RIO SUB 1.1, 1.2

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 1100 lbs.

TECHNICAL DATA

Wattage / Input	See Chart on page 2. (24VDC)		
Power Supply	Remote, not included. See page 3.		
Construction	Body: 316L Stainless Steel		
	End Caps: 316L Stainless Steel		
	Lens: Opal PMMA		
	Cable Length: 16.4'		
ССТ	2600K, 2800K, 3700K, RGB		
CRI >80			
Delivered Lumens	See Chart on page 2.		
Efficacy	23 lm/W (White), 11.8 lm/W (RGB)		
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	SMD Low Power (SW), SMD Full Color (RGB)		
Lumen Maintenance	nen Maintenance L80>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		

ORDERING INFORMATION

Example: RS11005DB. Accessories / Power Supplies ordered separately.

		DB
Model No.	ССТ	Optics
RS1100 - Rio Sub 1.1	F - 2600K	DB - Diffuse
RS1200 - Rio Sub 1.2	5 - 2800K	
	9 - 3700K	
	6 - RGB	

Job Name/Date:

Fixture Type Designation:

designplan@

datasheet



Fixture Dimensions See page 2 for chart

OUTER CASING REQUIRED

sales@designplan.com www.designplan.com

RIO SUB 1.1, 1.2

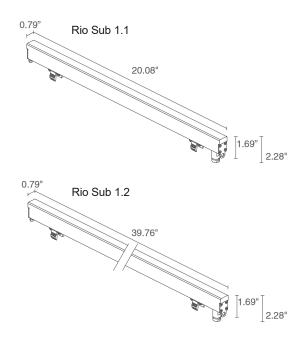
designplan®

datasheet

TECHNICAL DATA

	RIO SUB 1.1		RIO SUB 1.2		
	WHITE	RGB	WHITE	RGB	
Wattage	6W 8.5W		12W	17W	
Delivered Lumens (2800K)	140 lm	100 lm	280 lm	200 lm	
Fixture Dim. (I,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		1.63 lbs 3.24 lbs		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:

sales@designplan.com www.designplan.com **79 Trenton Avenue, Frenchtown NJ 08825** © Copyright 2018 Designplan Lighting, Inc. Published: September 25, 2023

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-10000024	Non-Dim	120-277VAC to 24VDC, 100W, Class 2	1-13	1-6
FPV-100100024	0-10V Dimming to 1.0%	120-277VAC to 24VDC, 100W, Class 2	1-13	1-6
FPV-100EL0024	DMX / RDM (Field Addressable) / DALI	120-277VAC to 24VDC, 100W, Class 2	1-13	1-4

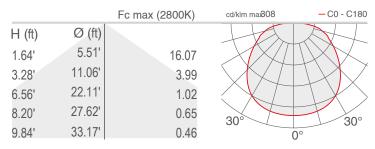
RGB, 24VDC - FOR USE WITH FOUNTAIN / WATER FEATURES

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

For other power supply options consult factory.

PHOTOMETRIC DATA

D - Diffuse



Job Name/Date:

Fixture Type Designation: