LED Downlight Light- Commercial Options

Due to the environmental protection policy, now many customers are seeking to replaceable luminaires for their house, offices, hotels, etc., so the modular design of lighting products are become more and more popular in the market. Rayven team just launch a new range LED Modular Design Downlight, which with 3 size of LED module, and come with different design of bezel: Round / Square, and different cutout size of bezels to cover all the market needed.
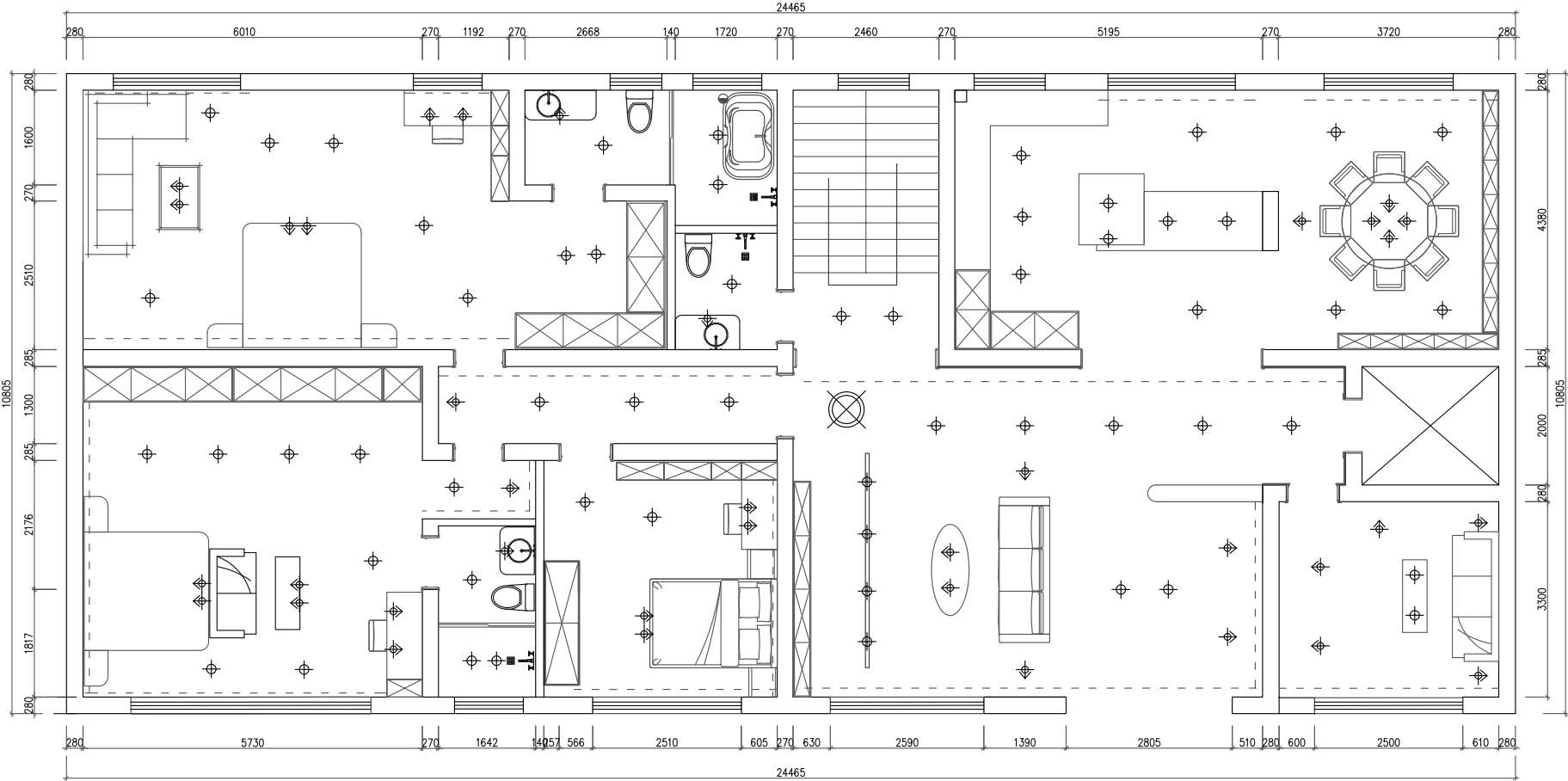
For these range of commercial downlight, they can come with standard single power, or with twin power supply, single color temperature and color temperature changeable, up to 120lm/W, CRI>90, SDCM<3, with 5 years warranty.

