

# RIO SUB 2 SERIES

## RIO SUB 2.1, 2.2

Slim, sleek and tough, the Rio Sub Series can be used for outdoor and underwater applications and illuminates ground, wall and ceiling installations with no dark zone between fixtures. Available in Static White or RGB and with the use of the aluminum housing is walkover up to 1102 lbs.



Fixture Dimensions  
See page 2 for chart

### TECHNICAL DATA

<b>Wattage / Input</b>	See Chart on page 2. (24VDC)
<b>Power Supply</b>	Remote, not included. See page 3.
<b>Construction</b>	Body: 316L Stainless Steel End Caps: 316L Stainless Steel Lens: Opal PMMA Cable Length: 16.4'
<b>CCT</b>	2600K, 2800K, 3700K, RGB
<b>CRI</b>	>80
<b>Delivered Lumens</b>	See Chart on page 2.
<b>Efficacy</b>	Rio Sub 2.1: 29 lm/W (White) Rio Sub 2.2: 30.5 lm/W (White) Both: 11.8 lm/W (RGB)
<b>Optics</b>	Diffuse
<b>Finishes</b>	N/A
<b>Cut-Out Dimensions</b>	See Chart on page 2.
<b>Fixture Dimensions</b>	See Chart on page 2.
<b>Fixture Weight</b>	See Chart on page 2.
<b>LED Source</b>	SMD Low Power (SW and RGB)
<b>Lumen Maintenance</b>	L80>50,000hrs
<b>Color Consistency</b>	3-Step MacAdam
<b>Operating Temp.</b>	-4°F to +113°F
<b>IP Rating</b>	IP68
<b>Impact Rating</b>	IK10
<b>Walkover</b>	Up to 1102 lbs

**OUTER CASING REQUIRED**

### ORDERING INFORMATION

Example: RS21005DB. Accessories / Power Supplies ordered separately.

		DB
<b>Model No.</b>	<b>CCT</b>	<b>Optics</b>
RS2100 - Rio Sub 2.1	F - 2600K	DB - Diffuse
RS2200 - Rio Sub 2.2	5 - 2800K	
	9 - 3700K	
	6 - RGB	

Job Name/Date:

Fixture Type Designation:

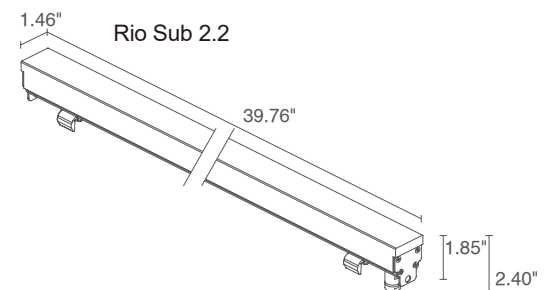
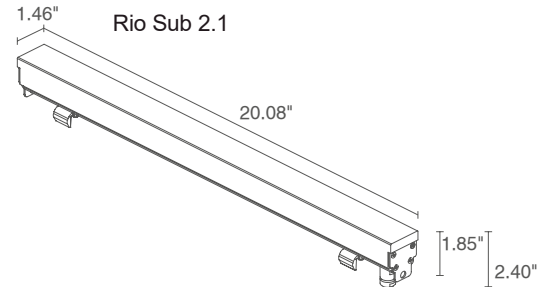
# RIO SUB 2 SERIES

## RIO SUB 2.1, 2.2

### TECHNICAL DATA

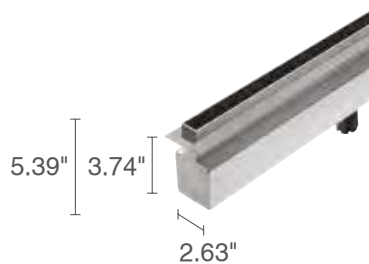
	RIO SUB 2.1		RIO SUB 2.2	
	WHITE	RGB	WHITE	RGB
<b>Wattage</b>	10W	8.5W	19W	17W
<b>Delivered Lumens (2800K)</b>	290 lm	100 lm	580 lm	200 lm
<b>Fixture Dim. (l,w,h)</b>	20.08" x 1.46" x 2.40"		39.76" x 1.46" x 2.40"	
<b>Cut-Out Size (l,w)</b>	2.68" x 21.46"		2.68" x 41.14"	
<b>Fixture Weight</b>	3.02 lbs		6.00 lbs	

### Fixture Dimensions



### ACCESSORIES

#### Installation



**Stainless Steel**  
**Outer Casing REQUIRED**  
**WC8651** - Rio Sub 2.1 (L 21.46")  
**WC8652** - Rio Sub 2.2 (L 41.14")



**WN6006 - Extractors (Pair)**  
 For Outer Casings  
 Rio Sub 1.1, Rio Sub 1.2

Job Name/Date:

Fixture Type Designation:

# RIO SUB 2 SERIES

## RIO SUB 2.1, 2.2

### SUGGESTED POWER SUPPLIES

24VDC - FOR USE WITH FOUNTAIN / WATER FEATURES

Part Number	Description	Input/Output	# of Fixtures	
			Rio Sub 2.1	Rio Sub 2.2
<a href="#">FPV-100000024</a>	Non-Dim	120-277VAC to 24VDC, 100W, Class 2	1-8	1-4
<a href="#">FPV-100100024</a>	0-10V Dimming to 1.0%	120-277VAC to 24VDC, 100W, Class 2	1-8	1-4
<a href="#">FPV-100EL0024</a>	DMX / RDM (Field Addressable) / DALI	120-277VAC to 24VDC, 100W, Class 2	1-8	1-4

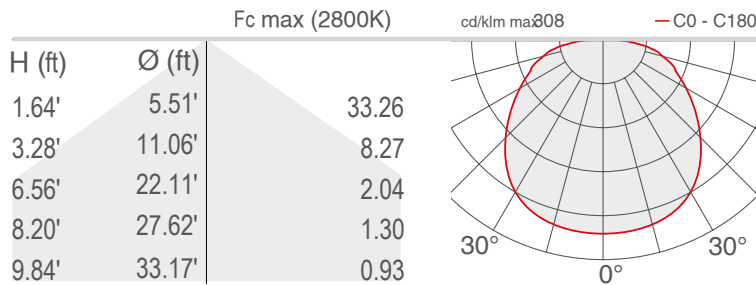
RGB, 24VDC - FOR USE WITH FOUNTAIN / WATER FEATURES

Part Number	Description	Input/Output	# of Fixtures / Power Supply	
			Rio Sub 2.1	Rio Sub 2.2
<a href="#">FPV-100EL0024</a>	DMX / RDM (Field Addressable) / Dali	120-277VAC to 24VDC, 100W, Class 2, DRY	1-9	1-4

For other power supply options consult factory.

### PHOTOMETRIC DATA

#### D - Diffuse



Job Name/Date:

Fixture Type Designation: