

3" CORLA DOWNLIGHT

Hotel Series



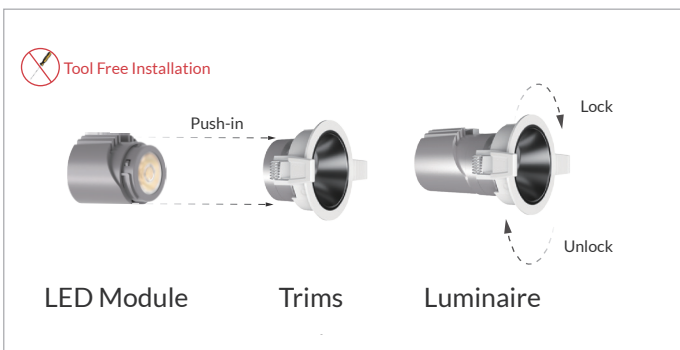
The Corla Downlight System revolutionizes interior lighting through modular adaptability. Featuring precision-engineered optics and adjustable configurations, the system delivers exceptional light quality with superior optical control.

TECHNICAL DATA

Wattage	10W, 15W (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:** 10 mounting trims and tool-free interchangeable components.
- **Precise Lighting Control:** 6 beam angles (15°/24°/38°/55°/30°*40°/40°*50°), anti-glare accessories, and a 38° cutoff angle. 355° rotation & 30° tilttable.
- **Versatile Project Adaptability:** supports general lighting, spot/flood, accent lighting, and wall washing.
- **Optimized Thermal Performance:** guarantees long-term durability and consistent luminous performance.

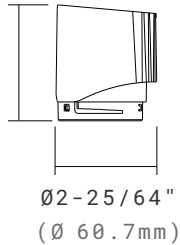


SPECIFICATION

LED Module



2-11/16"
(68.3mm)

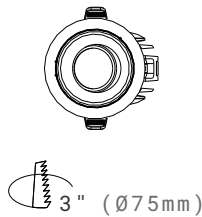
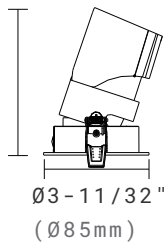


Trims



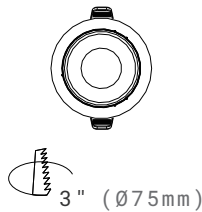
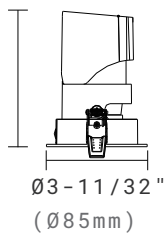
Round Adjustable

4-27/64"
(112.3mm)



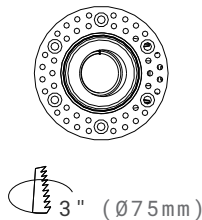
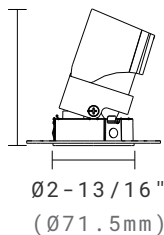
Round Fixed

4-17/64"
(108.5mm)



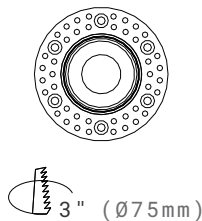
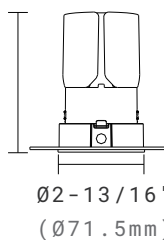
**Round Adjustable
Trimless**

4-27/64"
(112.3mm)

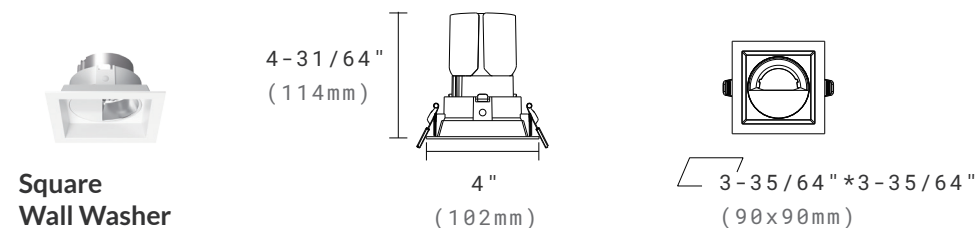
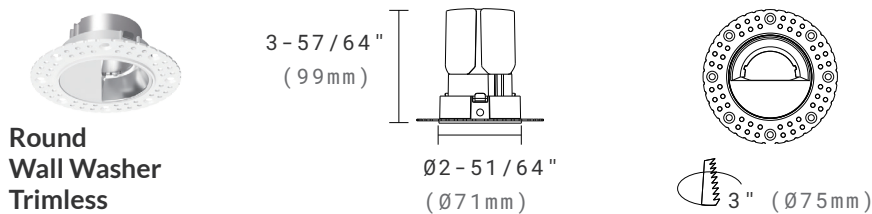
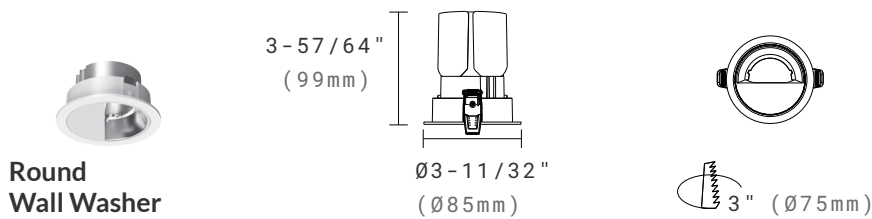
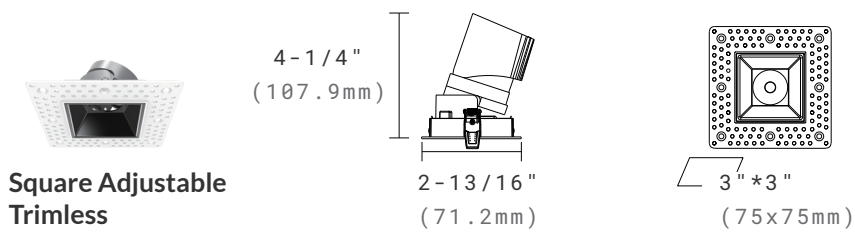
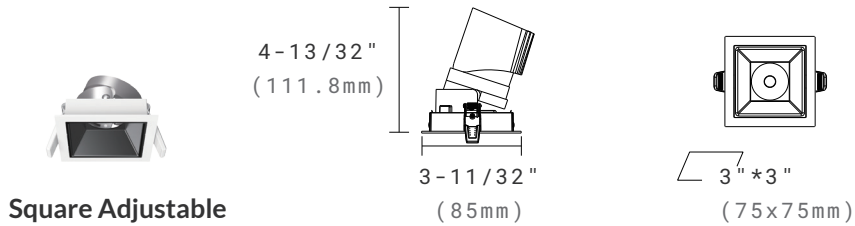


**Round Fixed
Trimless**

4-9/32"
(108.8mm)



Trims



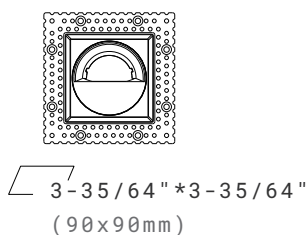
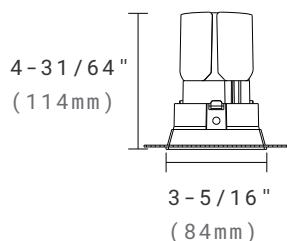
3" CORLA DOWNLIGHT

Hotel Series

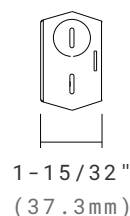
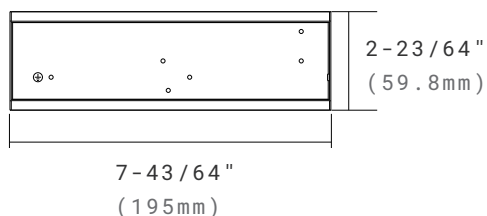
Trims



**Square
Wall Washer
Trimless**



Remodel Mounted Driver



ORDERING INFORMATION

EXAMPLE	COR	03	10	35	90	1	XD	38
	1	2	3	4	5	6	7	8

1. Series

- ☒ COR- Corla LED Module

2. Size

- ☐ 03 - 3 inch Module

3. Wattage (single module)

- ☐ 10- 10W ☐ 15- 15W

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°
 * 30°*40°(with wall washing trim)
☐ 38 - 38° ☐ 55 - 55°
 * 40°*50°(with wall washing trim)

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.

Optical Accessory Options

- ☐ COR03-HCB 
 Honeycomb Filter
☐ COR03-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.

ORDERING INFORMATION

Trim Options

Example: CORH03-R-ADJ-BS-WOT

Series	Trims	Tilting	Reflector Finish	Trim Style
CORH03	☐ R- Round  ☐ S- Square 	☐ ADJ- Adjustable  ☐ DL- Fixed  * DL Not available for square trim.	☐ BK- Black  ☐ BS- Bright Silver  ☐ MS- Matt Silver  ☐ WH- White 	☐ WH- White Trim  ☐ WOT- Flangeless  * White trim is standard finish. Customized finish color is available at an additional fee.

Series	Trims	Light Distribution	Reflector Finish	Trim Style
CORH03	☐ R- Round  ☐ S- Square 	☐ WW- Wall Washing	☐ BK- Black  ☐ BS- Bright Silver  ☐ MS- Matt Silver  ☐ GD - Gold 	☐ WH- White Trim  ☐ WOT- Flangeless  * White trim is standard finish. Customized finish color is available at an additional fee.

CORH03-R-ADJ-BK-WH 	CORH03-R-DL-BK-WH 	CORH03-R-ADJ-BK-WOT 	CORH03-R-DL-BK-WOT 	CORH03-S-ADJ-BK-WH 
CORH03-S-ADJ-BK-WOT 	CORH03-R-WW-MS-WH 	CORH03-R-WW-MS-WOT 	CORH03-S-WW-MS-WH 	CORH03-S-WW-MS-WOT 

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:

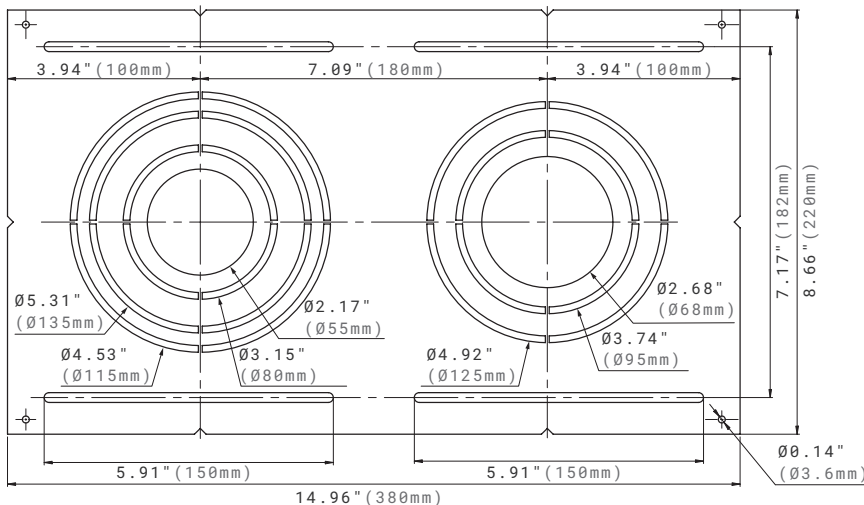
Step 1. Identify the Cutout Size: Locate the Corla Downlight model in the table below and note its required cutout dimension.

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



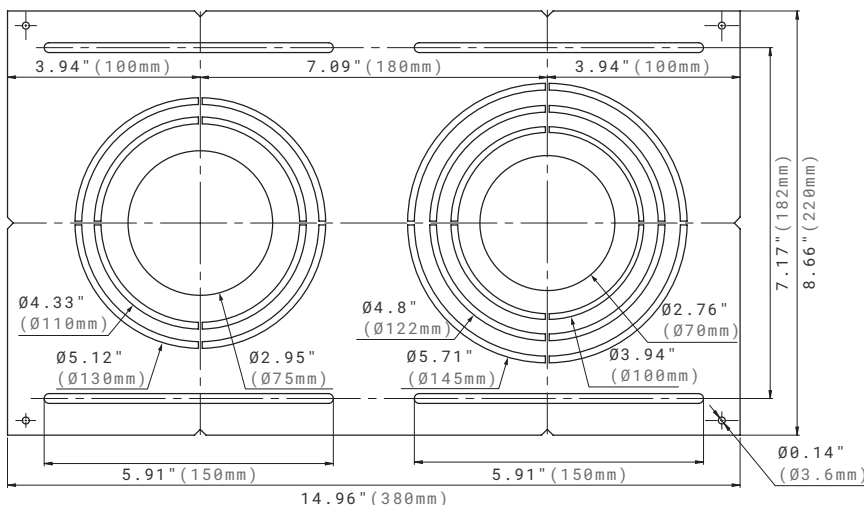
Part#

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.

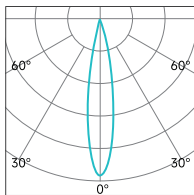
Compatible cutouts:

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

PHOTOMETRY

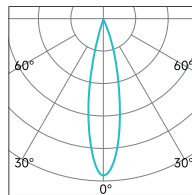
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.

10W



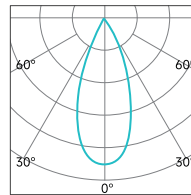
D(ft)	h(ft)	E(fc)
1.139	3.28	458.8
2.277	6.56	114.7
3.416	9.84	50.97
4.554	13.12	28.67
5.693	16.4	18.35

15°



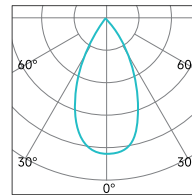
D(ft)	h(ft)	E(fc)
1.528	3.28	355.5
3.057	6.56	88.86
4.585	9.84	39.49
6.114	13.12	22.22
7.642	16.4	14.22

24°



D(ft)	h(ft)	E(fc)
2.255	3.28	209
4.51	6.56	52.24
6.764	9.84	23.22
9.019	13.12	13.06
11.27	16.4	8.358

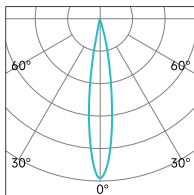
38°



D(ft)	h(ft)	E(fc)
3.028	3.28	116.9
6.056	6.56	29.22
9.084	9.84	12.99
12.11	13.12	7.305
15.14	16.4	4.675

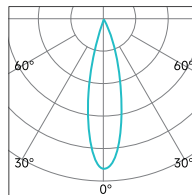
55°

15W



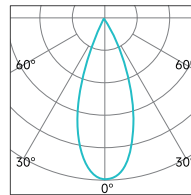
D(ft)	h(ft)	E(fc)
1.134	3.28	609.6
2.269	6.56	152.4
3.403	9.84	67.74
4.538	13.12	38.1
5.672	16.4	24.38

15°



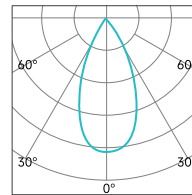
D(ft)	h(ft)	E(fc)
1.524	3.28	471.4
3.047	6.56	117.8
4.571	9.84	52.38
6.095	13.12	29.46
7.618	16.4	18.86

24°



D(ft)	h(ft)	E(fc)
2.18	3.28	277.2
4.36	6.56	69.3
6.541	9.84	30.8
8.721	13.12	17.33
10.9	16.4	11.09

38°

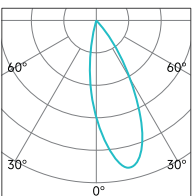


D(ft)	h(ft)	E(fc)
3.027	3.28	154.8
6.054	6.56	38.7
9.081	9.84	17.2
12.11	13.12	9.676
15.13	16.4	6.193

55°

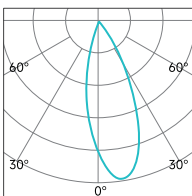
Above test data is based on **Round Adjustable** trim with 3000K 90CRI LED.

Wall Washing 10W



D(ft)	h(ft)	E(fc)
1.9	3.28	57.11
3.8	6.56	14.28
5.701	9.84	6.345
7.601	13.12	3.569
9.501	16.4	2.284

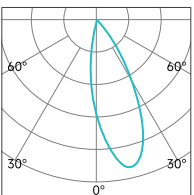
15° (with trim:30°*40°)



D(ft)	h(ft)	E(fc)
2.295	3.28	54.09
4.59	6.56	13.52
6.886	9.84	6.01
9.181	13.12	3.381
11.48	16.4	2.164

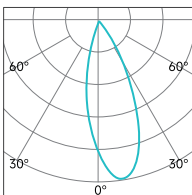
38° (with trim:40°*50°)

Wall Washing 15W



D(ft)	h(ft)	E(fc)
1.902	3.28	72.67
3.804	6.56	18.17
5.706	9.84	8.075
7.608	13.12	4.542
9.51	16.4	2.907

15° (with trim:30°*40°)



D(ft)	h(ft)	E(fc)
2.287	3.28	67.76
4.575	6.56	16.94
6.862	9.84	7.529
9.15	13.12	4.235
11.44	16.4	2.711

38° (with trim:40°*50°)

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

PERFORMANCE DATA

Table with 7 columns: POWER, CCT, CRI, BEAM OPTIC, LUMENS (lm), EFFICACY (lm/W), MAX CANDELA (cd). It contains performance data for 10W and 15W models at 3000K CCT and 90 CRI, showing beam spread options and their corresponding lumen, efficacy, and candela values.

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

Table with 7 columns: POWER, CCT, CRI, BEAM OPTIC, LUMENS (lm), EFFICACY (lm/W), MAX CANDELA (cd). It contains performance data for 10W and 15W models at 3000K CCT and 90 CRI, specifically for Round Wall Washing trim, showing beam spread options and their corresponding lumen, efficacy, and candela values.

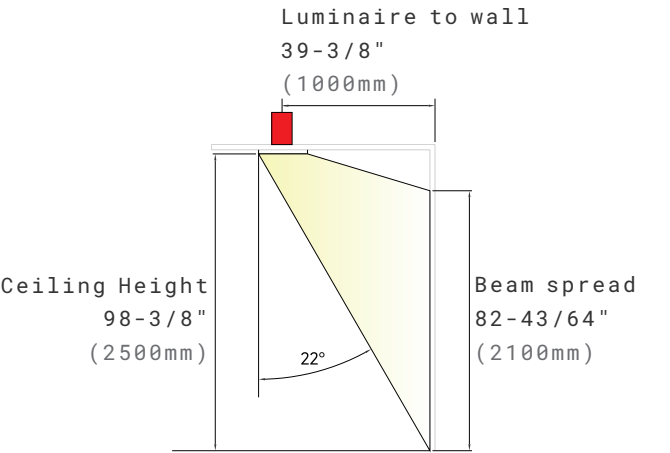
Above test data is based on Round Wall Washing trim with 3000K 90CRI LED.

LUMEN MULTIPLIERS

Table with 2 columns: CCT, MULTIPLIER. It lists lumen multiplier values for different CCTs: 2700K (0.95), 3000K (1.00), 3500K (1.04), and 4000K (1.06).

SUGGESTED SPACING FOR WALL WASHING

Side View



Plan View