Moreover, with Rayven drivers can offer professional DALI 2.0 control, 0-10V Dimming, Triac Dimming, as well as Smart controlled by Zigbee, WiFi & Bluetooth.

DALI+ builds on the proven and sophisticated DALI lighting-control features in wired (DALI-2 and D4i) options, and offers access to the same rich set of data from control gear, luminaires and sensors. DALI+ devices communicate using existing DALI commands, but these are carried over a wireless and/or IP-based medium rather than the dedicated pair of wires used by DALI-2 and D4i.
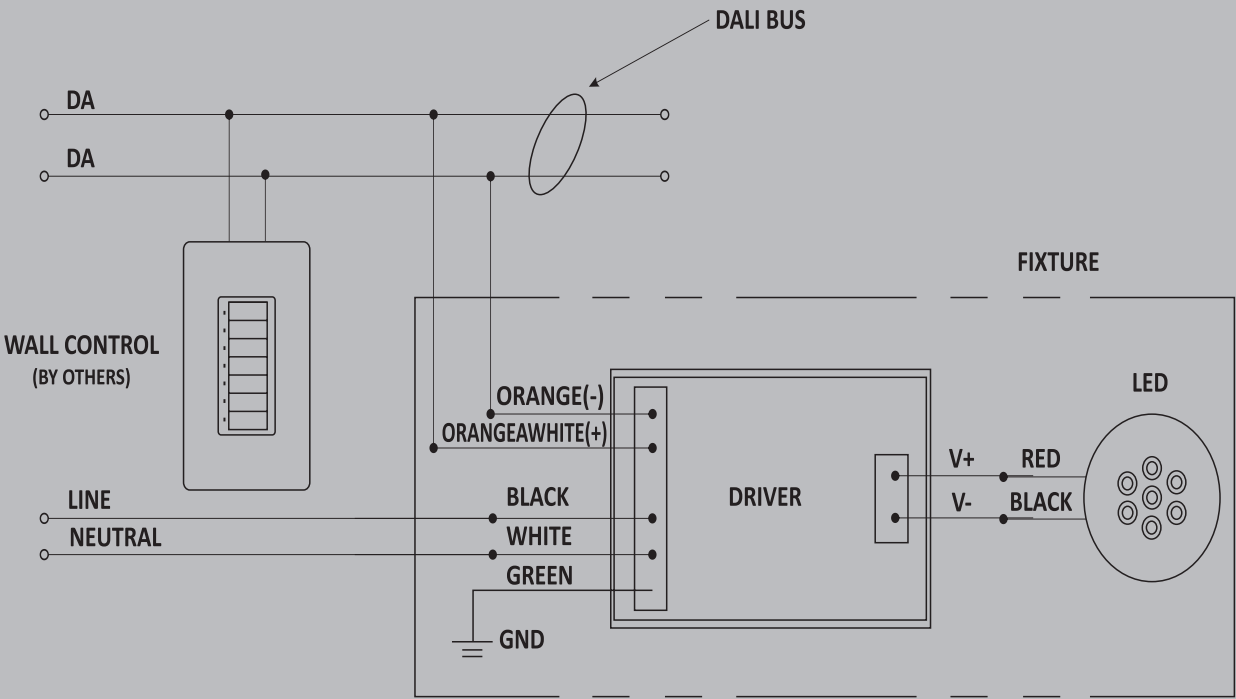
The DALI Alliance operates the DALI-2 and D4i certification programs to boost levels of cross-vendor interoperability. As lighting continues to evolve and converge with the IoT, the consortium says it is also driving the standardization of wireless and IP-based connectivity solutions.

