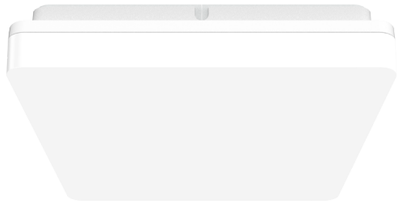
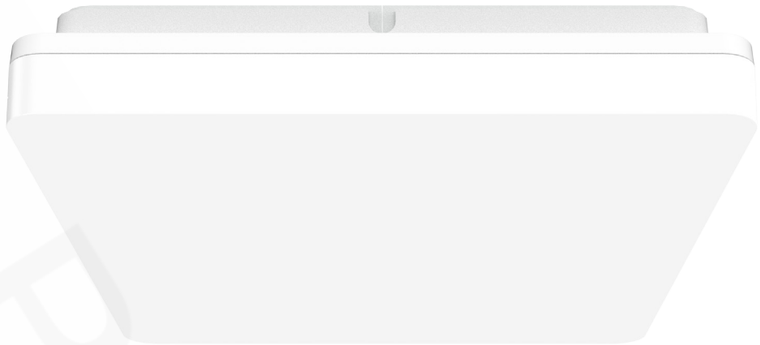
Entry / ECO | Standard / STD | Professional / PRO | ODM & OEM | Intelligent / INT

SMART

LEDPRO





LEDPRO SMART Ceiling Light

SMPC54-W Series

INT

Intelligent

WIFI Smart Lighting TUNABLE WHITE

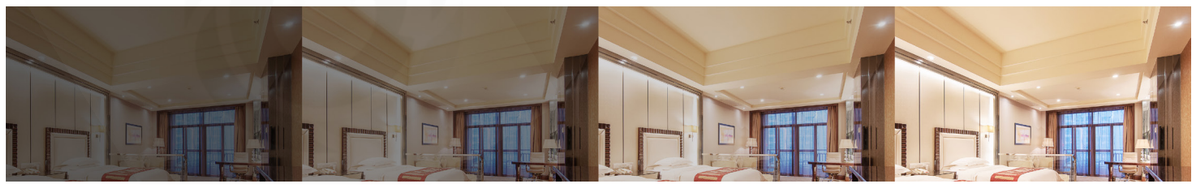
LEDPRO Smart

SMART function description

- Adjustable colours for selection
- Control it remotely via voice or smartphone App
- Freely select any lighting scenes
- Energy saving achieved with programmable scheduling function

3000K~5700K Changeable

Creating fantastic atmosphere by flexible CCT changing between warm white, natural white and day light, the color changing items are controlled by remote controller, wall touch switch or smart phone APP and google home, Amazon Echo.



1%~100% Dimmable

Dimmable from 1%~100% brightness with timing and night lamp function, diversified scene setting, creating a humanized smart control system.

Introduction

This ceiling light adopts wireless SMART intelligence control, it is a super slim design. High lumen SMD LED and lighter weight fire-rated material to ensure better heat resistance and corrosion resistance. The color is adjustable within 3000K~5700K with smartphone.

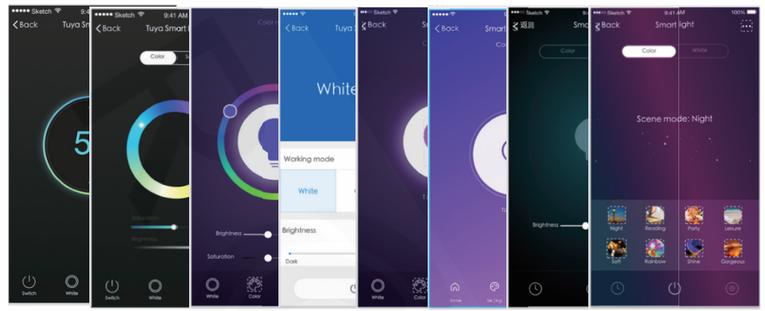
LEDPRO SMART
SMPC54 SMART function description
SMART wireless intelligent solution can realize remote control of lamps, it supports third party control such as Amazon-ALEXA, GOOGLE Assistant, IFTTT, ROKID, Tmall Genie etc., It also supports self-selected software to control interface style; Alibaba Cloud and Amazon Cloud's information security conform to GDPR(EU General Data Protection Regulations) and cloud security standard ISO27001 ISO27001 ISO27017 ISO27018. Adjustable CCT and brightness through smartphone to meet various application's requirement.

Features

- Integrated SMD LED ceiling light
- A perfect alternative to traditional wall or ceiling mounted luminaries
- Looping from luminaries to luminaries with mains through-wiring.
- IP54 protection at room side, suitable for bathrooms, kitchens
- Adjustable CCT 3000K~5700K with smartphone
- High lumen efficiency
- Good heat dissipating to ensure long life.
- Internal Driver

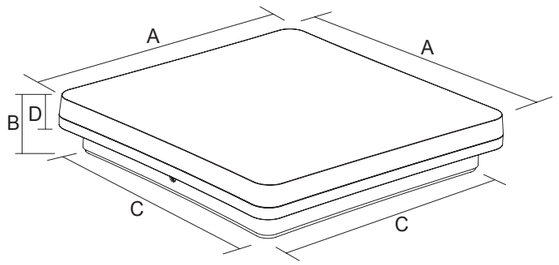
Application Areas

It is designed for general lighting applications in office, supermarket, shop, school, hotel, etc. It is also widely used for public areas, such as stairway, lobby, reception, corridors etc



There is a wide selection of App templates or you could configure your App freely

