

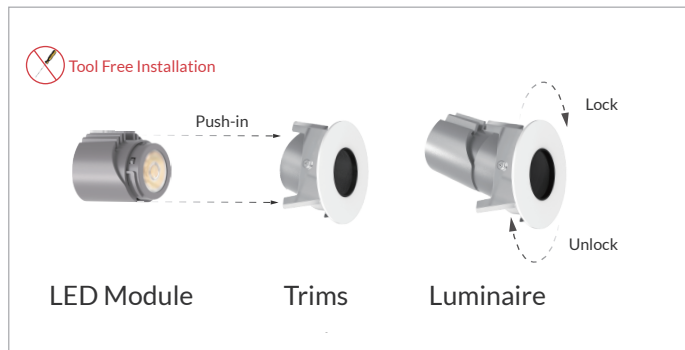
# 2" Corla Downlight Residential Series



Round Pinhole



Oval Pinhole



The CORLA Downlight System revolutionizes interior lighting through modular adaptability. Featuring precision-engineered optics and adjustable configurations, the system delivers exceptional light quality with superior optical control.

## TECHNICAL DATA

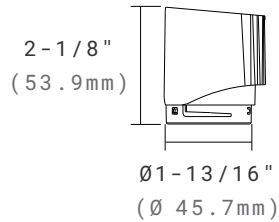
Wattage	5W,8W (single module)
CRI	90, SDCM<3
CCT	2700/3000/3500/4000K
	Dim to Warm: 2000K-3000K
Dimming	Triac Dimming & 0-10V
Input Voltage	120-277V, 50/60Hz
Projected Lifetime	L80-50,000 hours
Working Temp.	-20°C~40°C (-4°F ~ 104°F)
Certifications	ETL Listed to US and Canadian standards Suitable for damp locations RoHS compliant
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load

## Features

- **Super Modular Design:** 2 mounting trims and tool-free interchangeable components.
- **Precise Light Control:** 4 beam angles (15°/24°/38°/55°), anti-glare accessories, and a 38° cutoff angle. 355° Rotation & 30° tiltable.
- **Versatile Project Adaptability:** supports general lighting, spot/flood and accent lighting.
- **Optimized Thermal Performance:** guarantees long-term durability and consistent luminous performance.

## SPECIFICATION

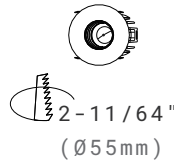
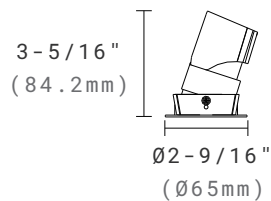
### LED Module



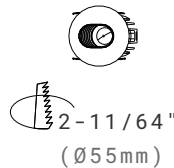
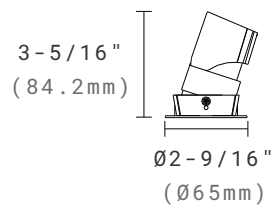
### Trims



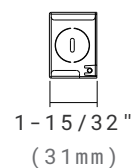
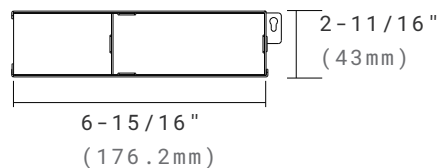
**Round Pinhole  
Adjustable**



**Oval Pinhole  
Adjustable**



### Remodel Mounted Driver



## ORDERING INFORMATION

**EXAMPLE**

COR	02	05	35	90	1	XD	38
1	2	3	4	5	6	7	8

### 1. Series

- ☒ **COR**- Corla LED Module

### 2. Size

- ☐ **02** - 2 inch Module

### 3. Wattage (single module)

- ☐ **05** - 5W      ☐ **08** - 8W

### 4. CCT

- ☐ **27** - 2700K      ☐ **30** - 3000K  
☐ **35** - 3500K      ☐ **40** - 4000K  
☐ **DTW** - 2000K-3000K dim to warm

