F15 Mono Color LED Linear Flex

F15-24V-3528-72-2200K-6500K

Specification
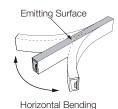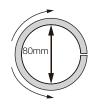

21mm

11.5mm

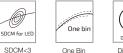**Dimension**

Emitting Surface

Horizontal Bending

80mm

Min. Bending Diameter

120° Beam Angle	Ansi C78.377	SDCM for LED	One bin	Dimmable	IP68 Submersible
Beam Angle	Ansi C78.377	SDCM<3	One Bin	Dimmable	Submersible
50°C -25°C Ambient Temp.	III Class 3	LM-80	IK08	UV Resistant	Flame Resistant
Ambient Temp.	Class 3	LM-80	IK08	UV resistant	Flame Resistant
Saltwater Resist.	Solvents Resist.	Dirt Resistant	CE	RoHS	UL Listed
Saltwater Resistant	Solvents Resistant	Dirt Resistant	CE	RoHS	UL Listed
CB	3 years warranty				
CB	Warranty				

Technical Parameters

Electrical		Optional Color	Lumen Output
Input Voltage	24V DC	2200K(2238±102K)	127lm/m
Power Consumption	5W/m	2700K(2725±145K)	130lm/m
Physical		3000K(3045±175K)	130lm/m
LED Count	72 LEDs/m	3500K(3465±245K)	130lm/m
Cutting Unit	12 LEDs	4000K(3985±275K)	142lm/m
Cutting Unit Length	166.7mm	4500K(4503±243K)	145lm/m
Minimum Bend Diameter	80mm	5000K(5029±283K)	150lm/m
Output		6500K(6532±510K)	160lm/m
LED Light	Epistar SMD LED 3528	Green(520-530nm)	119lm/m
CRI	>80, >90	Blue (455-465nm)	20lm/m
Max Run Length*		Red (620-630nm)	45lm/m
Single Feed	15M	Pink(610-620nm)	53lm/m
Double Feed	30 M	Amber(585-595nm)	37lm/m
Beam Angle	120°	Orange(595-605nm)	35lm/m
Lumen Maintenance	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C		
Temperature Ranges			
Installation	0°C to 50°C		
Operating	-25°C to 50°C		
Dependability			
Warranty	3 Years Warranty		
IP Rating	IP68 Wet location submersible <2m		

Illuminance Distribution

UNIT:cd
C0/180,116.1deg
C30/210,115.8deg
C60/240,113.8deg
C90/270,106.1deg

AVERAGE BEAM ANGLE(50%):112.9DEG

Illuminance-Distance Curve

Height	Center E	Average E	Diameter
1.0m	3.281ft 3.228fc 34.747lx	1.211fc 13.040lx 10.555ft 3.217m	
2.0m	6.562ft 0.807fc 8.687lx	0.303fc 3.260lx 21.110ft 6.43m	
3.0m	9.843ft 0.359fc 3.861lx	0.135fc 1.449lx 31.666ft 9.652m	
4.0m	13.123ft 0.202fc 2.172lx	0.076fc 0.815lx 42.221ft 12.869m	
5.0m	16.404ft 0.129fc 1.390lx	0.048fc 0.522lx 52.776ft 16.086m	

Beam Angle:116.3 DEG

White Color Charts

(X,Y) Chromaticit y Diagram

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Connection

DIM Pannel

DALI Driver

OSRAM

LUTRON
LIGHTING CONTROLS

DIM Pannel

DMX Driver

DMX Master

Nicolaudie
Architectural

DIM Pannel

0/1-10V Driver

DIM Pannel

Triac Driver

LED Driver

AC110~240V