

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	30W, 35W (single module)
CRI	90, SDCM<3
CCT	2700K, 3000K, 3500K, 4000K Dim to Warm: 2000K-3000K
Dimming	Triac dimming (1%-100%) 0-10V dimming (3%-100%)
Input Voltage	120-277V, 50/60Hz
Projected Lifetime	L80-50,000 hours
Working Temperature	-4°F to 104°F (-20°C to 40°C)
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

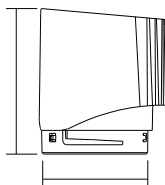
- **Super Modular Design:** 2 mounting trims and tool-free interchangeable components.
- **Precise Light Control:** 4 beam angles (15°/24°/38°/55°), anti-glare accessories, and a 38° cutoff angle. 355° rotation & 30° tiltable.
- **Versatile Project Adaptability:** supports general lighting, spot/flood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

SPECIFICATION

LED Module



4 - 1/4"
(108mm)

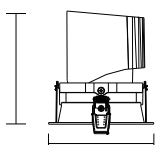


Ø3 - 35/64"
(Ø90mm)

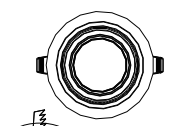
Trims



5 - 1/2"
(140mm)



Ø5 - 1/8"
(Ø130mm)

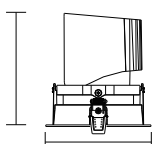


4 - 17/32"
(Ø115mm)

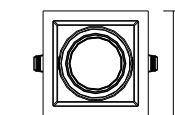
Round



5 - 1/2"
(140mm)



5 - 1/8"
(130mm)

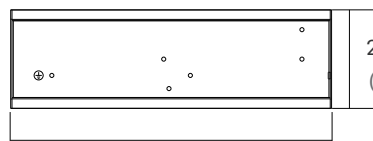


5 - 1/8"
(130mm)

4 - 17/32" * 4 - 17/32"
(115x115mm)

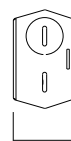
Square

Remodel Mounted Driver



7 - 43/64"
(195mm)

2 - 23/64"
(59.8mm)



1 - 15/32"
(37.3mm)

ORDERING INFORMATION

EXAMPLE

COR	05	30	35	90	1	XD	38
1	2	3	4	5	6	7	8

1. Series

- ☒ **COR**- Corla LED Module

2. Size

- ☐ **05** - 5 inch Module

3. Wattage (single module)

- ☐ **30** - 30W ☐ **35** - 35W

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



NOTE:

1. Triac dimming only works on 120VAC.

8. Beaming Angle

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



Trim Options

- ☐ **CORC05-R-ADJ-WH**
Commercial series, round trim, adjustable, white trim 
- ☐ **CORC05-S-ADJ-WH**
Commercial series, square trim, adjustable, white trim 

NOTE:

1. White trim is standard finish. Custom colors are available at an additional fee.

Optical Accessory Options

- ☐ **COR05-HCB** 
Honeycomb Filter
- ☐ **COR05-BSL** 
Beam Soft Lens

Emergency Battery Back-up Option

- ☐ **AAL-EBU-AC08D-YYY**
Remote 8W LED Emergency
Battery Back-up 120-347VAC
- ☐ **AAL-EBU-AC25D-YYY**
Remote 25W LED Emergency
Battery Back-up 120-347VAC

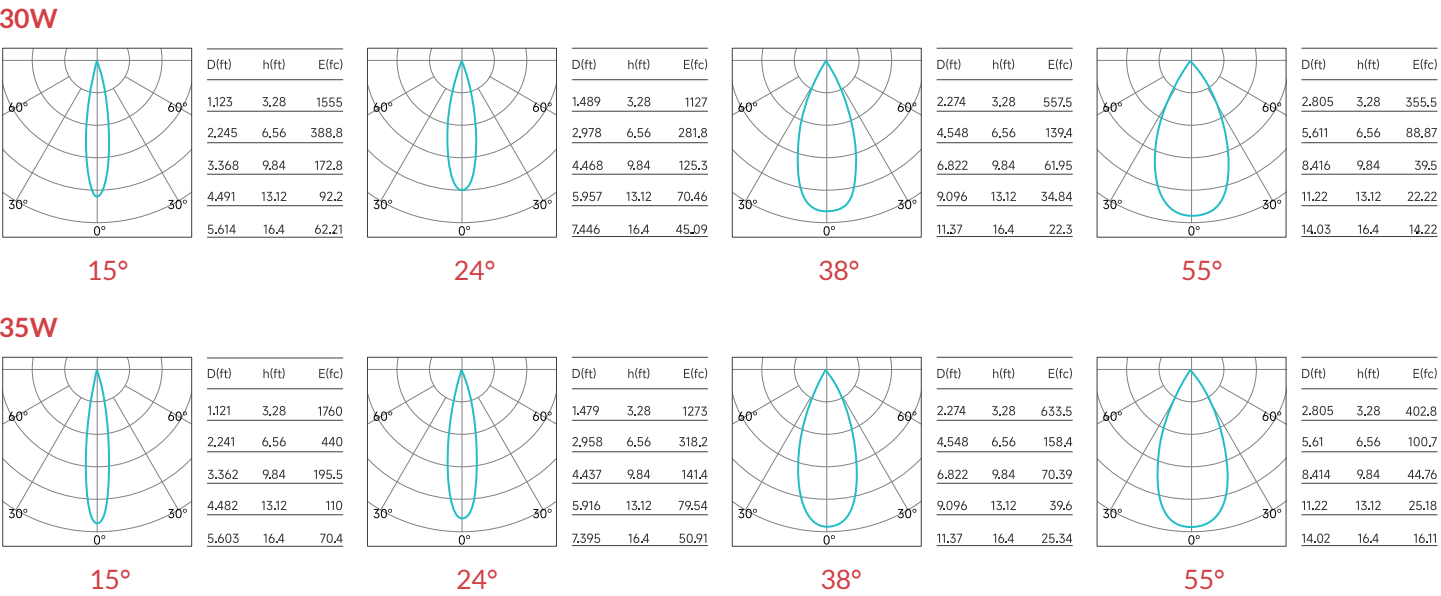


NOTE:

1. A single EBU can power multiple light fixtures. The 8W EBU supports up to 60W total lighting load, while the 25W EBU supports up to 150W total load.
2. The dimming control wire is optional when the combined power of all connected lights is lower than the EBU's rated power.
3. The dimming control wire must be connected when the total power of all connected lights exceeds the EBU's rated capacity.

