



LED TYPE: FS-5050-XXXX-60-12-NS

COLOR: YELLOW • RED • BLUE • GREEN

Specifications



Model No.:	FS-5050-xxxx-60-12-NS*
Input Voltage:	12V DC
Wattage:	14.4W per meter (4.5W/ft)
LED Qty:	60 LEDs per meter
Available Color Temperatures:	Yellow Red Blue Green
IP Rating:	IP20 (Indoor use only)
Dimmable:	Yes
Dimensions:	5000mm x 12mm x 2.15mm (196.8in x 0.47in x 0.08in)
Certification:	UL / RoHS

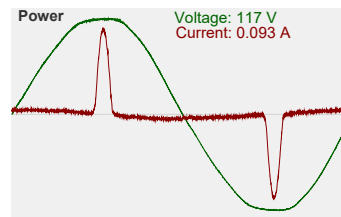
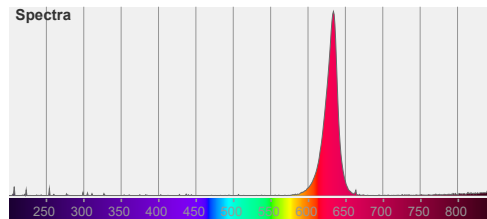
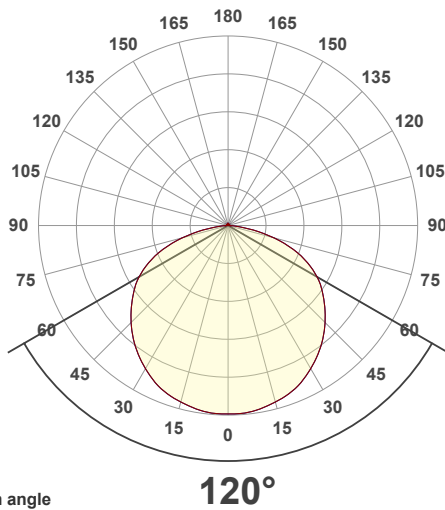


