



#### REVOLVE120 Spotlight



#### REVOLVE120 Downlight Range



## REVOLVE120 COB IP54 Downlight and Spotlight



REVOLVE120 Spotlight and Downlight family has professional COB optical design, with an elegant appearance and sustainable performance. Because of its multiple cutout options (75/100/150/200) it is the right solution for a variety of applications ranging from retail to commercial, back of house applications and washroom areas. The new REVOLVE120 has an efficacy of up to 105 lm/W making it more than 50% energy efficient than conventional lighting. It has a color rendering index of >80 with crisp lighting effect and high quality aluminum body which makes it the ideal lighting solution.

**Professional spotlight and COB downlight range for robust, reliable and energy efficient lighting needs in commercial spaces.**



#### Applications

- Retail
- Commercial Buildings
- Shopping Mall
- Residential
- Hospitality
- Office Areas
- Corridors & back of house areas
- Kitchen & Washroom areas

#### Features and Benefits

##### Comprehensive Range

Perfect COB downlight and spotlight solution for retail, hospitality and commercial applications with multiple cutout options (75/100/150/200).

##### Energy Efficient and Long Lifetime

High efficacy up to 105 lm/W with lumen choices from 700lm to 3000lm. Long service lifetime of 50,000 hours.

##### Attractive Design

Elegant look and feel with front glass plus frosted point and powder coated aluminum body.

##### High Light Quality

Excellent color rendering with CRI >80.

##### IP54 Front

IP54 from front side / Room side (option in all 04 sizes) makes it one stop solution for commercial building needs (lighting for BOH areas, Kitchen, washrooms, corridors as well as general lighting needs)

# REVOLVE120 COB IP54 Downlight and Spotlight

Upto 3000 lumens

IP54 Front

COB Design

4 Cut-Out Options

Aluminum body

## Technical Specifications

	IP54 Spotlight		IP54 COB downlight	
	7W	10W	20W	30W
Power Consumption (System) ±10%	7W		10W	20W
Lumen Output (typ.Avg) (lm) ±10%	665lm@3000K 700lm@4000K 700lm@6500K	900lm@3000K 950lm@4000K 950lm@6500K	1900lm@3000K 2100lm@4000K 2100lm@6500K	2850lm@3000K 3100lm@4000K 3100lm@6500K
CRI	>80			
SDCM	(3000K/4000K;<5)			
Beam Angle	110°±10°			
Input Voltage and Frequency	220-240 V, 50/60Hz			
Protection Class	Class II			
Fuse or Short-Circuit Protection	Short-Circuit Protection			
Power Factor (System)	0.5	0.5	0.5	0.9
System Efficacy (lm/W) ±10%	95lm/w@3000K 100lm/w@4000K 100lm/w@6500K			
Displacement Factor (DF)	0.7	0.7	0.7	0.9
Surge Protection	1KV			
Housing Material	Aluminium + Clear Glass with Frosted point			
Reflector/Lens Material (LG)	Aluminium			
Cover Material (Diffuser)	Aluminium			
Front Protection	Front Glass clear with centr frosting			
IPXX	IP54 front size / IP20 (back side)			
Salt Spray	48H for springs and screws			
Mounting	Recessed Installation			
IKXX	IK 03			
Cut Off Size	φ75-80mm	φ100-110mm	φ140-150mm	φ200mm
Power Connection	2*0.75mm <sup>2</sup>			
Size (LxWxH) + Considerations	φ90x32mm	φ120x45mm	φ166x45mm	φ225x45mm
Weight (Kg)	150g±10%	235g±10%	390g±10%	680g±10%
Operating Temperature Range (C)	-20 ~ +40C			
Operating Relative Humidity Range (%)	RH 0~90°C			
Application Scenarios	Indoor			
Lifetime	50000 Hrs L60B50 @ta25°C			

\*Data subject to change

REVOLVE



# REVOLVE120 COB IP54 Downlight and Spotlight

## Product List

Product Description	Product Type
REVOLVE120 COB DL LED6/830 IP54 D75	IP54 Spot
REVOLVE120 COB DL LED7/840 IP54 D75	IP54 Spot
REVOLVE120 COB DL LED7/865 IP54 D75	IP54 Spot
REVOLVE120 COB DL LED9/830 IP54 D100	IP54 COB Downlight
REVOLVE120 COB DL LED10/840 IP54 D100	IP54 COB Downlight
REVOLVE120 COB DL LED10/865 IP54 D100	IP54 COB Downlight
REVOLVE120 COB DL LED19/830 IP54 D140	IP54 COB Downlight
REVOLVE120 COB DL LED21/840 IP54 D140	IP54 COB Downlight
REVOLVE120 COB DL LED21/865 IP54 D140	IP54 COB Downlight
REVOLVE120 COB DL LED28/830 IP54 D200	IP54 COB Downlight
REVOLVE120 COB DL LED31/840 IP54 D200	IP54 COB Downlight
REVOLVE120 COB DL LED31/865 IP54 D200	IP54 COB Downlight

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