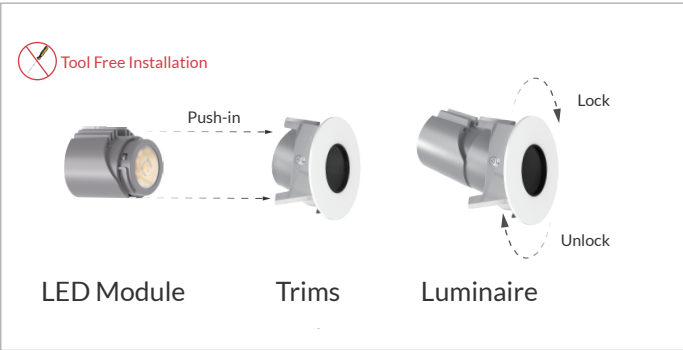




The Corla Downlight System revolutionizes interior lighting through modular adaptability. Featuring precision-engineered optics and adjustable configurations, the system delivers exceptional light quality with superior optical control.

TECHNICAL DATA

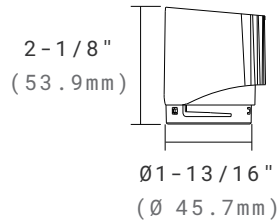
Wattage	5W, 8W (single module)
CRI	90, SDCM<3
CCT	2700K, 3000K, 3500K, 4000K
	Dim to Warm: 2000K-3000K
Dimming	Triac dimming (3%-100%)
	0-10V dimming (3%-100%)
Input Voltage	120-277V, 50/60Hz
Projected Lifetime	L80-50,000 hours
Working Temperature	-4°F to 104°F (-20°C to 40°C)
Certifications	ETL Listed 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.

SPECIFICATION

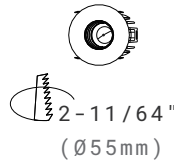
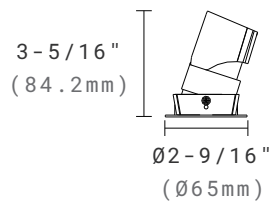
LED Module



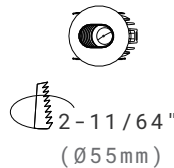
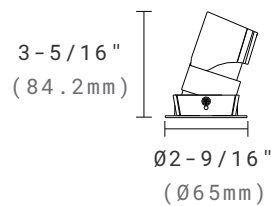
Trims



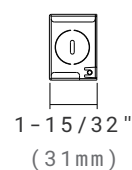
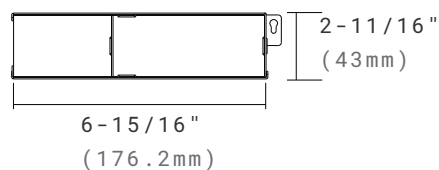
**Round Pinhole
Adjustable**



**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

NOTE:

1. Triac dimming only works on 120VAC.

8. Beaming Angle

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

Mounting Accessory Options

- ☐ RIP-55135
☐ RIP-70145

New construction pre-mounting plate for Corla Downlight.

NOTE:

1. Please refer to the Selection Guide to select proper plate.

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



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 Options

- ☐ 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.

ROUGH-IN PLATE SELECTION GUIDE

To ensure a proper fit, select the correct rough-in plate by matching it to your fixture's cutout size.

Follow the 2 steps below:

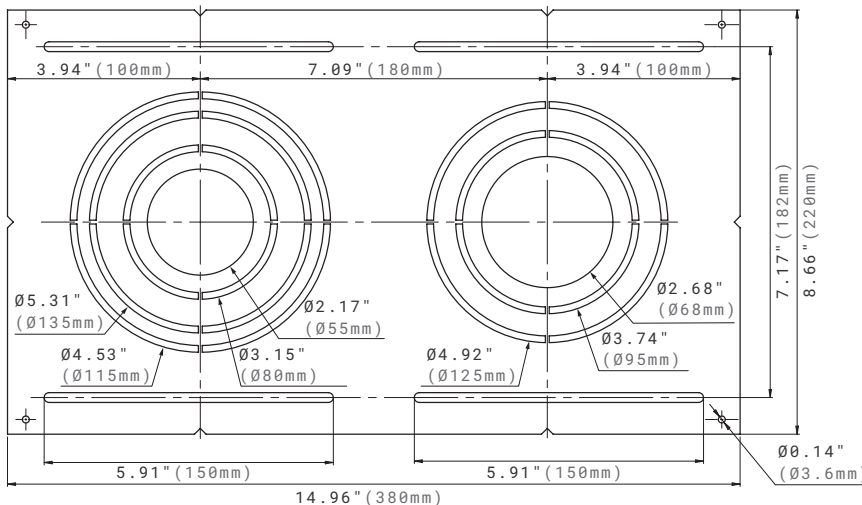
Step 1. Identify the Cutout Size: Locate the Corla Downlight model in the table below and note its required cutout dimension.

Step 2. Match the Plate: Using the diagram that follows, find the rough-in plate part# that corresponds to the cutout size you identified in Step 1.