### 5. CRI

- ☐ **90** - 90Ra

### 6. Voltage

- ☐ **1** - 120-277V

### 7. Dimming

- ☐ **XD** - 0-10V/Triac Dimming

### 8. Beaming Angle

- ☐ **15** - 15°      ☐ **24** - 24°  
☐ **38** - 38°      ☐ **55** - 55°

### Trim Options

- ☐ **CORR02-R-ADJ-RP-WH**  
Residential series, round trim, adjustable,  
round pinhole, white trim



- ☐ **CORR02-R-ADJ-OP-WH**  
Residential series, round trim, adjustable,  
oval pinhole, white trim



\* White trim is standard finish. Customized finish color is available at an additional fee.

### Optical Accessory Options

- ☐ **COR02-HCB**  
Honeycomb Filter



- ☐ **COR02-BSL**  
Beam Soft Lens



### Emergency Battery Back-up Option

- ☐ **AAL-EBU-AC08D-YYY**



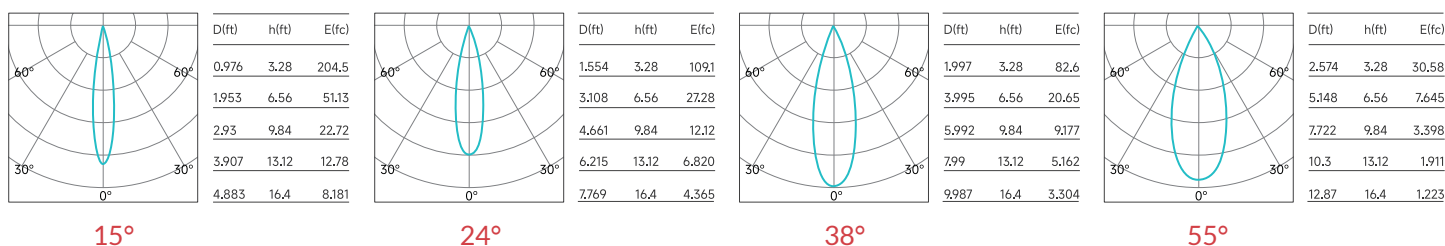
Remote 8W LED Emergency Battery Back-up 120-347V AC

\* Emergency battery back-up is for 0-10V dimming only. One emergency battery back-up is for one led down light fixture only.

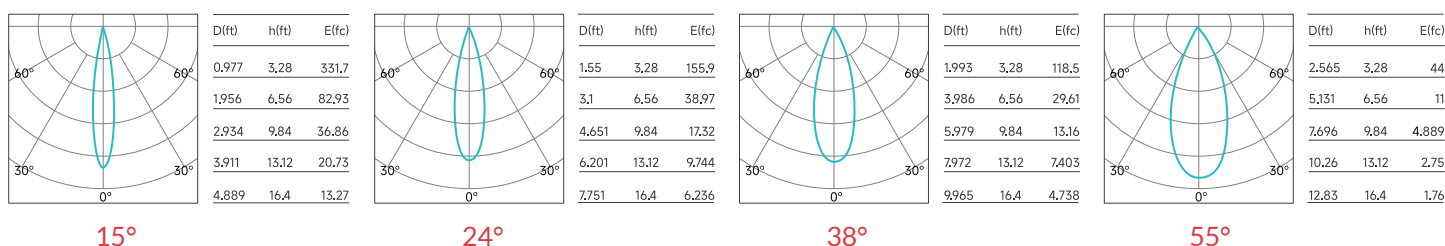
## PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Result may vary per actual order.

### 5W



### 8W



Above test data is based on **Round Pinhole Adjustable** trim with 3000K 90CRI LED.

## PERFORMANCE DATA

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
5W	3000K	90	15°	248	50	2198
			24°	278	58	1178
			38°	309	64	889
			55°	187	39	329
8W	3000K	90	15°	402	52	3566
			24°	416	54	1683
			38°	443	60	1275
			55°	269	37	473

Above test data is based on **Round Pinhole Adjustable** trim with 3000K 90CRI LED.