Lights sync with music and lighting mode automatically changes based on sound



IP54

PF 0.9

CRI ≥80

Technical Data Sheet

Code No.			SMPC54-12-18W-W	SMPC54-12-25W-W	SMPC54-16-25W-W	SMPC54-16-30W-W
Dimension(mm)			300*300*58mm	300*300*58mm	400*400*63mm	400*400*63mm
Cutout (mm)			–	–	–	–
Watt(W)			18W	25W	25W	30W
Rated Input Voltage(V)			AC230V			
Input Voltage(V)			AC200–240V			
LED Module Input			–			
Light Source			SMD			
SDCM			–			
CCT(K)			3000K～5700K			
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	–	–	–	–
	DIM		–	–	–	–
	Non-DIM	3-CCT	–	–	–	–
	DIM		1710～1890	2450～2600	2400～2590	2800～3480
CRI			80			
Beam Angle (°)			120°			
UGR			–			
LED Driver			Built-in			
Dimming Option			APP			
Sensor			–			
Emergency Kits			–			
Electrical Class			Class Ⅱ			
Ingress Protection (IP Rating)			IP54			
Impact Resistance (IK Rating)			IK10			
Product Finishing(Base)			White RAL 9016			
Materials of Optics			PC-94V2			
Materials of Housing			PC-94V0			
Lifetime (hr)			50000h			
Glow wire test (℃)			750℃ (Cover) 850℃ (Lamp Base)			
Operating Temp. (℃)			-20℃ ~45℃			
Storage Temp. (℃)			-20℃ ~65℃			
Installation			Surface mounted			

Measurement

Code	Dimension(mm)				Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
C54-12-18W	300	58	271	36	300*300*58	1.12	1.25	12.5	13.7	73*33*33	10	3450	8400
C54-16-30W	400	63	363	40	400*400*63	1.84	2.15	18.4	23	79*43*43	10	1900	4600

Driver Datasheet

Total load wattage		18W	25W	30W
Output	Output Voltage range	DC62-74V		
	Rated output current	225mA±5%	310mA±5%	390mA±5%
	Line Regulation	±5%		
	Setup, Rise Time	0.5S		
	Flickering Index	≤10%		
Input	Input Voltage	AC200-240V		
	Rated Input Voltage(V)	AC230V		
	Frequency	50Hz		
	Input Current	≤0.1A	≤0.14A	≤0.17A
	Rated Input Current	0.09A	0.12A	0.15A
	Power Factor	≥0.9	≥0.9	≥0.9
	THD	–	<20% @230V	
	Efficiency	≥84%		
	No load wattage	0.5W		
Protection	Short circuit protection	Pass		
	Over voltage protection	Pass		
	Over temperature protection	Pass		
Safety &EMC	Withstand voltage	I/P-FG:1.6KVac,<5mA 60S		
	Isolation Resistance	–		
	Surge	IEC61000-4-5(L-N:0.5KV,)	IEC61000-4-5(L-N:1KV,)	
	EMC Emission	EN55015, EN61000-3-2		
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547		

Installation Procedure

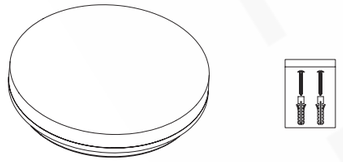
WARNING

1.Switch off before installation / maintenance.
2.Switch on only after complete installation and examination of the circuit.
3.Professional electrician for installation and maintenance only.

Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

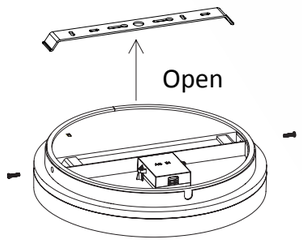
Recessed Installation

Step 1



Take out ceiling light and accessory pack from box.

Step 2



Remove screw, take out bracket.

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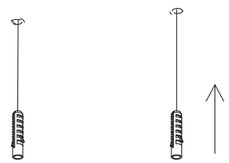
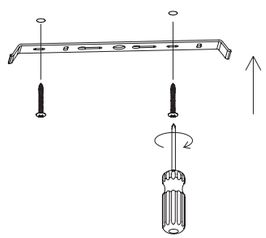
Step 3



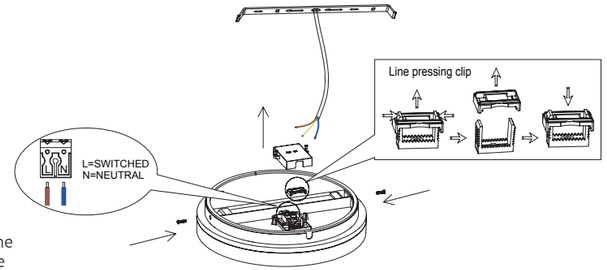
Knock-in the plastic anchor into ceiling.

Step 4



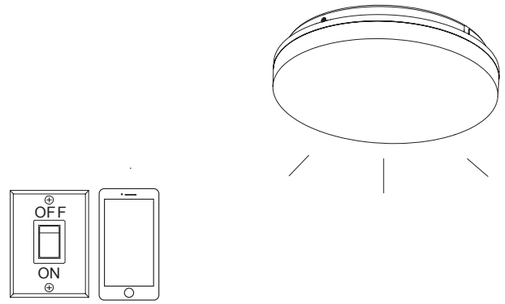
Fix bracket with screw into the ceiling.

Step 5



Put the main AC wire through line pressing clip,feed the L.N to the fast connection terminal block respectively then compress the line pressing clip.

Step 6



Switch on