*Note: xxxx in the part No. indicate Color Temperature

Features

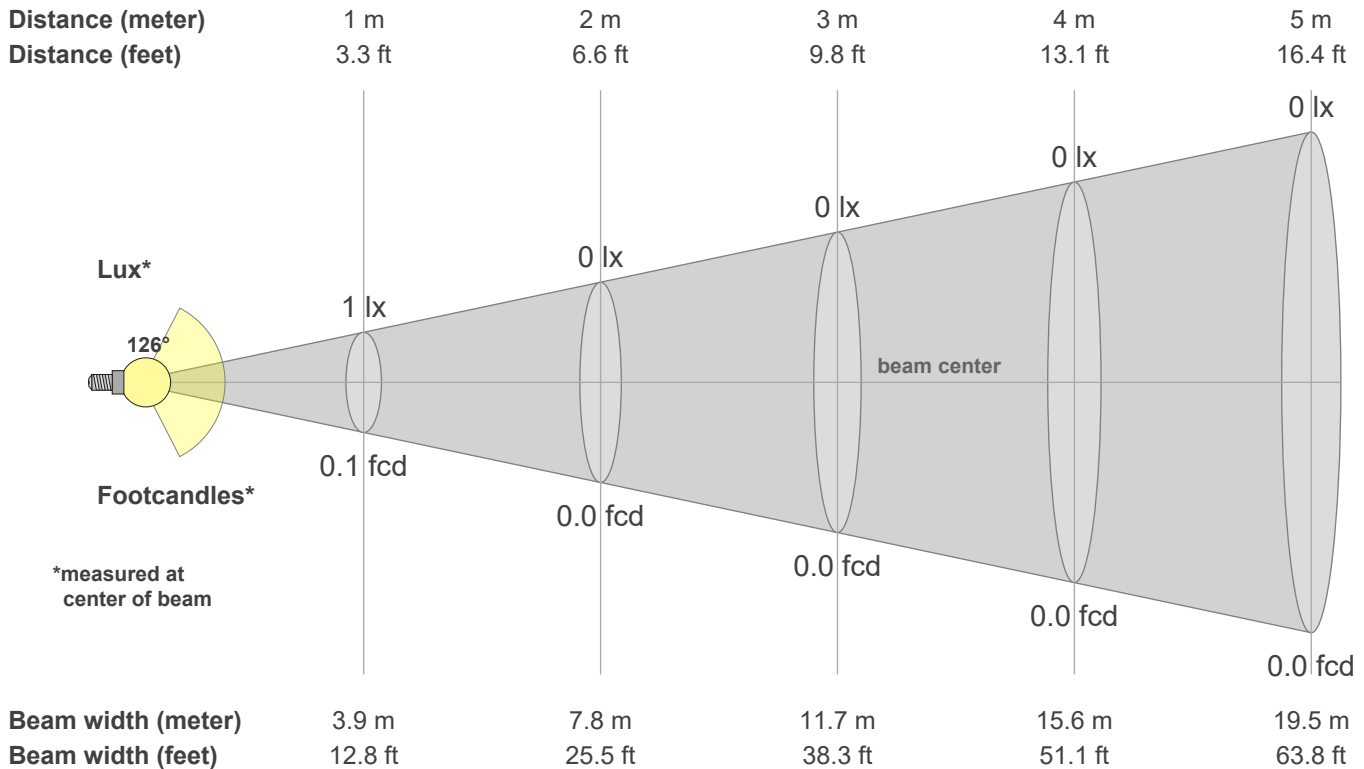
- FS-5050-xxxx-60-12-NS Indoor LED Strip with 12mm wide available in 5m (16.4ft) roll.
- The LED Strip lights are manufactured with high-quality materials and designed for professional lighting.
- The strip lights come with a strong 3M adhesive backing.
- They can be cut to any size (marked interval points) and rejoined by soldering.
- Every strip light begins with a heavy-duty dual-core copper printed circuit board (PC Board), which is then soldered with an array of chips and color options.
- Rated for 50,000 lifetime hours.
- Each strip light roll is hand-tested for quality assurance, UL Listed for Class 2 low voltage luminaires and fixtures, RoHS and CE approved.
- Our flexible PCBs are all high-quality double layers PCB, at least 2 ounces, or 3 ounces in particular models. So there is a low voltage drop and good heat dispersion too.

Yellow	SKU: 666561409500
Red	SKU: 666561409524
Blue	SKU: 666561409487
Green	SKU: 666561409548



Disclaimer

The data and information contained in this specification sheet are subject to change without notice; the ratings supplied are provided based on the product manufacturer. The information contained in this specification sheet should not be considered a warranty, expressed or implied, including, but not limited to, a warranty of merchantability or fitness for a particular purpose. In no event shall LED Lights and Parts be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory.



Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1.13	1.13	1.12	1.10	1.07	1.04	0.99	0.94	0.89	0.82	0.76	0.69	0.62	0.52	0.41	0.28	0.15	0.05	0.01	0.01
100%	100%	99%	97%	95%	92%	88%	83%	78%	73%	67%	61%	54%	46%	36%	25%	13%	5%	1%	1%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1.13	1.13	1.12	1.10	1.07	1.04	0.99	0.94	0.89	0.82	0.76	0.69	0.62	0.52	0.41	0.28	0.15	0.05	0.01	0.01
100%	100%	99%	97%	95%	92%	88%	83%	78%	73%	67%	61%	54%	46%	36%	25%	13%	5%	1%	1%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1.13	1.13	1.12	1.10	1.07	1.04	0.99	0.94	0.89	0.82	0.76	0.69	0.62	0.52	0.41	0.28	0.15	0.05	0.01	0.01
100%	100%	99%	97%	95%	92%	88%	83%	78%	73%	67%	61%	54%	46%	36%	25%	13%	5%	1%	1%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1.13	1.13	1.12	1.10	1.07	1.04	0.99	0.94	0.89	0.82	0.76	0.69	0.62	0.52	0.41	0.28	0.15	0.05	0.01	0.01
100%	100%	99%	97%	95%	92%	88%	83%	78%	73%	67%	61%	54%	46%	36%	25%	13%	5%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
125.6°	163.4°	174.4°	74.7%	49.2%