

2" CORLA DOWNLIGHT

Commercial Series



Round



Square

 Tool Free Installation



LED Module



Trims



Luminaire



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	2700K, 3000K, 3500K, 4000K
	Dim to Warm: 2000K-3000K
Dimming	Triac dimming (3%-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.

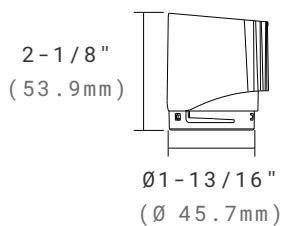
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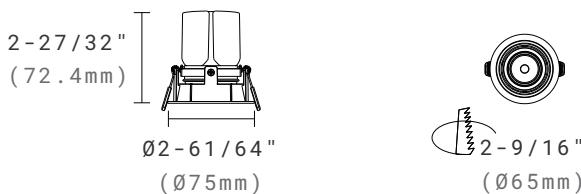


SPECIFICATION

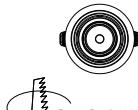
LED Module



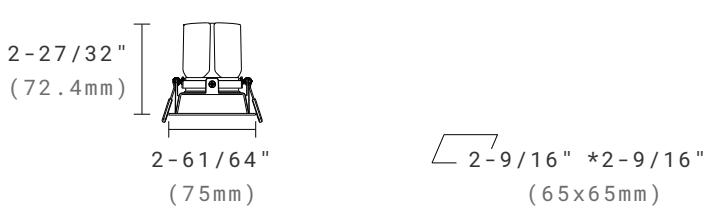
Trims



Round Adjustable



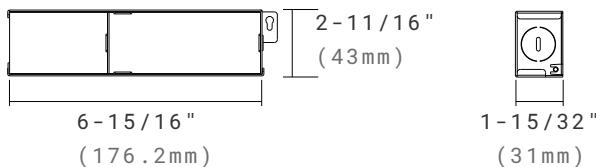
2-9/16" (Ø 65mm)



Square Adjustable

2-9/16" *2-9/16" (65x65mm)

Remodel Mounted Driver



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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

NOTE:

1. Triac dimming only works on 120VAC.

8. Beaming Angle

15 - 15° 24 - 24°
 38 - 38° 55 - 55°

Trim Options

CORC02-R-ADJ-WH

Commercial series, round trim, adjustable, white trim



CORC02-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

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 120-347VAC



AAL-EBU-AC15D-YYY

Remote 15W LED Emergency Battery Back-up 120-347VAC

AAL-EBU-AC25D-YYY

Remote 25W LED Emergency Battery Back-up 120-347VAC

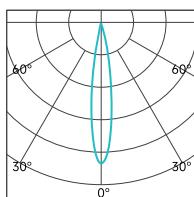
NOTE:

1. A single EBU can power multiple light fixtures. The 8W EBU supports up to 60W total lighting load, 15W EBU supports up to 100W total lighting load, while the 25W EBU supports up to 150W total lighting 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.

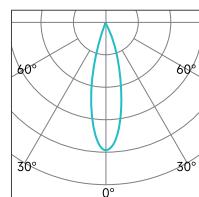
PHOTOMETRY

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.

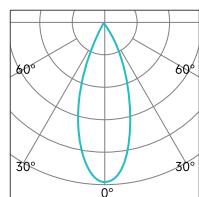
5W



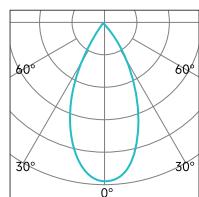
15°



24°



38°



55°

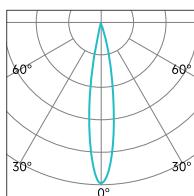
D(ft)	h(ft)	E(fc)
1.019	3.28	200.9
2.037	6.56	50.22
3.056	9.84	22.32
4.075	13.12	12.55
5.094	16.4	8.035

D(ft)	h(ft)	E(fc)
1.695	3.28	108.6
3.391	6.56	27.14
5.086	9.84	12.06
6.781	13.12	6.785
8.477	16.4	4.343

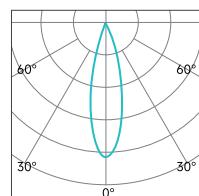
D(ft)	h(ft)	E(fc)
2.204	3.28	83.02
4.409	6.56	20.76
6.613	9.84	9.225
8.817	13.12	5.189
11.02	16.4	3.321

D(ft)	h(ft)	E(fc)
3.291	3.28	31.18
6.582	6.56	7.796
9.873	9.84	3.465
13.16	13.12	1.949
16.45	16.4	1.247

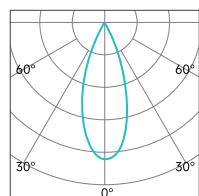
8W



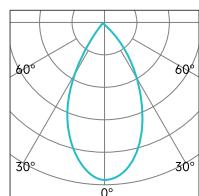
15°



24°



38°



55°

D(ft)	h(ft)	E(fc)
1.025	3.28	324.7
2.049	6.56	81.18
3.074	9.84	36.08
4.098	13.12	20.30
5.123	16.4	12.99

D(ft)	h(ft)	E(fc)
1.697	3.28	155.1
3.394	6.56	38.77
5.092	9.84	17.23
6.789	13.12	9.693
8.486	16.4	6.204

D(ft)	h(ft)	E(fc)
2.209	3.28	118.9
4.418	6.56	29.74
6.626	9.84	13.22
8.835	13.12	7.434
11.04	16.4	4.758

D(ft)	h(ft)	E(fc)
3.289	3.28	44.79
6.577	6.56	11.20
9.866	9.84	4.976
13.15	13.12	2.799
16.44	16.4	1.791

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

PERFORMANCE DATA

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
5W	3000K	90	15°	307	62	2162
			24°	365	75	1170
			38°	385	79	894
			55°	325	67	336
8W	3000K	90	15°	494	64	3496
			24°	520	71	1672
			38°	551	75	1280
			55°	465	63	482

Above test data is based on Round 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

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Wireless Switch Options



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

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

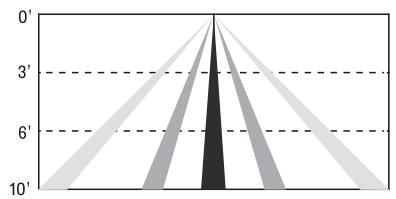
BMWS-L-D-1-7BT-BLE-KL-WH

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

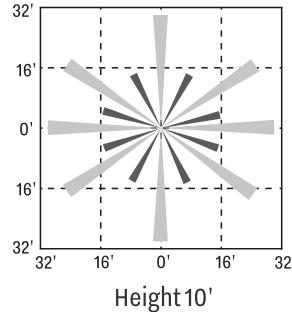
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Detection Area

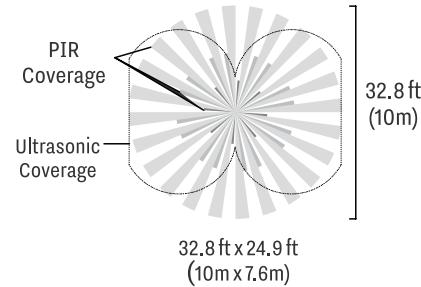
PIR Coverage Side View



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.