

RIO 6

BI-DIRECTIONAL CYLINDER

Housing

Diameter : Ø6.38" | Height : 11.8" | Weight : 11.5"

Material

Housing : Extruded Aluminum

Optics : Aluminum Reflector

Power Input

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

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

Lumen Output

Downlight : 2,940 lm (25W), 5,285 lm (45W), 8,220 lm (70W)

Uplight : 2,975 lm (25W), 5,355 lm (45W)

Dimming

Standard 0-10V : Dims to 10%

DALI : Dims to 10%

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

Warranty

5 Year limited warranty

Listing



METEOR

SPECIFICATION SHEET STATIC WHITE OUTDOOR

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.



meteor-lighting.com

SPECIFICATION SHEET / STATIC WHITE OUTDOOR

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
UNV	VOLTAGE	UNV 120 – 277V		
	DIMMING	NOD Non-Dimming DALID DALI dims to 10% Dual (Up/Down Separately)	STVS Standard 0-10V dims to 10% Single (Up/Down Together)	STVD Standard 0-10V dims to 10% Dual (Up/Down Separately)
	BEAM ANGLE	Downlight 25 25° WD¹ Wide	40 40°	60 60°
		Uplight 25 25° WD¹ Wide	40 40°	60 60°
	FINISH	BLK Black	WHT White	
	MOUNTING	CM#(2/4/6/8/10)² Thin Cord Mount (2, 4, 6, 8, 10 ft.)		
	RATING	OUT³ Outdoor Rating	NAT⁴ Natatorium Rating	

¹ WD option reduces delivered lumens by ~20%² Replace "#" with the required length designation. ex: CM2, CM4³ Outing Rating: Coating and wiring will be changed to high UV resistant and corrosion resistant materials for long term operation in outdoor environments⁴ Natatorium rating: Coating and sealant will be changed to high corrosion resistant materials to prevent damage from long term exposure to chlorine vapors

TECHNICAL DETAILS

Electrical

- Downlight : 2,940 lm (25W), 5,285 lm (45W), 8,220 lm (70W)
- Uplight : 2,975 lm (25W), 5,355 lm (45W)
- Power Input : 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
- Standard 0-10V : Dims to 10%
Single Dimming (Controls Up/Down Together)
Dual Dimming (Controls Up/Down Separately)
- DALI : Dims to 10%
Dual Dimming (Controls Up/Down Separately)

Housing

- Diameter : Ø6.38"
- Height : 11.8"
- Canopy Size : 7.3" x 3.55"
- Material : Extruded Aluminum
- Weight : 11.5"

Mounting

- Thin Cord Mount 2ft, 4ft, 6ft, 8ft, 10ft

Warranty

- 5-year limited warranty

Listing

- ETL Wet Location Listed
- CE
- FCC

PERFORMANCE SUMMARY*

Delivered Lumens						
TOTAL WATTAGE	Uplight Wattage	Downlight Wattage	2700K	3000K	3500K	4000K
50W	25W	25W	2,725 / 2,690lm	2,895 / 2,855lm	2,960 / 2,920lm	2,975 / 2,940lm
70W	25W	45W	2,725 / 4,840lm	2,895 / 5,140lm	2,960 / 5,255lm	2,975 / 5,285lm
90W	45W	45W	4,910 / 4,840lm	5,205 / 5,140lm	5,330 / 5,255lm	5,355 / 5,285lm
95W	25W	70W	2,725 / 7,530lm	2,895 / 7,990lm	2,960 / 8,175lm	2,975 / 8,220lm

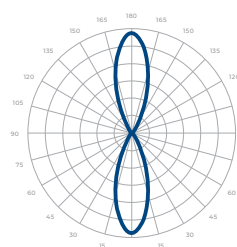
* Tolerance $\pm 8\%$

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

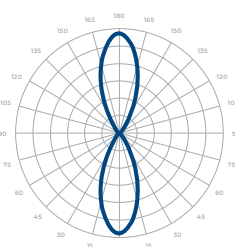
Current Consumption		
WATTAGE / VOLT	120V	277V
50W	0.46A	0.20A
70W	0.64A	0.28A
90W	0.83A	0.36A
95W	0.87A	0.38A

PHOTOMETRICS

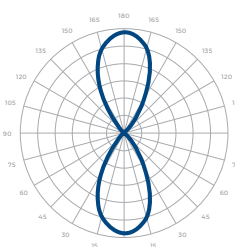
Below is a typical photometric representation of the Duo 6 fixture. Please download IES files to ensure exact photometric value.



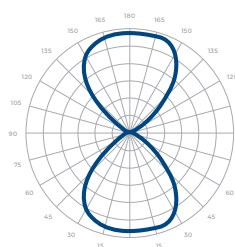
25°



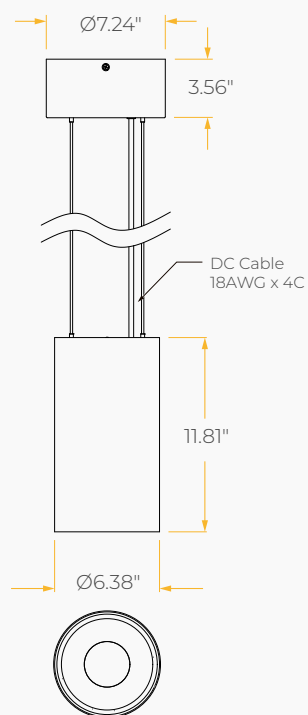
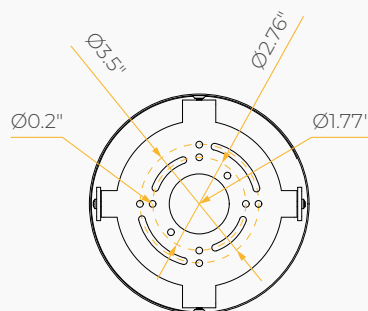
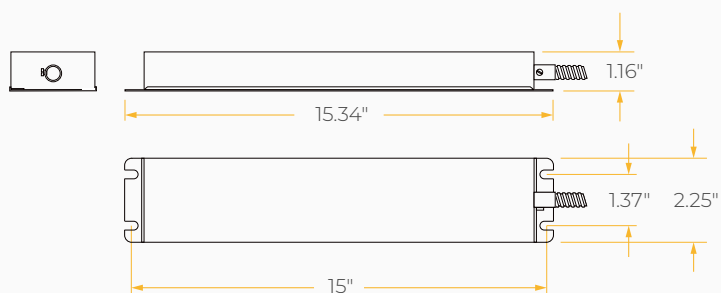
40°



60°



WIDE

DIMENSIONS**Mounting Plate****Remote Emergency Pack**

MOUNTING OPTIONS*

**Junction box not included*

