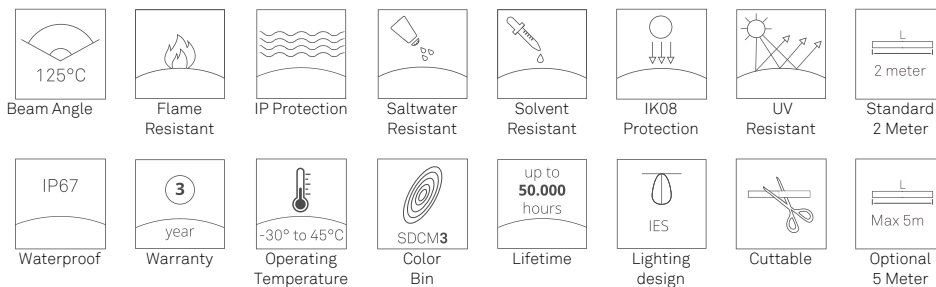


Photometric

iFLEXTUBE DIFF TV WHITE

iFLEXTUBE DIFF TV WHITE is a compact top view flexible linear LED lighting solution for exterior accent lighting applications. The increased cross section of 16mm by 16mm provides the ability to incorporate more powerful LED chips which in effect provide significantly higher lumen output. Bending in the vertical plane allows the iFLEXTUBE DIFF WHITE to conform to concave and convex surfaces with ease. Light diffusion is done without compromise, eliminating any signs of spotting. It features an IP67 rating and a minimum bend radius of 150mm. Available in standard spools of 2m, it is impact, UV and saltwater resistant. The optional 5 meter length is the maximum length for a single spool.

PRODUCT FEATURES



SPECIFICATION

Colour	2700 K, 3000 K, 4000 K, 5000 K, 6500 K (can custom)
LED	SMD high quality LEDs
Light Effect	Diffused
Beam Angle	125°
CRI	Standard 85
Max Length	Standard 2 meter per spool, optional 5 meter
Power Consumption	32 W @ 2 m (1 spool), 16W/m
Lumen output	See page 2

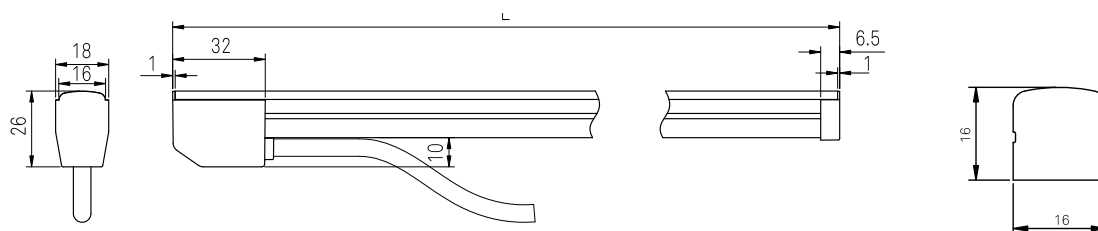
All rights reserved. iFLEXTUBE is a registered trademark of LuxBalance Lighting Limited in various countries. Due to continuous improvement and innovation, specifications may change without notice.

Lumen Maintenance	L70 @ 50,000 hours
Housing	Silicone
Mounting	Aluminium mounting channel (optional)
Storage Temperature	-40° C to 75° C
Operating Temperature	-30° C to 45° C
Operating Voltage	24 VDC
Protocol	DMX/RDM (0-100%), 0-10V (10-100%), or DALI (0-100%) via iFlexpower Driver Series
Fixture Connectors	0.3 m attached injection molded feed cable-rear, side or end-feed options included
IP Rating	IP67
IK Range	IK08
Warranty	3 years standard, 5 years optional (additional charge)
Weight	3.68 kg
Dimensions	(w) 16 mm x (H) 16 mm x (L) 10,000 mm
Certifications	Comply with CE, RoHS

