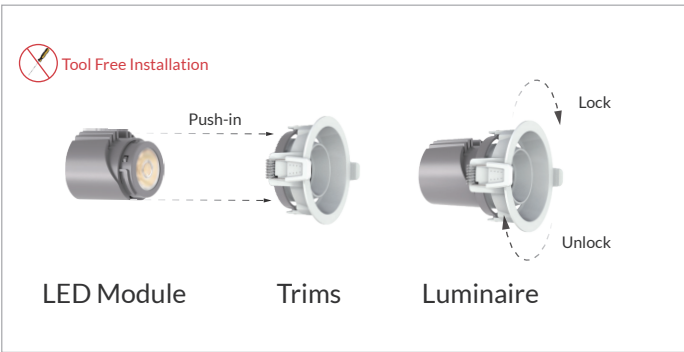
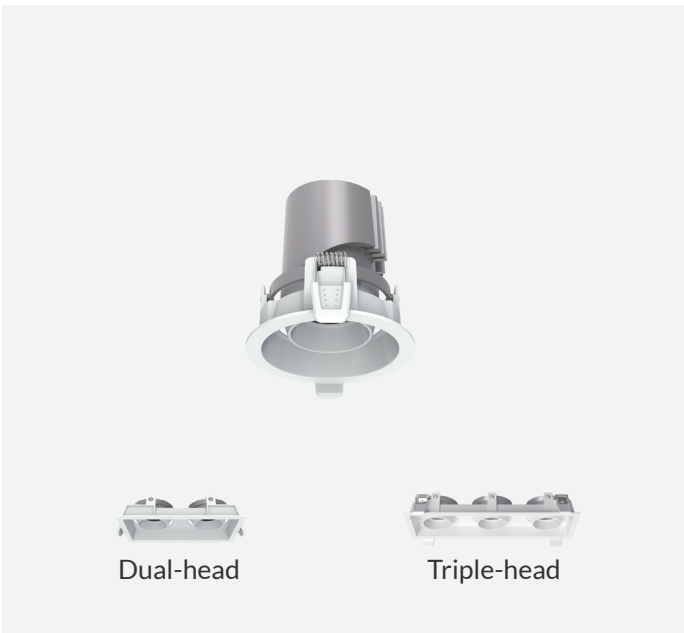




The Corla Downlight System revolutionizes interior lighting through modular adaptability. Featuring precision-engineered optics and adjustable configurations, the system delivers exceptional light quality with superior optical control.

TECHNICAL DATA

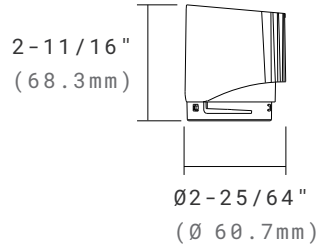
Wattage	10W, 15W (single module)
CRI	90, SDCM<3
CCT	2700K, 3000K, 3500K, 4000K Dim to Warm: 2000K-3000K
Dimming	Triac dimming (1%-100%) 0-10V dimming (3%-100%)
Input Voltage	120-277V, 50/60Hz
Projected Lifetime	L80-50,000 hours
Working Temperature	-4°F to 104°F (-20°C to 40°C)
Certifications	ETL Listed 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:** 6 mounting trims and tool-free interchangeable components.
- **Precise Light Control:** 6 beam angles (15°/24°/38°/55° /30°*40°/40°*50°), anti-glare accessories, and a 38° cut-off angle.
- **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

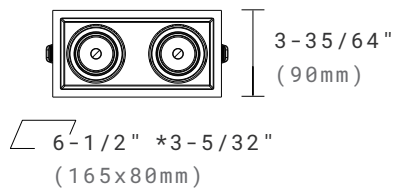
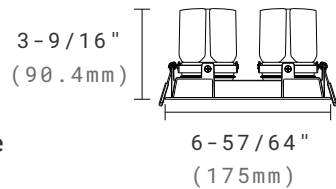
LED Module



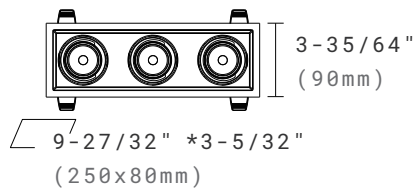
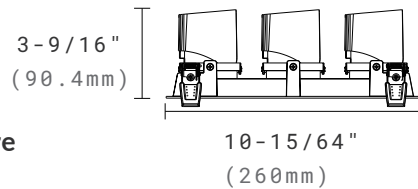
Trims



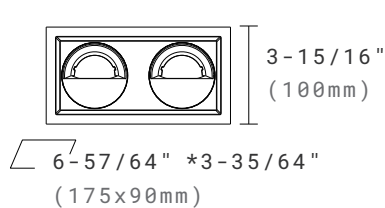
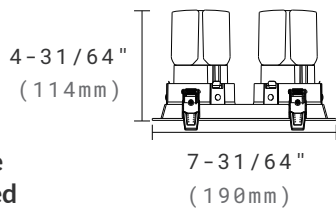
Dual-head Square Adjustable



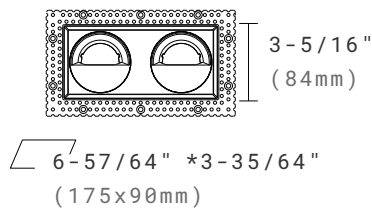
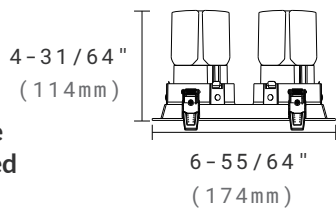
Triple-head Square Adjustable



Dual-head Square Wall Washer, Fixed

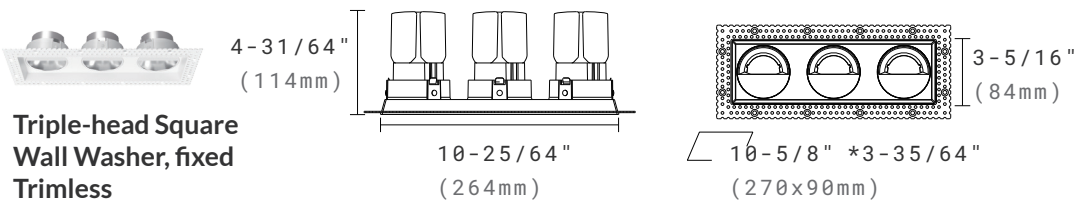
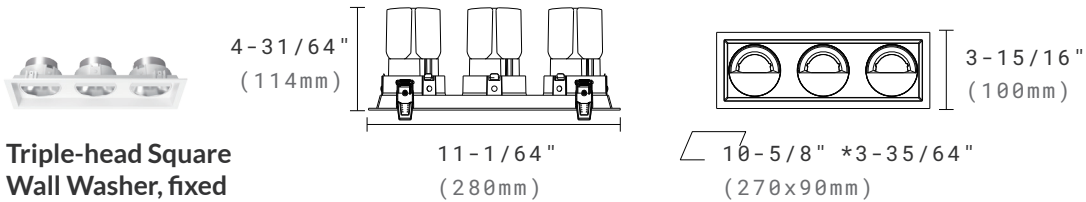


Dual-head Square Wall Washer, Fixed Trimless

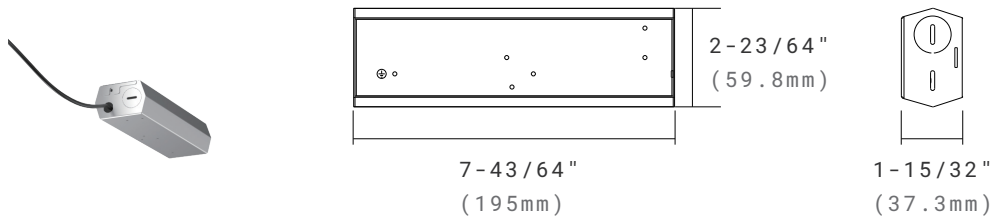


SPECIFICATION

Trims



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)

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: CORC03-2H-S-ADJ-WH

Series	Trims	Trims	Tilting	Trim Style
CORC03	☐ 2H - Dual-head ☐ 3H - Triple-head	☐ S - Square	☐ ADJ - Adjustable 	☐ WH - White Trim  * White trim is standard finish. Customized finish color is available at an additional fee.

Example: CORH03-2H-WW-BK-WH

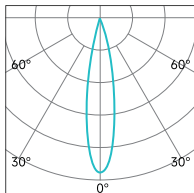
Series	Trims	Light Distribution	Reflector Finish	Trim Style
CORH03	☐ 2H - Dual-head ☐ 3H - Triple-head	☐ WW - Wall Washing	☐ BK - Black  ☐ BS - Bright Silver  ☐ MS - Matt Silver  ☐ GD - Gold 	☐ WH - White Trim  ☐ WOT - Flangeless  * White trim is standard finish. Customized finish color is available at an additional fee.



PHOTOMETRY

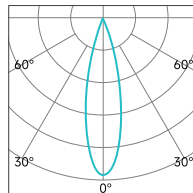
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.

10W



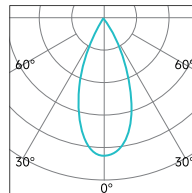
D(ft)	h(ft)	E(fc)
1.134	3.28	474.3
2.269	6.56	118.6
3.403	9.84	52.7
4.538	13.12	29.64
5.672	16.4	18.97

15°



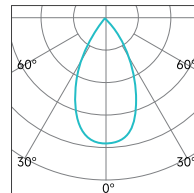
D(ft)	h(ft)	E(fc)
1.523	3.28	362
3.046	6.56	90.51
4.569	9.84	40.23
6.092	13.12	22.63
7.615	16.4	14.48

24°



D(ft)	h(ft)	E(fc)
2.446	3.28	199.3
4.892	6.56	49.82
7.338	9.84	22.14
9.784	13.12	12.45
12.23	16.4	7.97

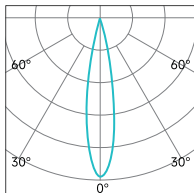
38°



D(ft)	h(ft)	E(fc)
3.294	3.28	107.6
6.587	6.56	26.91
9.881	9.84	11.96
13.17	13.12	6.728
16.47	16.4	4.306

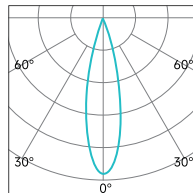
55°

15W



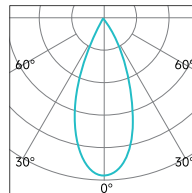
D(ft)	h(ft)	E(fc)
1.132	3.28	640.8
2.263	6.56	160.2
3.395	9.84	71.19
4.526	13.12	40.05
5.658	16.4	25.63

15°



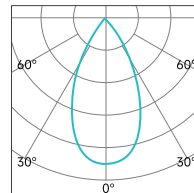
D(ft)	h(ft)	E(fc)
1.517	3.28	481.7
3.034	6.56	120.4
4.551	9.84	53.53
6.068	13.12	30.11
7.585	16.4	19.27

24°



D(ft)	h(ft)	E(fc)
2.45	3.28	263.6
4.9	6.56	65.91
7.35	9.84	29.29
9.799	13.12	16.48
12.25	16.4	10.54

38°

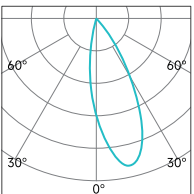


D(ft)	h(ft)	E(fc)
3.299	3.28	145.2
6.599	6.56	36.29
9.898	9.84	16.13
13.2	13.12	9.072
16.5	16.4	5.806

55°

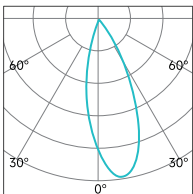
Above test data is based on **Round Adjustable** trim with 3000K 90CRI LED.

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

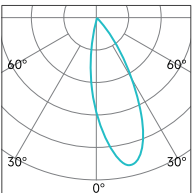
15° (with trim:30°*40°)



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

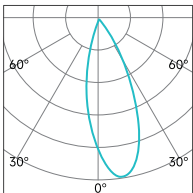
38° (with trim:40°*50°)

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

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
10W	3000K	90	15°	878	85	5109
			24°	935	90	3898
			38°	988	99	2125
			55°	931	94	1159
15W	3000K	90	15°	1191	82	6872
			24°	1228	85	5184
			38°	1320	94	2840
			55°	1105	80	1372

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

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
10W	3000K	90	15° (with trim: 30°*40°)	390	35	632
			38° (with trim: 40°*50°)	445	39	597
15W	3000K	90	15° (with trim: 30°*40°)	496	30	805
			38° (with trim: 40°*50°)	555	34	745

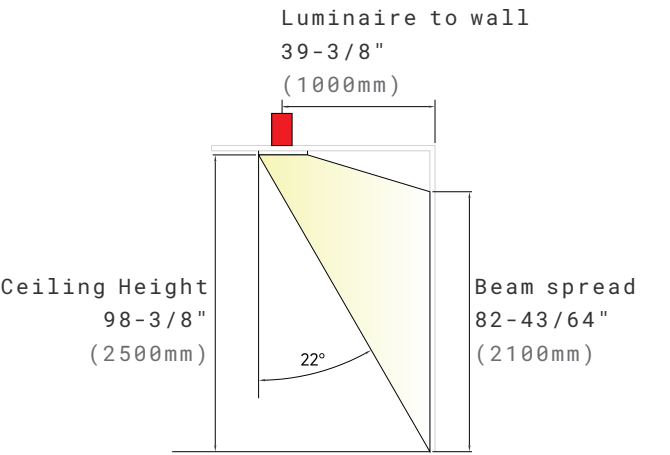
Above test data is based on Round Wall Washing trim with 3000K 90CRI LED.

LUMEN MULTIPLIERS

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

SUGGESTED SPACING FOR WALL WASHING

Side View



Plan View