Corla Downlight Cutout Dimension Table

Model	Hotel	Residential	Commercial	Deep Anti-Glare	Wall Washer
COR02	Ø2.17"(55mm)	Ø2.17"(55mm)	Ø2.56"(65mm)	/	/
COR03	Ø2.95"(75mm)	Ø2.95"(75mm), Ø2.68"(68mm)	Ø3.15"(80mm)	Ø2.95"(75mm)	Ø2.95"(75mm)
COR04	Ø3.94"(100mm)	Ø4.53"(115mm), Ø3.94"(100mm)	Ø3.74"(95mm)	Ø3.94"(100mm)	/
COR05	Ø4.92"(125mm), Ø4.8"(122mm)	Ø4.33"(110mm), Ø4.92"(125mm) Ø5.12"(130mm), Ø5.31"(135mm)	Ø4.53"(115mm)	Ø4.92"(125mm)	/

Rough-in Plate



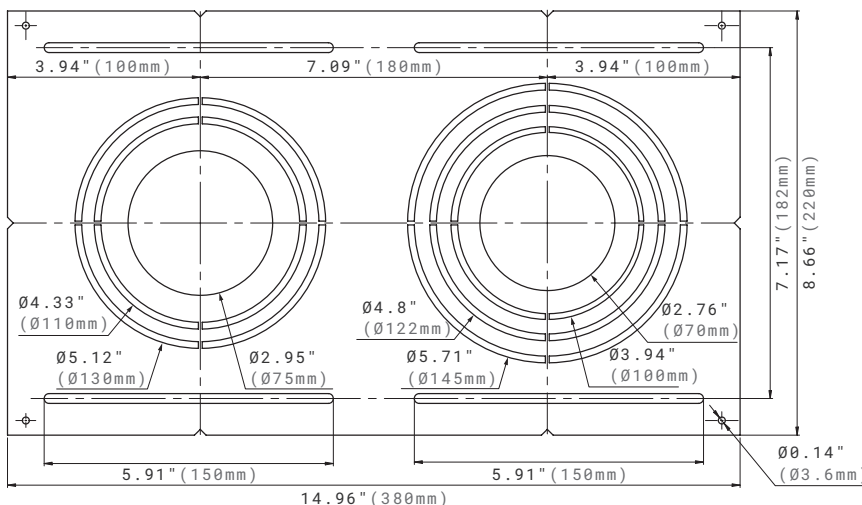
Part#

RIP-55135

New construction pre-mounting plate for Corla Downlight.

Compatible cutouts:

Ø2.17"(Ø55mm)
 Ø2.68"(Ø68mm)
 Ø3.15"(Ø80mm)
 Ø3.74"(Ø95mm)
 Ø4.53"(Ø115mm)
 Ø4.92"(Ø125mm)
 Ø5.31"(Ø135mm)



Part#

RIP-70145

New construction pre-mounting plate for Corla Downlight.

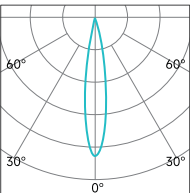
Compatible cutouts:

Ø2.76"(Ø70mm)
 Ø2.95"(Ø75mm)
 Ø3.94"(Ø100mm)
 Ø4.33"(Ø110mm)
 Ø4.8"(Ø122mm)
 Ø5.12"(Ø130mm)
 Ø5.71"(Ø145mm)

PHOTOMETRY

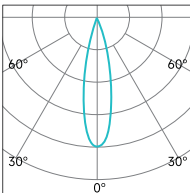
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.

5W



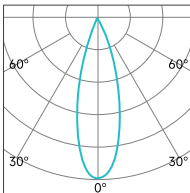
D(ft)	h(ft)	E(fc)
0.976	3.28	204.5
1.953	6.56	51.13
2.93	9.84	22.72
3.907	13.12	12.78
4.883	16.4	8.181

15°



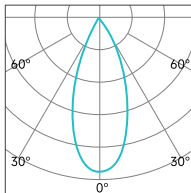
D(ft)	h(ft)	E(fc)
1.554	3.28	109.1
3.108	6.56	27.28
4.661	9.84	12.12
6.215	13.12	6.820
7.769	16.4	4.365

24°



D(ft)	h(ft)	E(fc)
1.997	3.28	82.6
3.995	6.56	20.65
5.992	9.84	9.177
7.99	13.12	5.162
9.987	16.4	3.304

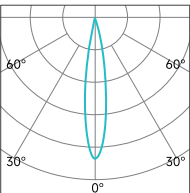
38°



D(ft)	h(ft)	E(fc)
2.574	3.28	30.58
5.148	6.56	7.645
7.722	9.84	3.398
10.3	13.12	1.911
12.87	16.4	1.223

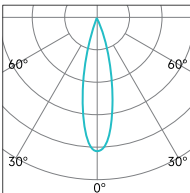
55°

8W



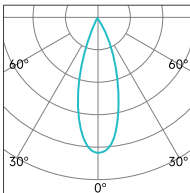
D(ft)	h(ft)	E(fc)
0.977	3.28	331.7
1.956	6.56	82.93
2.934	9.84	36.86
3.911	13.12	20.73
4.889	16.4	13.27

15°



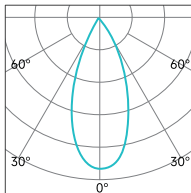
D(ft)	h(ft)	E(fc)
1.55	3.28	155.9
3.1	6.56	38.97
4.651	9.84	17.32
6.201	13.12	9.744
7.751	16.4	6.236

24°



D(ft)	h(ft)	E(fc)
1.993	3.28	118.5
3.986	6.56	29.61
5.979	9.84	13.16
7.972	13.12	7.403
9.965	16.4	4.738

38°



D(ft)	h(ft)	E(fc)
2.565	3.28	44
5.131	6.56	11
7.696	9.84	4.889
10.26	13.12	2.75
12.83	16.4	1.76

55°

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