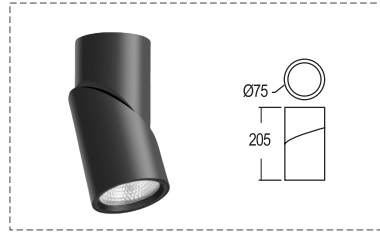
R849212



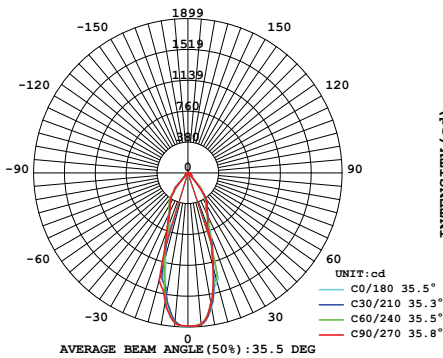
R849412



R849220



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