PRODUCT TYPE

Colour CCT	Voltage	Mini Cutting Intervals (mm)	Wattage	Lumen/M	Lumen Efficiency	CRI	Pitch (mm)
6500 K	24 V	62.5	16 W/M	1220	76 Lm/W	85	10
5000 K	24 V	62.5	16 W/M	1220	76 Lm/W	85	10
4000 K	24 V	62.5	16 W/M	1190	74 Lm/W	85	10
3000 K	24 V	62.5	16 W/M	1010	63 Lm/W	85	10
2700 K	24 V	62.5	16 W/M	880	55 Lm/W	85	10

DIMENSIONS

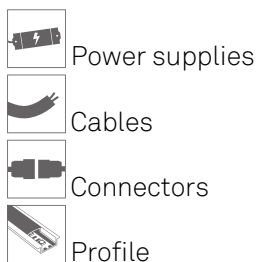


Plastic Cap

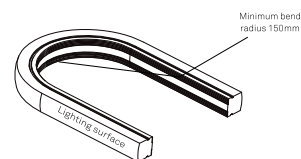
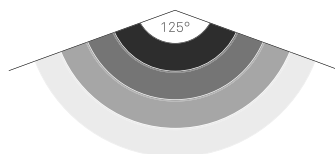
Standard length 2 meter

Optional length 5 meter

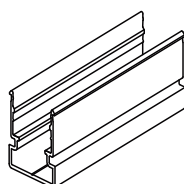
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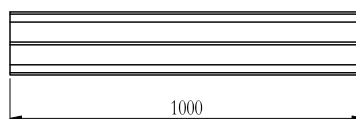
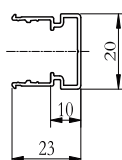
125° VIEWING ANGLE



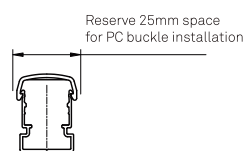
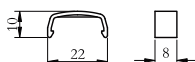
INSTALLATION ACCESSORIES



Aluminum channel
model:LFT-C1616P01



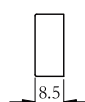
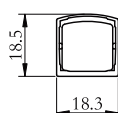
PC Clip
Model: LFT1616-P05
The clip are used with LFT-C1616P01 together

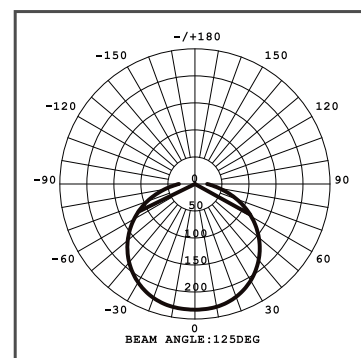


Assembly drawing



Silicone end cap
LFT1616-C11





















Photometric

iFLEXTUBE DIFF TV RGBW

iFLEXTUBE DIFF TV RGBW is a compact top view flexible linear LED lighting solution for exterior accent lighting applications. Using a quad color diode LED to expand the colors range, as well as white is available in a range of colors temperatures. The color changing chips will offer you endless color combinations. It features an IP67 rating, output brightness and a minimum bend radius of 150mm. Available in spools of 2 meter, it is impact, UV and saltwater resistant. The optional 5 meter length is the maximum length for a single spool.

PRODUCT FEATURES

 Beam Angle 125°	 Flame Resistant	 IP Protection	 Saltwater Resistant	 Solvent Resistant	 IK08 Protection	 UV Resistant	 Standard 2 Meter
 Waterproof IP67	 Warranty 3 year	 Operating Temperature -30° to 45°C	 Color Bin SDCM1	 Lifetime up to 50.000 hours	 Lighting design IES	 Cutttable	 Optional 5 Meter Max 5m

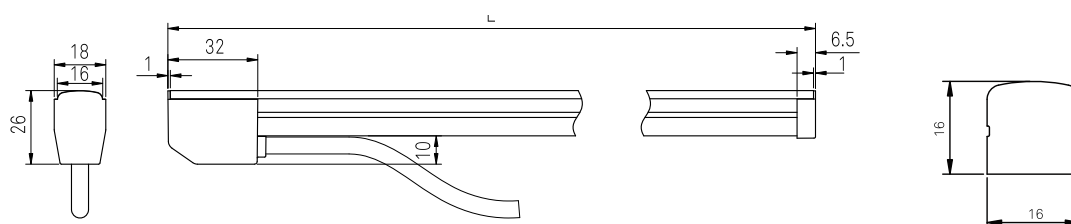
SPECIFICATION

Colour	RGBW
LED	4-in-1, 84 pcs LEDs
Light Effect	Diffused
Beam Angle	125°
CRI	> 80(W)
Max Length	Standard 2 meter per spool. Optional 5 meter
Power Consumption	32W @ 2 m (1 spool), 16W/m
Lumen output	498 lm/m
Lumen Maintenance	L70 @ 50,000 hours
Housing	Silicone

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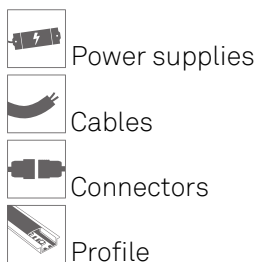
Mounting	Aluminium mounting channel (optional)
Storage Temperature	-40° C to 75° C
Operating Temperature	-30° C to 45° C
Operating Voltage	24 VDC
Protocol	DMX/RDM (0-100%), 0-10V (10-100%), or DALI (0-100%) via iFlexpower Driver Series
Fixture Connectors	0.3 m attached injection molded feed cable-rear, side or end-feed options included
IP Rating	IP67
IK Range	IK08
Warranty	3 years standard, 5 years optional (additional charge)
Weight	3.68 kg
Dimensions	(w) 16 mm x (H) 16 mm x (L) 10,000 mm
Certifications	Comply with CE, RoHS

DIMENSIONS

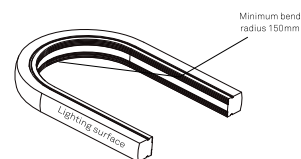
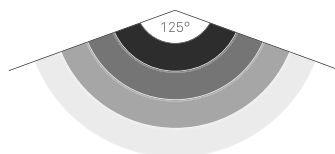


Plastic cap

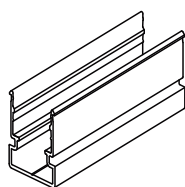
AVAILABLE



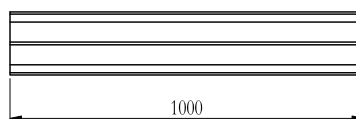
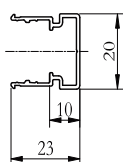
125° VIEWING ANGLE



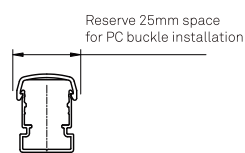
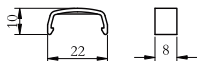
INSTALLATION ACCESSORIES



Aluminum channel
model: LFT-C1616P01



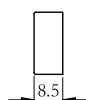
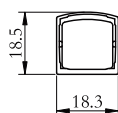
PC Clip
Model: LFT1616-P05
The clip are used with LFT-C1616P01 together

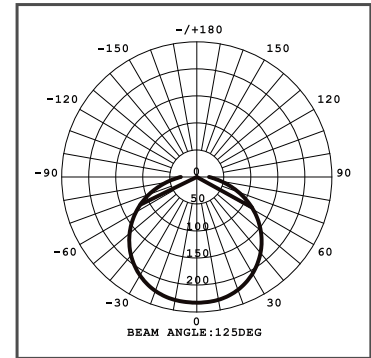
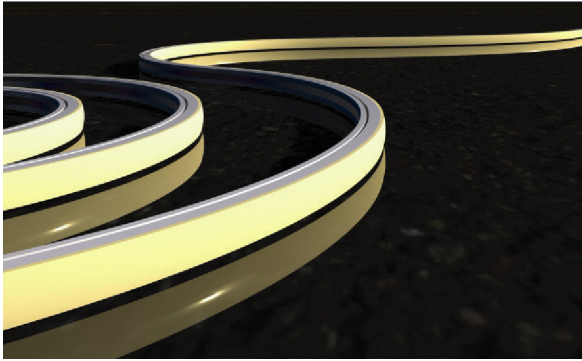


Assembly drawing



Silicone end cap
LFT1616-C11



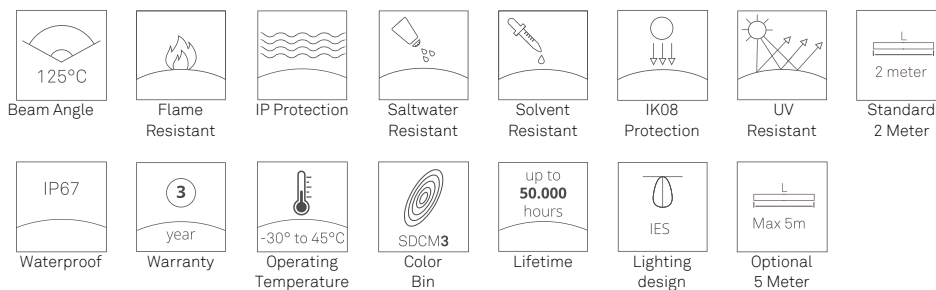


Photometric

iFLEXTUBE DIFF TV DYNAMIC WHITE

The iFLEXTUBE DIFF TV DYNAMIC WHITE dual color can emit tunable white light with temperatures ranging between 2700K to 5000K. The increased cross-section of 16 by 16mm provides the ability to incorporate more powerful LED chips which in effect provide significantly higher lumen output. Bending in the vertical plane allows the Neon to conform to concave and convex surfaces with ease. Light diffusion is done without compromise eliminating any signs of spotting. High performance silicon offers UV and water ingress protection. Available in spools of 2 meter. The optional 5 meter length is the maximum length for a single spool.

PRODUCT FEATURES



SPECIFICATION

Colour	2700 K to 5000 K (Tunable White)
LED	SMD high quality LEDs
Light Effect	Diffused
Beam Angle	125°
CRI	Standard 85
Max Length	2 m per spool, optional 5 meter
Power Consumption	24 W @ 2 m (1 spool), 12W/m
Lumen output	See page 2

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PRODUCT SPECIFICATION

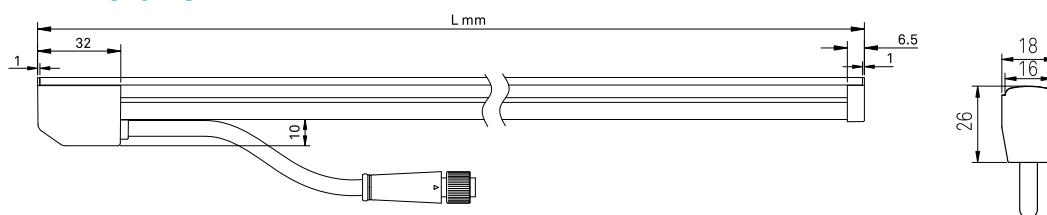


Lumen Maintenance	L70 @ 50,000 hours
Housing	Silicone
Mounting	Aluminium mounting channel (optional)
Storage Temperature	-40° C to 75° C
Operating Temperature	-30° C to 45° C
Operating Voltage	24 VDC
Protocol	DMX/RDM (0-100%), 0-10V (10-100%), or DALI (0-100%) via iFlexpower Driver Series
Fixture Connectors	1 m attached injection molded feed cable-rear, side or end-feed options included
IP Rating	IP67
IK Range	IK08
Warranty	3 years standard, 5 years optional (additional charge)
Weight	3.68 kg
Dimensions	(w) 16 mm x (H) 16 mm x (L) 10,000 mm
Certifications	Comply with CE, RoHS

PRODUCT TYPE

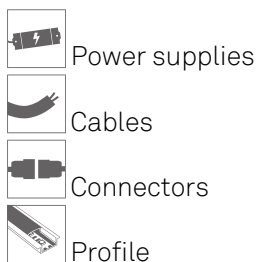
Colour CCT	Voltage	Wattage	Lumen/M	Lumen Efficiency	CRI	Pitch (mm)
5000 K	24 V	6 W/M	230	38.3 Lm/W	85	10.4
2700 K	24 V	6 W/M	270	45 Lm/W	85	10.4
3800 K	24 V	12 W/M	500	41.7 Lm/W	85	10.4

DIMENSIONS

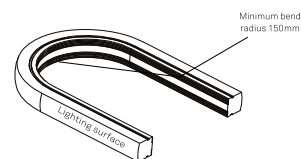
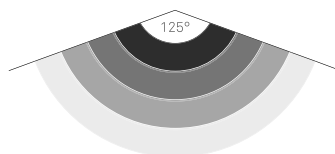


Plastic cap

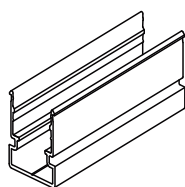
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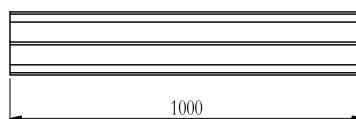
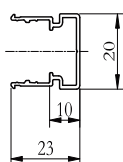
125° VIEWING ANGLE



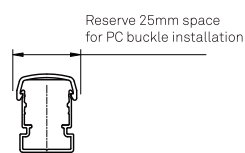
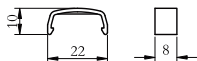
INSTALLATION ACCESSORIES



Aluminum channel
model: LFT-C1616P01



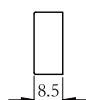
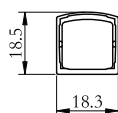
PC Clip
Model: LFT1616-P05
The clip are used with LFT-C1616P01 together

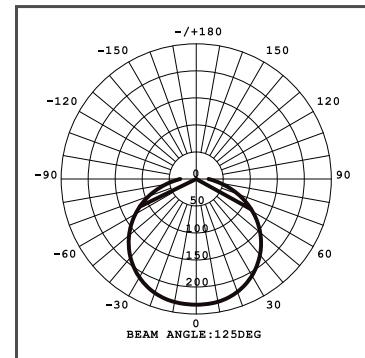
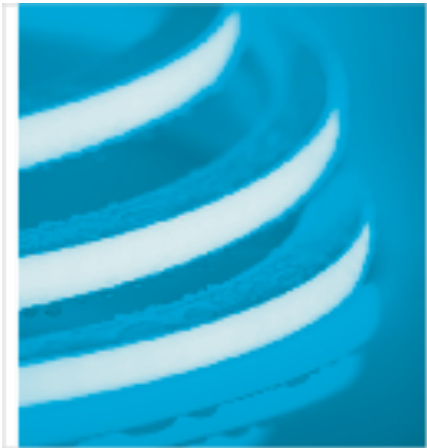


Assembly drawing



Silicone end cap
LFT1616-C11





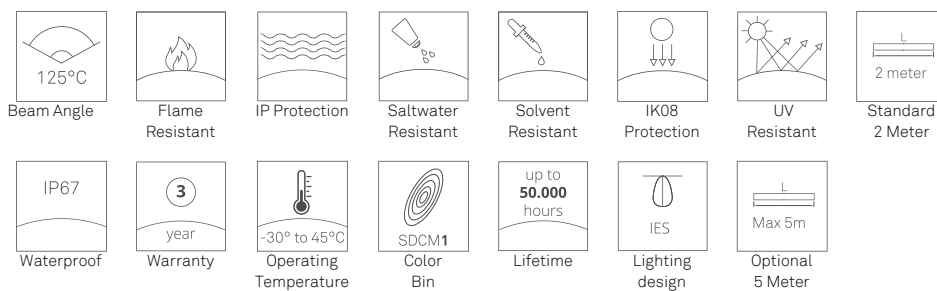
Photometric



iFLEXTUBE DIFF TV RGBW PX8 (DMX512)

iFLEXTUBE DIFF TV RGBW PX8 is a cost effective direct view flexible linear LED lighting fixture designed for dynamic lighting effects. iFLEXTUBE DIFF TV RGBW PX is ideal for exterior accent and contour lighting applications, as well as low-resolution graphics with a resolution of up to 8 pixel per meter. It features an IP67 rating, output brightness and a minimum bend radius of 150mm. Available in spools of 2 meter, it is impact, UV and saltwater resistant. The optional 5 meter length is the maximum length for a single spool.

