

RIO 6

BI-DIRECTIONAL CYLINDER

SPECIFICATION SHEET STATIC WHITE

Housing

Diameter : Ø6.38" | Height : 11.8" | Weight : 8.4 lbs (Small), 11.5" (Large)

Material

Housing : Extruded Aluminum

Optics : Aluminum Reflector

Power Input

Downlight : 25W, 45W, 70W | 120V, 120-277V

Uplight : 25W, 45W | 120V, 120-277V

Lumen Output

Downlight : 3,265 lm (25W), 5,875 lm (45W), 9,135 lm (70W)

Uplight : 3,305 lm (25W), 5,955 lm (45W)

Dimming

Superior 0-10V : Dims to off

TRC : Linear line-voltage phase control, dims to 1%

DALI : Dims to 1%

Color Quality

CRI 85, CRI 93 | UGR ≤ 19

Rated Life

> 100,000 Hours (L70)

Finish



Black



White

Color Temperature



2700K



3000K



3500K



4000K

Optics



25°



40°



60°



WIDE

Mounting



Cord Mount



Cord Mount Remote Power

Warranty

5 Year limited warranty

Listing



Power and Balance

The Rio Series is a clean, architectural bi-directional cylinder offered in 4" and 6" apertures, designed for spaces where form and performance carry equal weight. Selectable wattage options allow designers to balance uplight and downlight or bias the output downward, with separate dimming control for each channel to fine-tune comfort and visual hierarchy.

With efficacies exceeding 140 lm/W, Rio delivers high output with minimal energy demand. An integrated suspension and power cable keeps the profile uncluttered and installation straightforward. An outdoor-rated option is available for cohesive indoor-to-outdoor design continuity.



SPECIFICATION SHEET / STATIC WHITE

RIO 6 BI-DIRECTIONAL
CYLINDER

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

RIO6	MODEL	RIO 6		
	WATTAGE	50 Downlight: 25W Uplight: 25W 95 Downlight: 70W Uplight: 25W	70 Downlight: 45W Uplight: 25W	90 Downlight: 45W Uplight: 45W
	CCT / CRI	278 2700K / CRI 85 309 3000K / CRI 93 408 4000K / CRI 85	279 2700K / CRI 93 358 3500K / CRI 85	308 3000K / CRI 85 359 3500K / CRI 93
	VOLTAGE	120 120V	UNV 120 – 277V	
	DIMMING	NOD Non-Dimming TRC ² Linear line-voltage phase control, dims to 1%	SPVS ¹ Superior 0-10V dims to off Single (Up/Down Together) DALID ³ DALI dims to 1% Dual (Up/Down Separately)	SPVD ¹ Superior 0-10V dims to off Dual (Up/Down Separately)
	BEAM ANGLE	Downlight 25 25° WD ⁴ Wide	40 40°	60 60°
		Uplight 25 25° WD ⁴ Wide	40 40°	60 60°
	FINISH	BLK Black	WHT White	
	MOUNTING	CM#(2/4/6/8/10) ⁵ Thin Cord Mount (2, 4, 6, 8, 10 ft.)	CM#RM(2/4/6/8/10) ^{5,6} Thin Cord Mount with Remote Power (2, 4, 6, 8, 10 ft.)	
	ACCESSORIES	EMP Remote Emergency Pack	HC ⁷ Hex Cell Louver	

 CLEAR FORM
¹ SPV with 95W does not support dimming to off² TRC is only compatible with 120V and is not compatible with 95W³ DALI with 95W can only dim to 10%⁴ WD option reduces delivered lumens by ~20%⁵ Replace "#" with the required length designation. ex: CM2, CM4⁶ CM#RM is not compatible with 50W, 70W, 90W⁷ HC reduces delivered lumens by ~30% and is not compatible with WD

TECHNICAL DETAILS

Electrical

- Downlight : 3,265 lm (25W), 5,875 lm (45W), 9,135 lm (70W)
- Uplight : 3,305 lm (25W), 5,955 lm (45W)
- Power Input : 120V, Universal (120-277V)
- Operating Temperature : -13°F~104°F
- Surge Protection : Built-in is 2.5KV
- Power Factor Greater than 0.9
- Remote Emergency Pack : Bodine BSL20B2UEK55C111