## LUMEN MULTIPLIERS

CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.04
4000K	1.06

## BLUETOOTH PIR MOTION SENSOR

### Bluetooth Mesh Control



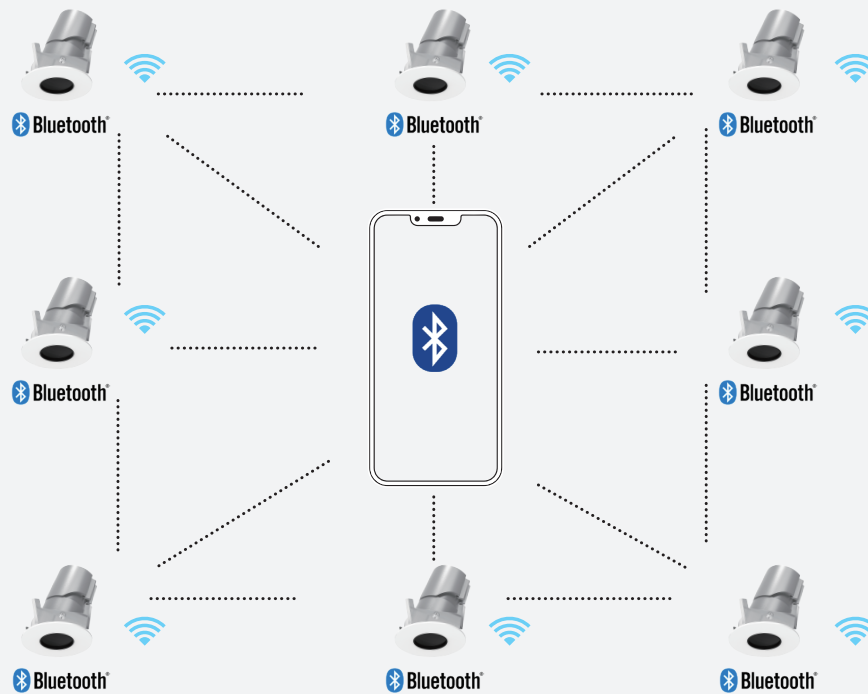
**BMWC-L104S-1-BLE-KL**  
Zone Controller 120-277V 20A



**BMS-L107D-PIR-1-BLE-KL-CM-B1**  
Bluemesh Economical Solution  
Wireless Occupancy and Vacancy  
Dimming Ceiling Sensor, 120-277V



**Wireless Switch**



## Wireless Switch Options



BMWS-L-D-1-3BT-BLE-KL-WH

BMWS-L-D-5BT-BLE-KL-WH

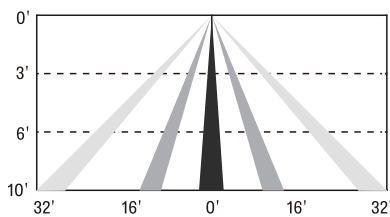
BMWS-L-D-1-7BT-BLE-KL-WH

BMWS-L-D-8BT-BLE-KL-WH

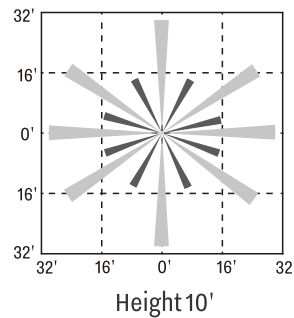
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## Detection Area

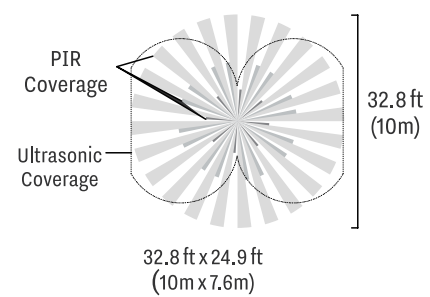
PIR Coverage Side View



PIR Coverage Top View



PIR+Ultrasonic Coverage Top View



## ABOVE ALL LIGHTING APP Download



## WARRANTY

Five year limited warranty.

Specifications subject to change without notice.