In support of the technology's advancement, the DALI Alliance has published a new DiiA Specification, which supports DALI+ across different carriers and will lead to certification of interoperable DALI+ devices. The first certification program will be DALI+ with Thread, a low-power, IP-based, wireless-mesh networking protocol.
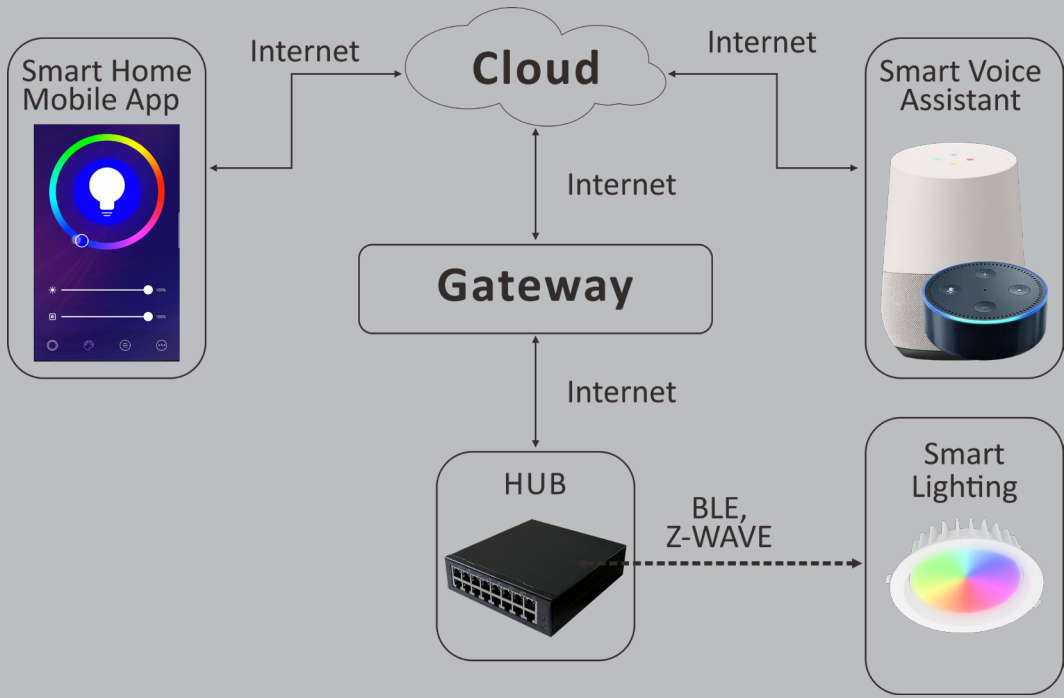

DALI 2.0
All the range of LED downlights can come with DALI 2.0 control, we can offer DALI DT6 & DT8 dimming driver solutions.
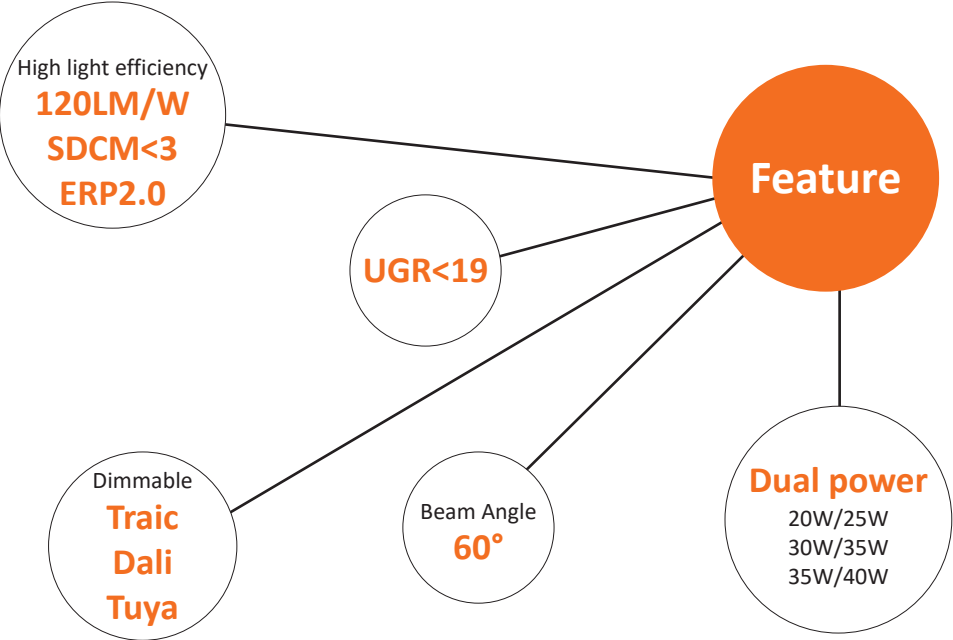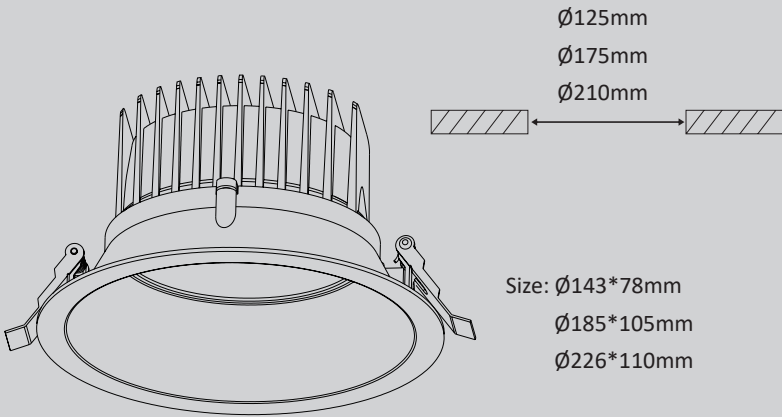

Smart Control
Since Tuya Smart Control now is more and more popular in the market, of course for these LED ceiling lights also can be made into Smart Control, such as Zigbee, WiFi & Bluetooth, just to replace a Rayven Smart Driver to control on the Dimming, Color changing, group control and smart scene, etc., just to offer a Smart-Life to you.
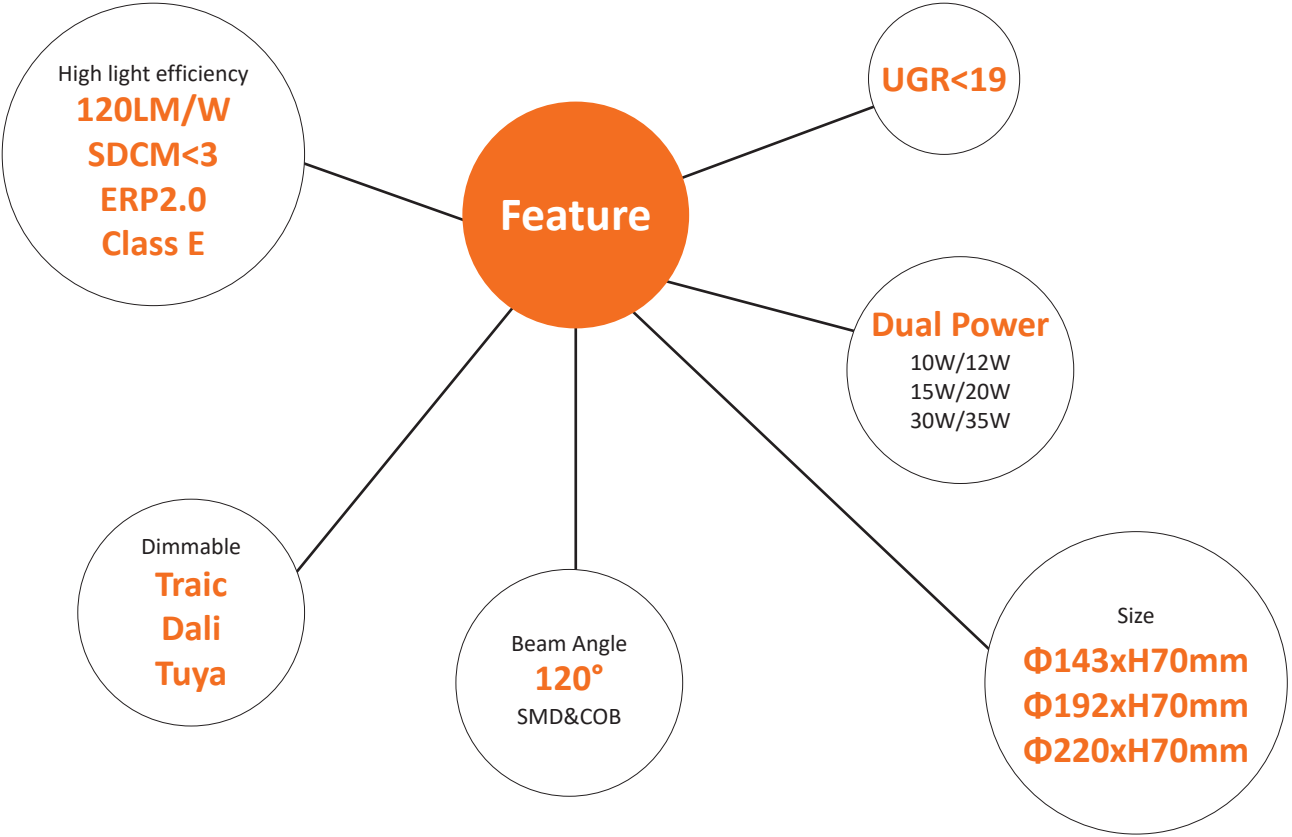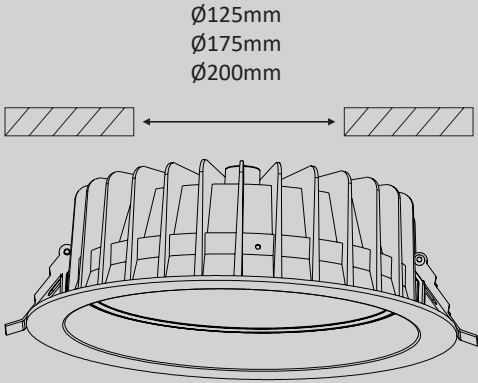
F Series Antiglare light UGR<19

IP54

RoHS COMPLIANT

UK CA

Dimming

0-10V

DALI

Feature

High light efficiency
120LM/W
SDCM<3
ERP2.0

UGR<19

Dimmable
Traic
Dali
Tuya

Beam Angle
60°

Dual power
20W/25W
30W/35W
35W/40W

Model	RAV12DLF41	RAV20DLF61	RAV30DLF81	RAV40DLF81
Power	10W/ 12W	20W/ 25W	30W/35W	35W/ 40W
Lumen	120LM/W			
Beam angle	60°			
CCT Change	3000K/4000K/5000K			
CRI	Ra>90			
UGR	<19(2H)			
SDCM	SDCM <3			
Lifespan	50,000hrs			
Voltage	220-240VAC			
Product size	Ø143*H78mm	Ø143*H78mm	Ø185*H105mm	Ø226*H110mm
Dimmable option	Triac Dim, DALI Dim, 0-10V Dim			
ERP 2.0	Yes			
IP-class	IP54			
IK-class	IK03			
Insulation Class	Class II			
Material	Aluminum			
Environment	Indoors			
Installation	Shopping malls, showcases, showrooms			
Warranty	3 years/5 years			
Approval	CE, SAA, ERP, UKCA			

Ø125mm
Ø175mm
Ø210mm

Size: Ø143*78mm
Ø185*105mm
Ø226*110mm

Low UGR Downlight

IP40

CE

RoHS COMPLIANT

UKCA

Dimming

0-10V

DALI 2

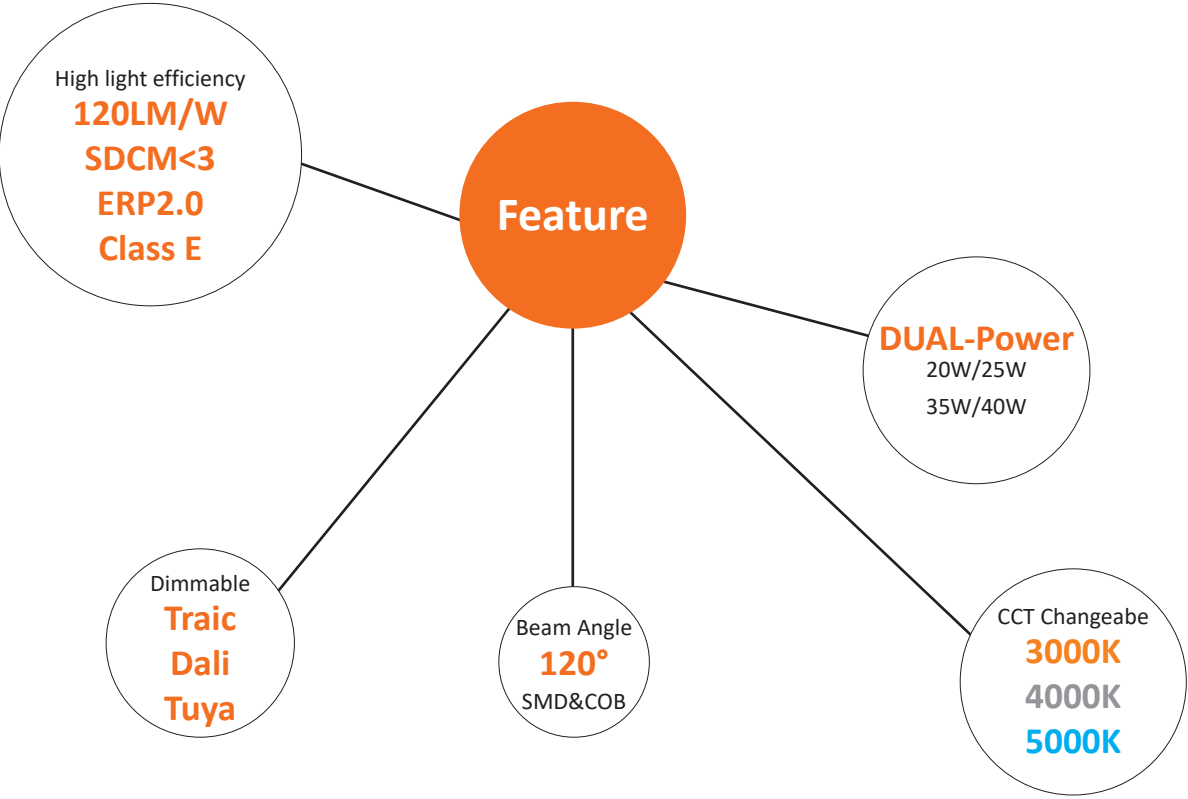| Model	RAV12DLG41	RAV20DLG61	RAV30DLG81
Power	10W/12W	15W/20W	30W/35W
Lumen		120LM/W	
Beam angle		100°	
CCT Change		3000K/4000K/5000K	
CRI		Ra>80 Ra>90	
SDCM		SDCM <3	
Lifespan		50,000hrs	
Voltage		220-240VAC	
Product size	Ø143*70mm	Ø192*70mm	Ø220*70mm
Dimmable option		Triac Dim, DALI Dim, 0-10V Dim	
ERP2.0		Yes	
IP-class		IP40, IP44	
IK-class		IK03	
Insulation Class		Class II	
Material		Aluminum	
Environment		Indoors	
Installation		Shopping malls, showcases, showrooms	
Warranty		3 years/5 years	
Approval		CE, SAA, ERP, UKCA	

High light efficiency
120LM/W
SDCM<3
ERP2.0
Class E

UGR<19

Feature

Dual Power
10W/12W
15W/20W
30W/35W

Dimmable
Traic
Dali
Tuya

Beam Angle
120°
SMD&COB

Size
Φ143xH70mm
Φ192xH70mm
Φ220xH70mm

Ø125mm
Ø175mm
Ø200mm

Size: Ø143*H70mm
Ø192*H70mm
Ø220*H70mm

F Series Rectangular Wall-washer

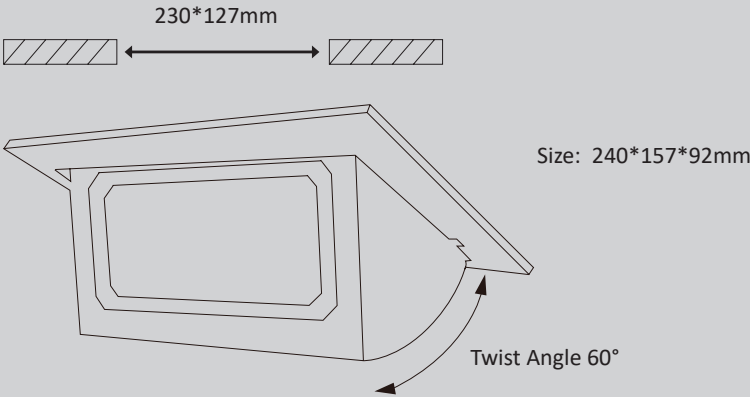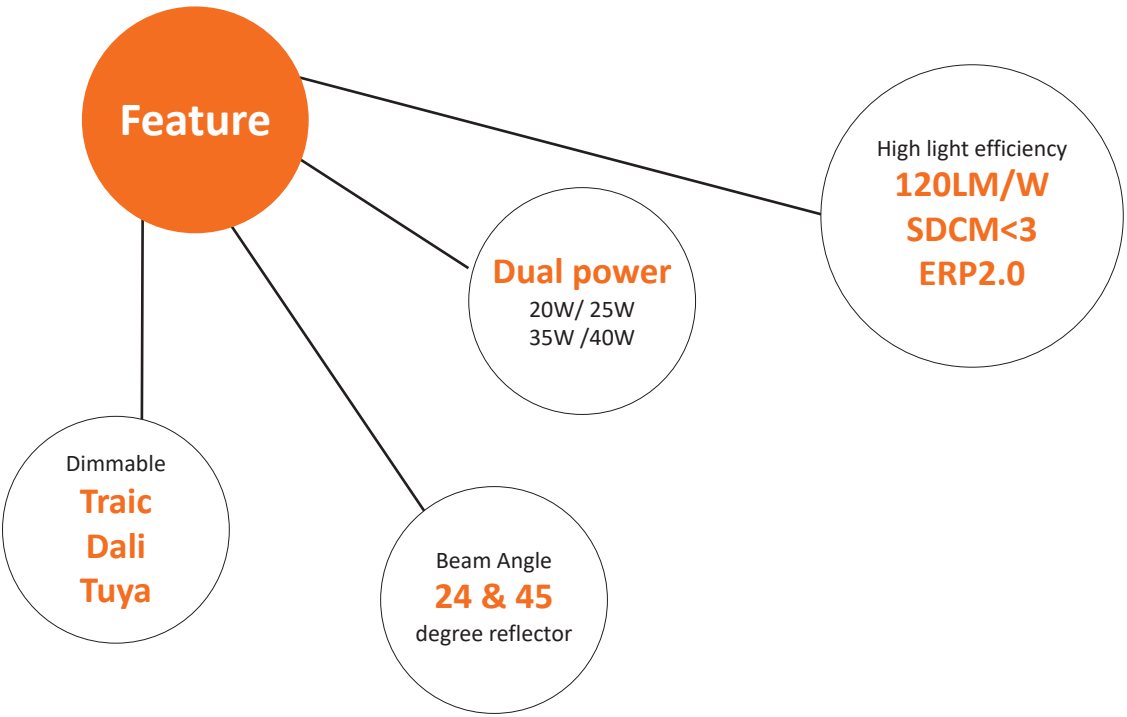| Model	RAV30SLF51	RAV40SLF51	RAV50SLF51
Power	20W/25W	35W/40W	50W
Lumen	120LM/W		
Beam angle	120°		
CCT Change	3000K/4000K/5000K		
CRI	Ra>90		
UGR	<19(2H)		
SDCM	SDCM <3		
Lifespan	50,000hrs		
Voltage	220-240VAC		
Product size	240*157*92mm		
Dimmable option	Triac Dim, DALI Dim, 0-10V Dim		
ERP2.0	Yes		
IP-class	IP40		
IK-class	IK03		
Insulation Class	Class II		
Material	Aluminum		
Environment	Indoors		
Installation	Shopping malls, showcases, showrooms		
Warranty	3 years/5 years		
Approval	CE, SAA, ERP, UKCA		

Feature

High light efficiency
120LM/W
SDCM<3
ERP2.0
Class E

DUAL-Power
20W/25W
35W/40W

Dimmable
Traic
Dali
Tuya

Beam Angle
120°
SMD&COB

CCT Changeabe
3000K
4000K
5000K

230*127mm

Size: 240*157*92mm

Twist Angle 60°

G Series Scoop Wall-washer

Model	RAV30SLG51	RAV30SLG61	RAV40SLG81	RAV50SLG81
Power	20W/30W	35W/40W	35W/40W	50W
Lumen		120LM/W		
Beam angle		24°&45°		
CCT Change		3000K/4000K/5000K		
CRI		Ra>90		
UGR		<19(2H)		
SDCM		SDCM <3		
Lifespan		50,000hrs		
Voltage		220-240VAC		
Product size	Ø157x110mm	Ø190x130mm	Ø247.2*178.3mm	Ø247.2*178.3mm
Dimmable option		Triac Dim, DALI Dim, 0-10V Dim		
Flicker Free		Yes, New ERP		
Dual power		Yes		
IP-class		IP40		
IK-class		IK03		
Insulation Class		Class II		
Material		Aluminum		
Environment		Indoors		
Installation		Shopping malls, showcases, showrooms		
Warranty		3 years/5 years		
Approval		CE, SAA, ERP, UKCA		

Feature

High light efficiency
120LM/W
SDCM<3
ERP2.0

Dual power
20W/ 25W
35W /40W

Dimmable
Traic
Dali
Tuya

Beam Angle
24 & 45
degree reflector

Twist Angle 350°

40°

Ø140mm
Ø170mm
Ø200mm

Size: Ø157*110mm
Ø190*130mm
Ø247.2*178.3mm