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%. Results may vary per actual order.



35W



D(ft)	h(ft)	E(fc)
1,121	3,28	1760
2,241	6,56	440
3,362	9,84	195,5
4,482	13,12	110
5,603	16,4	70,4

15°

24°



D(ft)	h(ft)	E(fc)
1,479	3,28	1273
2,958	6,56	318,2
4,437	9,84	141,4
5,916	13,12	79,54
7,395	16,4	50,91

24°

38°



D(ft)	h(ft)	E(fc)
2,274	3,28	633,5
4,548	6,56	158,4
6,822	9,84	70,39
9,096	13,12	39,6
11,37	16,4	25,34

38°

55°



D(ft)	h(ft)	E(fc)
2,805	3,28	402,8
5,61	6,56	100,7
8,414	9,84	44,76
11,22	13,12	25,18
14,02	16,4	16,11

55°

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

PERFORMANCE DATA

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
30W	3000K	90	15°	2632	95	16717
			24°	2683	97	12136
			38°	2667	96	6084
			55°	2601	94	3861
35W	3000K	90	15°	2980	93	18874
			24°	3040	95	13729
			38°	3020	94	6886
			55°	2940	92	4369

Above test data is based on **Round 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



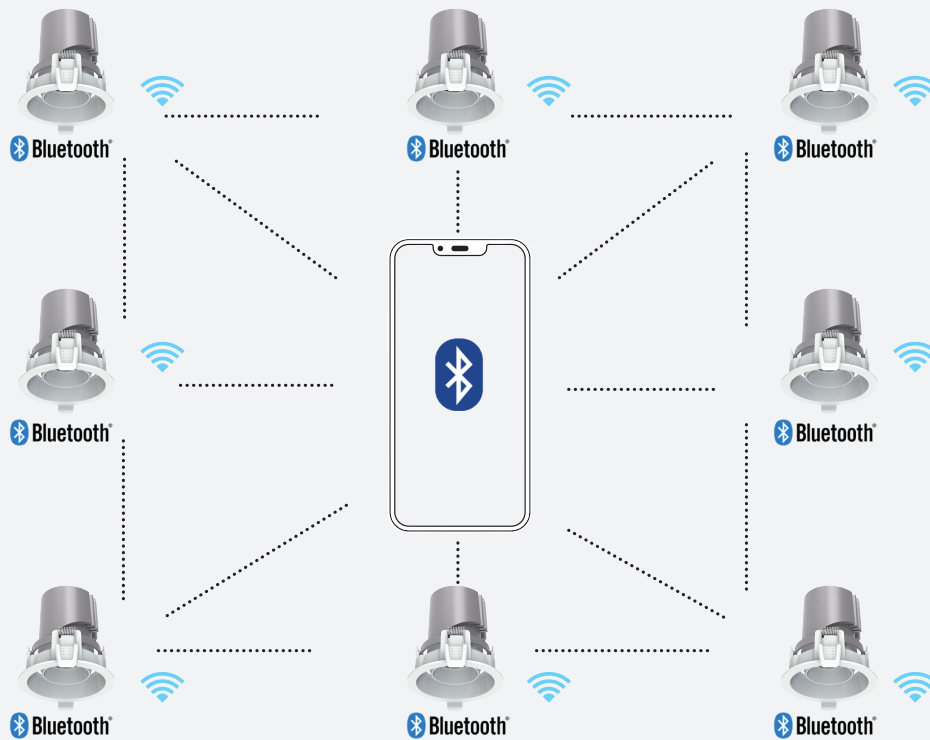
BMWC-L104S-1-BLE-KL
Zone Controller 120-277V 20A



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



Wireless Switch



5" CORLA DOWNLIGHT Commercial Series

Wireless Switch Options



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



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



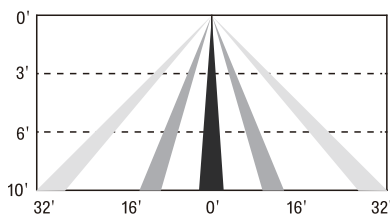
BMWS-L-D-1-7BT-BLE-KL-WH



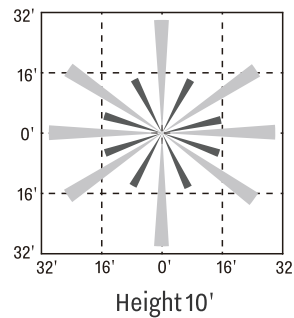
BMWS-L-D-8BT-BLE-KL-WH

Detection Area

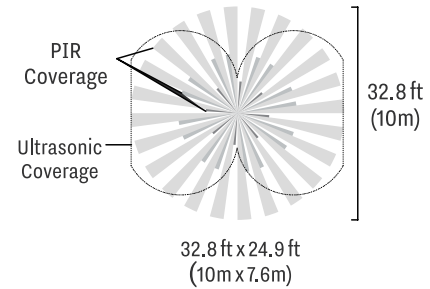
PIR Coverage Side View



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.

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