LED Features

- Color Temperature : 2700K, 3000K, 3500K, 4000K
- CRI 85, CRI 93
- UGR ≤ 19
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

- Aluminum Reflector
- Beam Angle : 25°, 40°, 60°, WD

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Superior 0-10V : Dims to off
Single Dimming (Controls Up/Down Together)
Dual Dimming (Controls Up/Down Separately)
- TRC : Linear line-voltage phase control, dims to 1%
- DALI : Dims to 1%
Dual Dimming (Controls Up/Down Separately)

Housing

- Diameter : Ø6.38"
- Height : 11.8"
- Canopy Size : 6.5" x 2" (Small), 7.3" x 3.55" (Large)
- Material : Extruded Aluminum
- Weight : 8.4 lbs (Small), 11.5" (Large)

Mounting

- Thin Cord Mount 2ft, 4ft, 6ft, 8ft, 10ft
- Thin Cord Mount 2ft, 4ft, 6ft, 8ft, 10ft with Remote Power

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- CE
- FCC

PERFORMANCE SUMMARY*

Delivered Lumens						
TOTAL WATTAGE	Uplight Wattage	Downlight Wattage	2700K	3000K	3500K	4000K
50W	25W	25W	3,030 / 2,990lm	3,215 / 3,170lm	3,290 / 3,245lm	3,305 / 3,265lm
70W	25W	45W	3,030 / 5,380lm	3,215 / 5,710lm	3,290 / 5,840lm	3,305 / 5,875lm
90W	45W	45W	5,455 / 5,380lm	5,785 / 5,710lm	5,920 / 5,840lm	5,955 / 5,875lm
95W	25W	70W	3,030 / 8,365lm	3,215 / 8,880lm	3,290 / 9,085lm	3,305 / 9,135lm

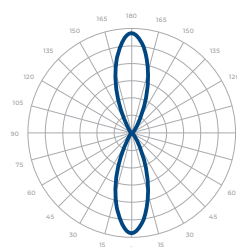
* Tolerance $\pm 8\%$

* For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

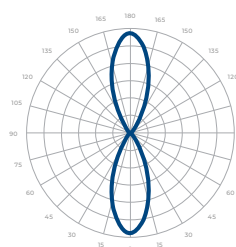
Current Consumption		
WATTAGE / VOLT	120V	277V
50W	0.46A	0.20A
70W	0.64A	0.28A
90W	0.83A	0.36A
95W	0.87A	0.38A

PHOTOMETRICS

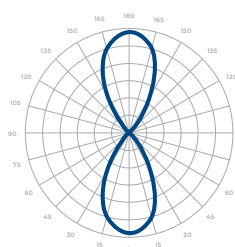
Below is a typical photometric representation of the Rio 6 fixture. Please download IES files to ensure exact photometric value.



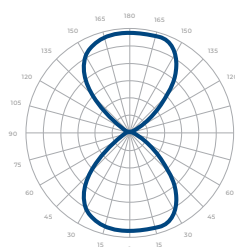
25°



40°

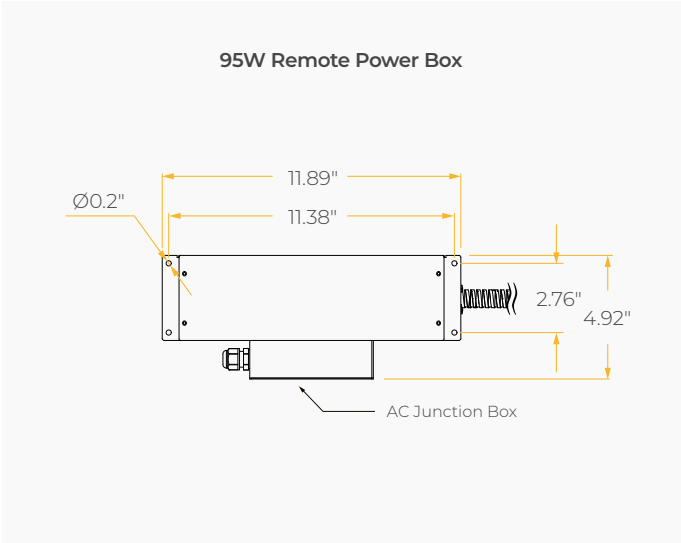
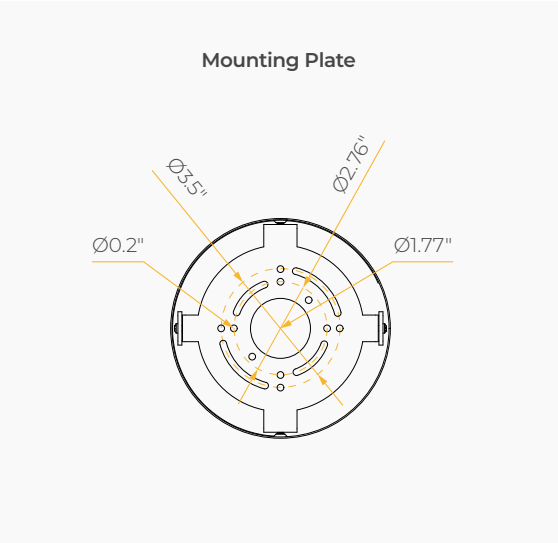
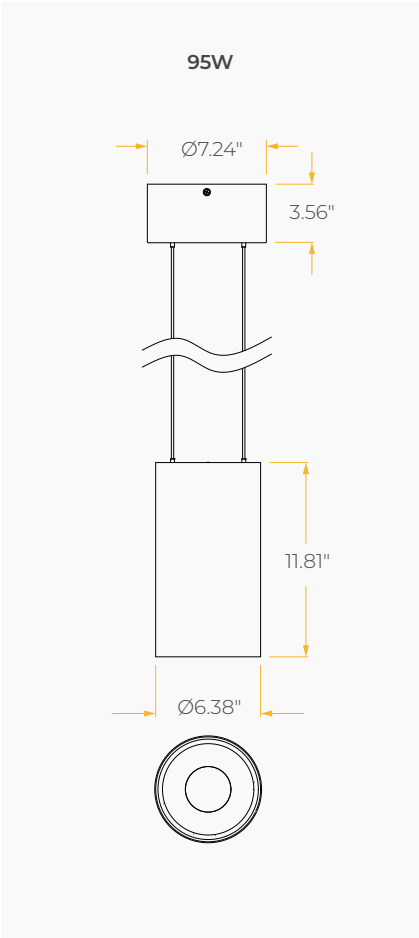
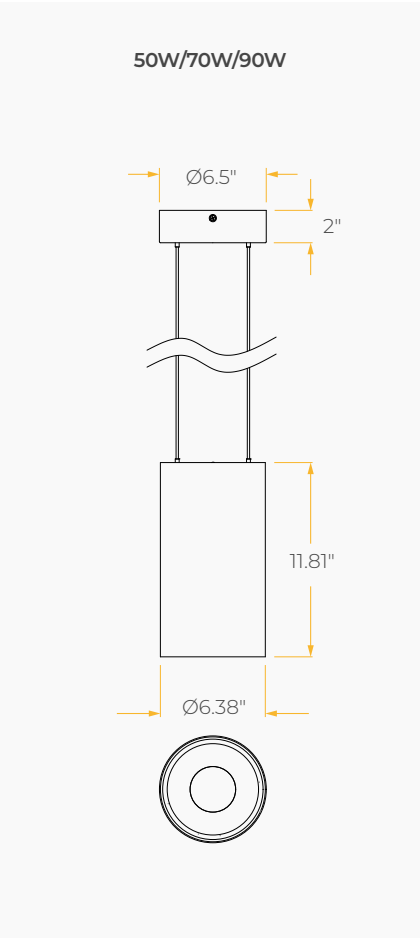


60°



WIDE

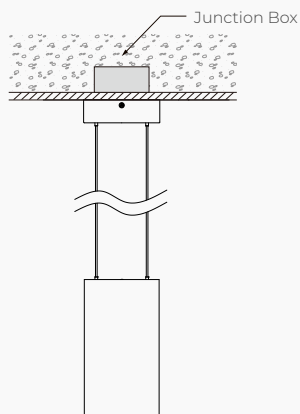
DIMENSIONS



MOUNTING OPTIONS*

*Junction box not included

Thin Cord Mount



Thin Cord Mount with Remote Power