PRODUCT FEATURES



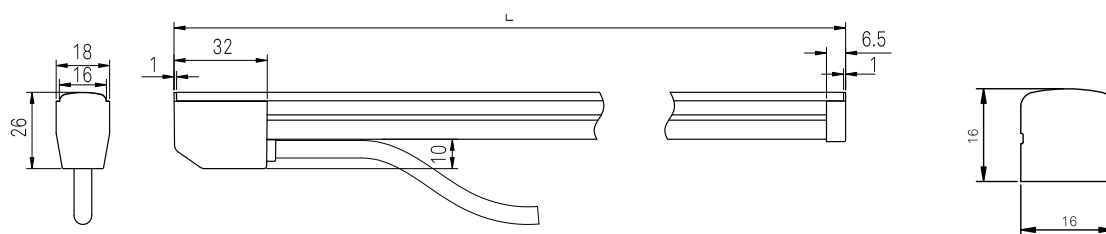
SPECIFICATION

Pixels	8PXL per meter/ 16PXL per 2 meter
LED	High intensity SMT RGBW 4-in-1 LEDs
Light Effect	Diffused
Beam Angle	125°
CRI	>80(W)
Max Length	Standard 2 meter per spool, optional 5 meter
Power Consumption	27 W @ 2 m (1 spool), 13.5W/m

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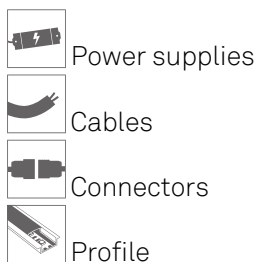
Lumen output	498 lm/m
Lumen Maintenance	L70 @ 50,000 hours
Housing	Silicone
Mounting	Aluminium mounting channel (optional)
Storage Temperature	-40° C to 75° C
Operating Temperature	-30° C to 45° C
Operating Voltage	24 VDC
Protocol compatibility	In-built DMX512 IC on FPCB
Fixture Connectors	0.3 m feed cable with male and female connector
IP Rating	IP67
IK Range	IK08
Warranty	3 years standard, 5 years optional (additional charge)
Weight	3.68 kg
Dimensions	(w) 16 mm x (H) 16 mm x (L) 10,000 mm
Certifications	Comply with CE, RoHS

DIMENSIONS

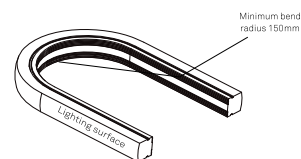
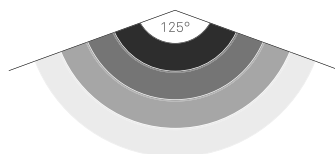


Plastic Cap

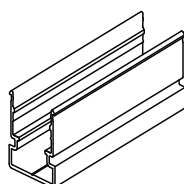
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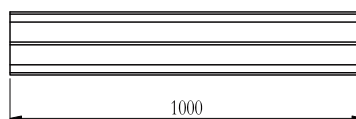
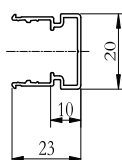
125° VIEWING ANGLE



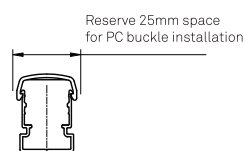
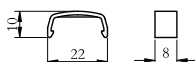
INSTALLATION ACCESSORIES



Aluminum channel
model: LFT-C1616P01



PC Clip
Model: LFT1616-P05
The clip are used with LFT-C1616P01 together



Assembly drawing



Silicone end cap
LFT1616-C11

