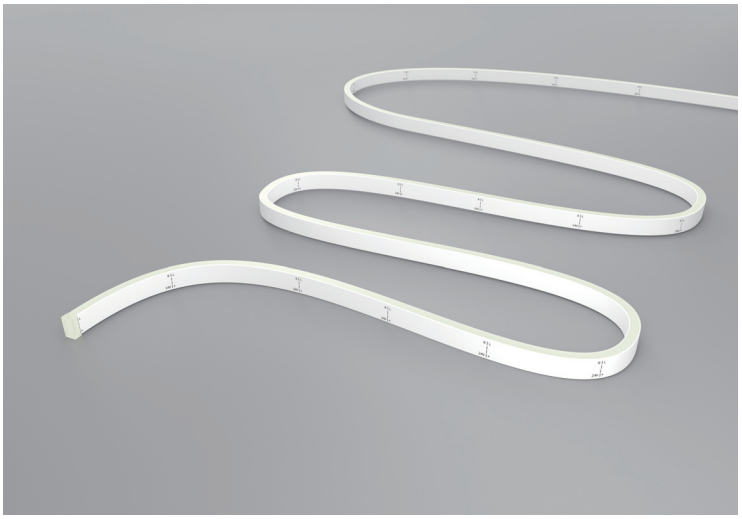
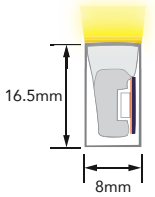
F09 Mono Color LED Linear Flex

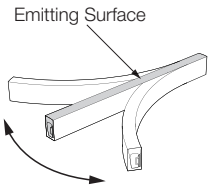
F09-48V-2835-84-CC-2200K-6500K

Specification

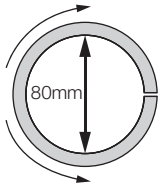




Dimension



Horizontal Bending



Min. Bending Diameter

Beam Angle

Ansi C78.377

SDCM<3

One Bin

Dimmable

Submersible

Ambient Temp.

Class 3

LM-80

IK08

UV resistant

Flame Resistant

Saltwater Resistant

Solvents Resistant

Dirt Resistant

CE

RoHS

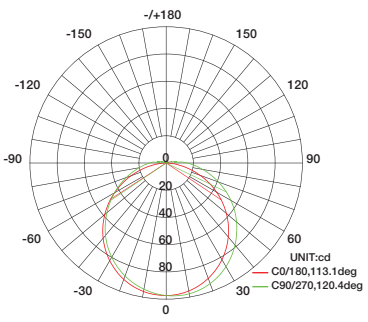
Warranty

Technical Parameters

Electrical	
Input Voltage	48V DC (Built In Constant Current)
Power Consumption	5W/m
Physical	
LED Count	84 LEDs/m
Cutting Unit	14 LEDs
Cutting Unit Length	166.7mm
Minimum Bend Diameter	80mm
Output	
LED Light	Epistar SMD LED 2835
CRI	>80, >90
Max Run Length*	
Single Feed	50M
Double Feed	100M
Beam Angle	120°
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

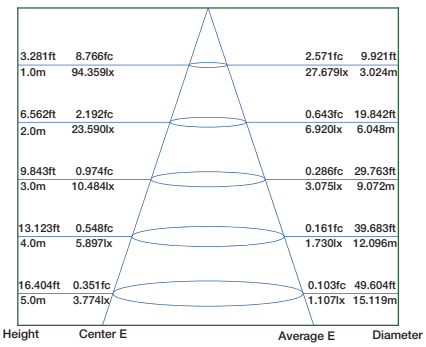
Optional Color	Lumen Output
2200K(2238±102K)	150lm/m
2700K(2725±145K)	150lm/m
3000K(3045±175K)	170lm/m
3500K(3465±245K)	170lm/m
4000K(3985±275K)	180lm/m
4500K(4503±243K)	180lm/m
5000K(5029±283K)	190lm/m
6500K(6532±510K)	190lm/m
Green(520-530nm)	200lm/m
Blue (455-465nm)	35lm/m
Lemon Yellow(570-580nm)	90lm/m
Pink(610-620nm)	55lm/m

Illuminance Distribution



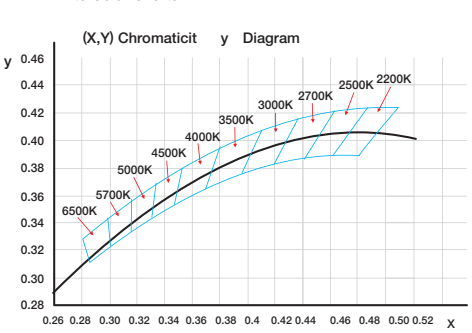
AVERAGE BEAM ANGLE(50%):116.7 DEG

Illuminance-Distance Curve



Beam Angle:113.0 DEG

White Color Charts



Lighting OLYMPIA

Email: info@olympialed.com
Http://www.olympialed.com

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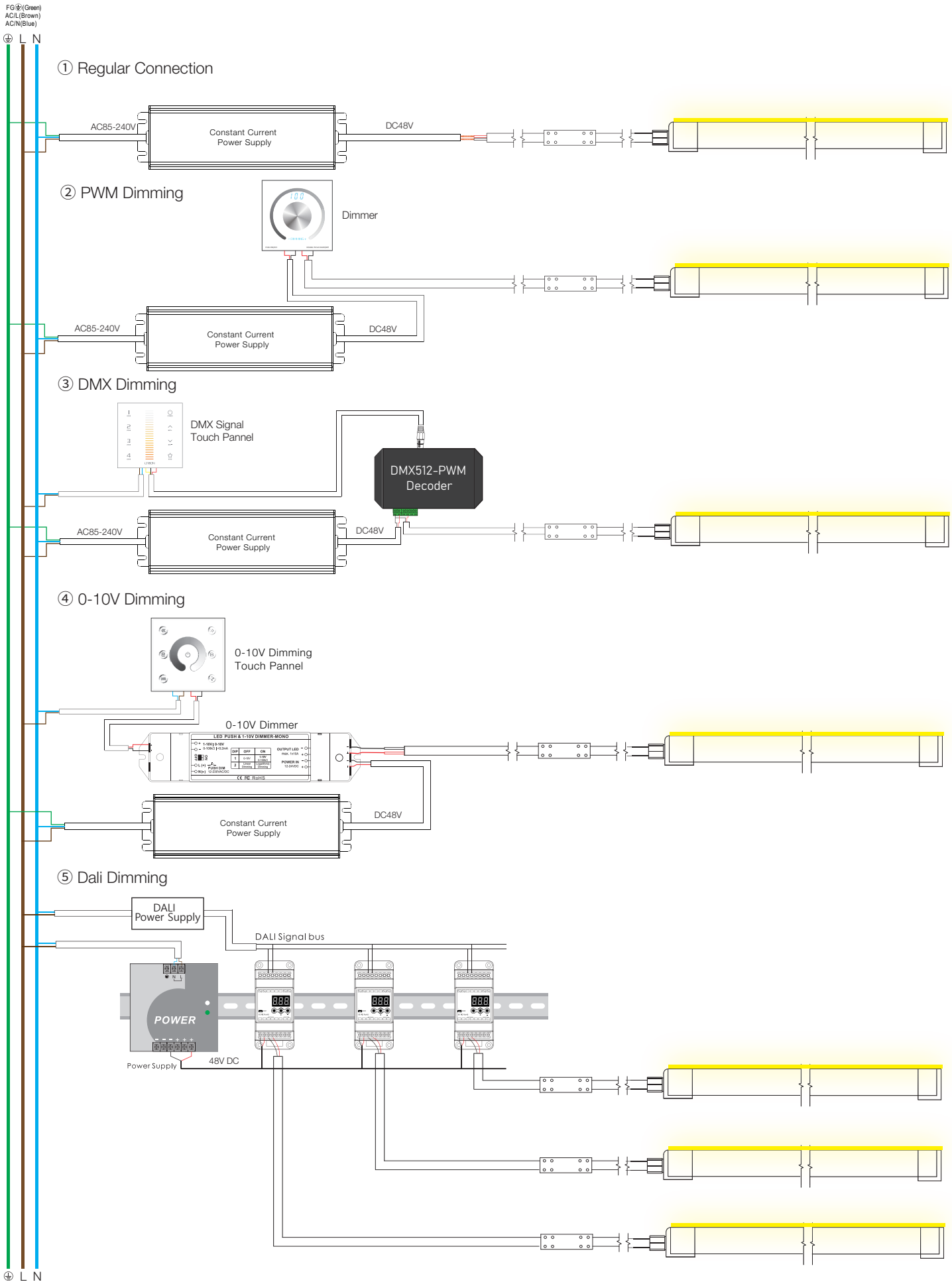
Connection