

LED PANEL LIGHT HORIZON



LED Slim HORIZON panel lights with 12W, 18W, and 24W wattages are modern, energy-efficient indoor lighting solutions that provide uniform illumination for various spaces. They are popular for their slim, sleek design, which makes them suitable for both recessed and surface-mounted installations. Key features include different color temperature options (3000K), (4000K), and (6000K), long lifespans, and durable construction using materials like polycarbonate.

PRODUCT ADVANTAGES AND FEATURES

- ◆ Wattage and Brightness: Available in 12W, 18W, and 24W, with higher wattages producing more light to suit different room sizes and needs.
- ◆ Design: Their slim and ultra-thin profile is ideal for areas with limited ceiling space and offers a modern aesthetic.
- ◆ Installation: Designed for easy installation, they can be recessed into the ceiling or surface-mounted.
- ◆ Color Temperature: Many models come with customizable color temperatures, allowing users to choose between warm white (3000K), cool white (4000K), or daylight (6000K) to create a desired ambiance.
- ◆ Energy Efficiency: These LED panels are energy-saving and consume less power than traditional lighting, with some models achieving high luminous efficacy.



Products parameter

Electric Data	Product Name :	HORIZON PANEL LIGHT		
	Model Number :	R848112	R848118	R848124
	Power :	12W	18W	24W
	Driver :	ROCHLUX		
	Input :	AC185-265V , 50 /60 HZ		
	Power factor :	P _f >0.8		
	Driver Options :	On/Off /0-10V/ Dali /Zigbee /Triac Dimmer		
	Power Efficiency :	92%		
Photometric Specifications	Light source :	SMD		
	Lumen Efficiency (±5%)	104lm/W		
	Colour Temperture :	3000k - 4000k - 6000k		
	Colour Rendering Index :	CRI>90		
	Beam angle :	120°		
Mechanical Specifications	Temperature range :	-20-55°C		
	Housing material :	Polycarbonate		
	Lighning protection :	1.5-4KV		
	Protection class :	IP44		
	Body color :	White		
	Life time :	>30000h		
	Type Shapes :	Round		



85-265V 50-60Hz	Angle 120°	104Lm/W	3000Hr Long Life
House icon	SMD LED	P _f >0.8	IP44

3CCT	3000K Ra≥90	4000K Ra≥90	6000K Ra≥90
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LED Chips

OSRAM	San'an	CREE	bridgelux
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LED Drivers

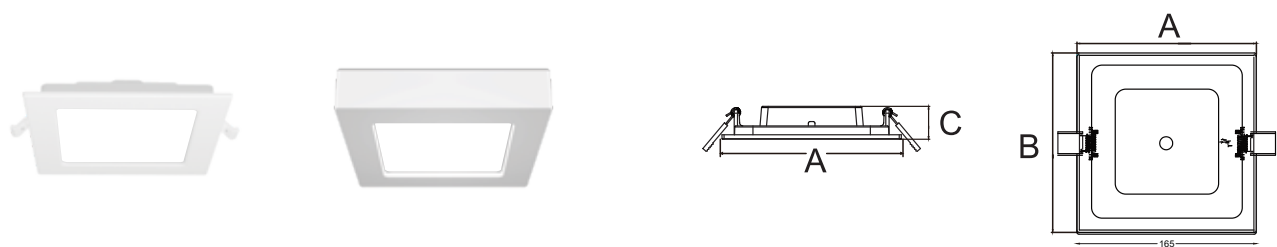
ROCHLUX	LIFUD	PHILIPS	EAGLE RISE
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HORIZON Round Slim LED Down Light with SMD LED and internal driver. Both Recessed (32mm) and Suraced Mounted(35mm) versions are available. Waterproof can upgrade to IP44. CCT Changeable by dip switch.

Model No.	Size (A*Bmm)	Cutout (mm)	Power (W)	Flux (LM)	FLUX(LM) Module	Voltage (V)	PF	IP	CRI	Beam Angle	Energy Class
RP-3-6W	Φ 115*32	Φ 100-110	6	390	525	185-265	≥0.7	IP20/IP44	80	120°	F
RP-5-12W	Φ 170*32	Φ 150-160	12	900	1190	185-265	≥0.7	IP20/IP44	80	120°	F
RP-7-18W	Φ 220*32	Φ 200-210	18	1350	1880	185-265	≥0.8	IP20/IP44	80	120°	F
RP-8-20W	Φ 240*32	Φ 220-230	20	1500	2106	185-265	≥0.8	IP20/IP44	80	120°	F
RP-8-24W	Φ 240*32	Φ 220-230	24	2050	2560	185-265	≥0.8	IP20/IP44	80	120°	F
RC-3-6W	Φ 122*35	/	6	390	525	185-265	≥0.7	IP20/IP44	80	120°	F
RC-5-12W	Φ 176.5*35	/	12	900	1190	185-265	≥0.7	IP20/IP44	80	120°	F
RC-7-18W	Φ 226*35	/	18	1350	1880	185-265	≥0.8	IP20/IP44	80	120°	F
RC-8-20W	Φ 246.5*35	/	20	1500	2106	185-265	≥0.8	IP20/IP44	80	120°	F
RC-8-24W	Φ 246.5*35	/	24	2050	2560	185-265	≥0.8	IP20/IP44	80	120°	F



HORIZON Square Slim LED Down Light with SMD LED and internal driver. Both Recessed (32mm) and Suraced Mounted(35mm) versions are available. Waterproof can upgrade to IP44. CCT Changeable by dip switch.

Model No.	Size (A*Bmm)	Cutout (mm)	Power (W)	Flux (LM)	FLUX(LM) Module	Voltage (V)	PF	IP	CRI	Beam Angle	Energy Class
SP-3-6W	115*115*32	□ 100-110	6	390	525	185-265	≥0.7	IP20/IP44	80	120°	F
SP-5-12W	165*165*32	□ 150-160	12	900	1190	185-265	≥0.7	IP20/IP44	80	120°	F
SP-7-18W	220*220*32	□ 200-210	18	1350	1880	185-265	≥0.8	IP20/IP44	80	120°	F
SP-7-20W	220*220*32	□ 200-210	20	1500	2106	185-265	≥0.8	IP20/IP44	80	120°	F
SP-7-24W	220*220*32	□ 200-210	24	2050	2560	185-265	≥0.8	IP20/IP44	80	120°	F
SC-3-6W	122*122*35	/	6	390	525	185-265	≥0.7	IP20/IP44	80	120°	F
SC-5-12W	172*172*35	/	12	900	1190	185-265	≥0.7	IP20/IP44	80	120°	F
SC-7-18W	227*227*35	/	18	1350	1880	185-265	≥0.8	IP20/IP44	80	120°	F
SC-7-20W	227*227*35	/	20	1500	2106	185-265	≥0.8	IP20/IP44	80	120°	F
SC-7-24W	227*227*35	/	24	2050	2560	185-265	≥0.8	IP20/IP44	80	120°	F

1. 2-in-1 design, it can be installed on the surface mounting or recessed



Recessed

Surfaced

2. Various function, including CCT change+ Power Adjustable by dip switch



3. Use 100% PC material to achieve high quality, with 3-years warranty



4. square and round module , basic color white and black



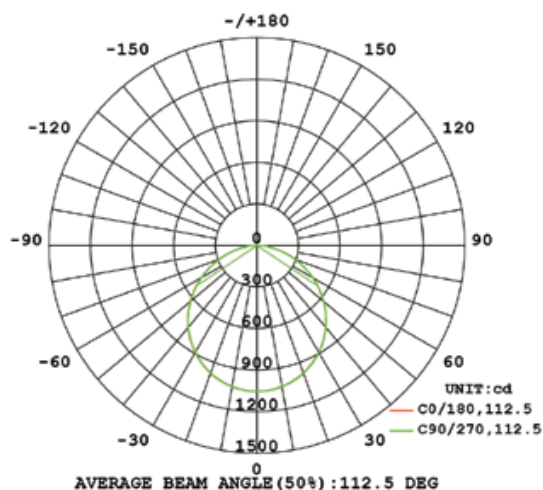
IES Statement

LUMINAIRE PHOTOMETRIC TEST REPORT

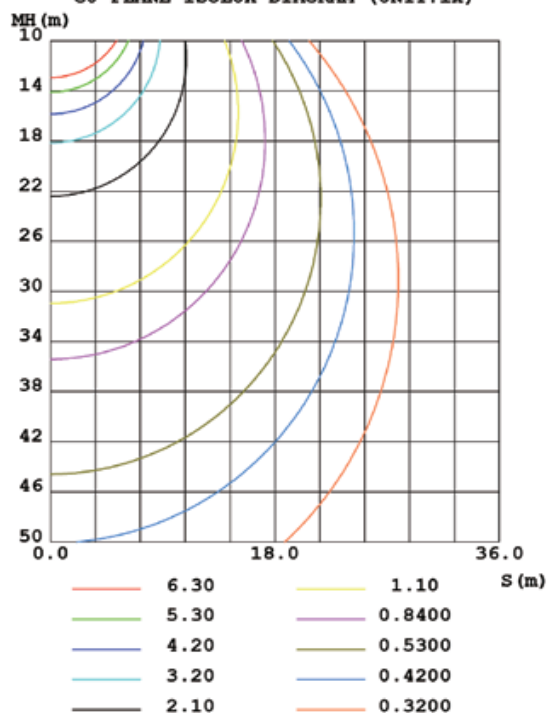
Test:U:230.95V I:0.1243A P:26.829W PF:0.9347 Freq:49.99Hz Lamp Flux:3042.49x1 lm		
NAME: 一代超薄面板灯	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: TOPJET	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 113.40 lm/W
MODEL		Imax(cd)	1054	S/MH(C0/180)	1.26	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3042.5	η UP,DN(C0-180)	0.3,49.7	
NOMINAL FLUX(lm)	3042.49	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,49.6	
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	η down(%)	99.3	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:QC
Test Date:2025-04-15

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:8.120m [K=1.0000]
Remarks: