

RIO SUB 1 SERIES

RIO SUB 1.1, 1.2

designplan®

datasheet

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 RGBW and with the use of the aluminum housing is walkover up to 1100 lbs.

TECHNICAL DATA

Wattage / Input	See Chart on page 2. (24VDC)
Power Supply	Remote, not included. See page 3.
Construction	Body: PMMA / 316L Stainless Steel End Caps: 316L Stainless Steel Lens: Opal PMMA Cable Length: 16.4'
CCT	2600K, 2800K, 3700K, RGBW
CRI	>80
BUG Rating	B0-U1-G0 (2800K)
Delivered Lumens	See Chart on page 2.
Efficacy	23.3 lm/W (White), 15.7 lm/W (RGBW)
Optics	Diffuse
Finishes	N/A
Cut-Out Dimensions	See Chart on page 2.
Fixture Dimensions	See Chart on page 2.
Fixture Weight	See Chart on page 2.
LED Source	48 SMD Low Power (SW), SMD full-colour LED+white LED (RGBW)
Lumen Maintenance	L95, B10>50,000hrs
Color Consistency	3-Step MacAdam
Operating Temp.	-4°F to +113°F
IP Rating	IP68
Impact Rating	IK10
Walkover	Up to 1100 lbs



UL 676



Fixture Dimensions
See page 2 for chart

OUTER CASING REQUIRED

ORDERING INFORMATION

Example: RS11005DB. Accessories / Power Supplies ordered separately.

		DB
Model No.	CCT	Optics
RS1100 - Rio Sub 1.1	F - 2600K	DB - Diffuse
RS1200 - Rio Sub 1.2	5 - 2800K	
	9 - 3700K	
	7 - RGBW	

Job Name/Date:

Fixture Type Designation:

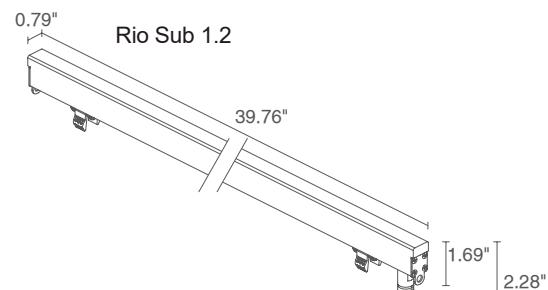
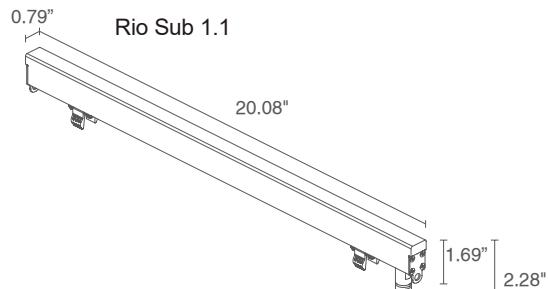
RIO SUB 1 SERIES

RIO SUB 1.1, 1.2

TECHNICAL DATA

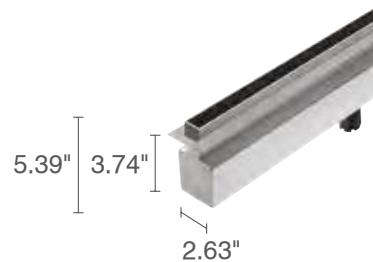
	RIO SUB 1.1		RIO SUB 1.2	
	WHITE	RGBW	WHITE	RGBW
Wattage	6W	11W	12W	23W
Delivered Lumens (2800K)	140 lm	180 lm	280 lm	360 lm
Fixture Dim. (l,w,h)	20.08" x 0.79" x 2.28"		39.76" x 0.79" x 2.28"	
Cut-Out Size (l,w)	2.28" x 21.46"		2.28" x 41.14"	
Fixture Weight	1.63 lbs		3.24 lbs	

Fixture Dimensions



ACCESSORIES

Installation



Stainless Steel Outer Casing REQUIRED
WC8551 - Rio Sub 1.1 (L 21.46")
WC8552 - Rio Sub 1.2 (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 1 SERIES

RIO SUB 1.1, 1.2

designplan®

datasheet

SUGGESTED POWER SUPPLIES

24VDC - FOR USE WITH FOUNTAIN / WATER FEATURES

Part Number	Description	Input/Output	# of Fixtures	
			Rio Sub 1.1	Rio Sub 1.2
FPV-100000024	Non-Dim	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-13	1-6
FPV-100100024	0-10V Dimming to 1.0%	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-13	1-6
FPV-100EL0024	DMX / RDM (Field Addressable) / DALI	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-13	1-4

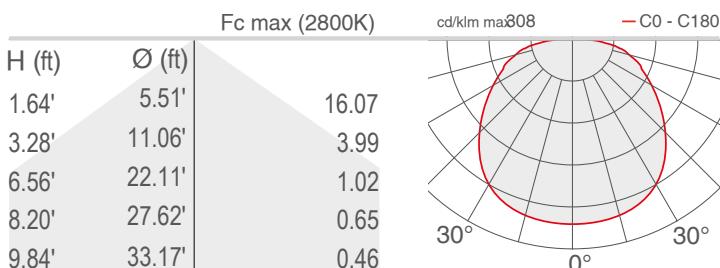
RGBW, 24VDC - FOR USE WITH FOUNTAIN / WATER FEATURES

Part Number	Description	Input/Output	# of Fixtures / Power Supply	
			Rio Sub 1.1	Rio Sub 1.2
FPV-100EL0024	DMX / RDM (Field Addressable) / Dali	120-277VAC to 24VDC, 100W, IP66, NEMA 4X	1 - 9	1 - 4

For other power supply options consult factory.

PHOTOMETRIC DATA

D - Diffuse



Job Name/Date:

Fixture Type Designation: