

FLEX-Zoomable

TLF015-11 / TLF020-11



DESCRIPTION

FLEX(EN-TLF series, Standard version) is a slim cylinder in foldable design LED track light that will fit smoothly into any retail and gallery environments. The front deep ring can bring a good light comfort. The head can be adjusted precisely 360°+ horizontal(rotation) and 90° vertical without dead angle. The light, as a result, is emitted exactly where you need it. Support track mount and surface mount.

FEATURES

- A sleek & elegant cylinder in foldable design, concise but not simple.
- By simply rotating the front ring, the beam angle can be adjusted from 15°-40° (15W), to 25°-55° (20W) .
- Private-designed joints can hold the track head at any positions without malfunctions.
- Smart magnet can make fixture base and driver box seamless connect.
- 360°+ rotation without dead angle and 90° vertical aiming.

ELECTRICAL

Power:	15W / 20W
Voltage:	220-240V / 100-277V AC
Frequency:	50/60Hz
Class:	II
Power Factor:	>0.90
Dimming:	On-off / TRIAC / DALI

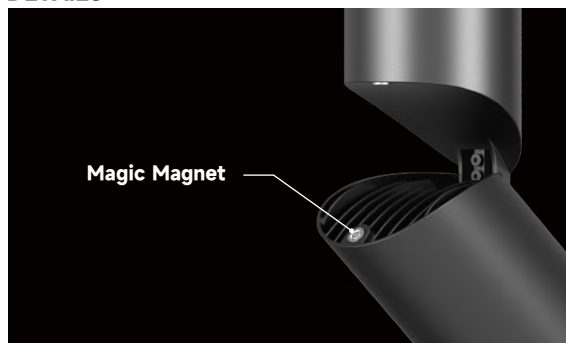
OPTICAL

LED Type:	COB
Lumen Output:	1075lm(15W), 1768lm(20W)
Beam Optic:	15°-40° (15W), 25°-55° (20W)
Color Quality:	CRI 80+/90+, SDCM≤3
Color Temperature:	Static white: 2700K/3000K/3500K/4000K
TM30 values:	Rf: 99-105 Rg: 88-92
LM80:	ANSI/IES LM-80-15

LUMINAIRE

Location:	Indoor
Installation Methods:	Track-mounted / Surface-mounted
IP Rating:	IP20
Adjustability:	0°-90° tiltable, 360°+ rotatable
Luminaire Color:	RAL9005 Black / RAL9016 White / Custom Finish*(Consult Factory)
Material:	Die-cast aluminum
Operating Temperature:	-20°C~40°C
Lifespan:	> 50000h@80%(L80)
Warranty:	5 years Carefree for Parts and Components (Labor not included) LED luminaire life reduction and warranty invalidation will occur if installed in environments above 40°C

DETAILS





Type:

Project:

ORDERING INFORMATION

TLF	POWER	INSTALLATION	HOUSING COLOR	TRACK TYPE	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> TLF FLEX	<input type="checkbox"/> 015 15W <input type="checkbox"/> 020 20W	<input type="checkbox"/> 11 Track <input type="checkbox"/> 12 Surface	<input type="checkbox"/> W RAL9016 White <input type="checkbox"/> B RAL9005 Black <input type="checkbox"/> C Custom Finish *(Consult Factory)	<input type="checkbox"/> J 2-pin Juno <input type="checkbox"/> L 2-pin Lightolier <input type="checkbox"/> H 3-pin Halo <input type="checkbox"/> G 4-pin Global <input type="checkbox"/> S 4-pin Standard	<input type="checkbox"/> 8 80+ <input type="checkbox"/> 9 90+	<input type="checkbox"/> 27 2700K <input type="checkbox"/> 30 3000K <input type="checkbox"/> 35 3500K <input type="checkbox"/> 40 4000K	15W <input type="checkbox"/> 1T4 15°-40° 20W <input type="checkbox"/> 2T5 25°-55°	<input type="checkbox"/> T Triac <input type="checkbox"/> D DALI <input type="checkbox"/> N Non-dimming



Type:

Project:

PHOTOMETRIC DATA (NON-DIMMING)

LUMEN PACKAGE	POWER	CCT	15°			40°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLF015-11	15W	3000K	1075	72	12268	1027	69	2211

LUMEN PACKAGE	POWER	CCT	25°			55°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLF020-11	20W	3000K	1757	91	6509	1768	91	2476

LUMEN MULTIPLIERS

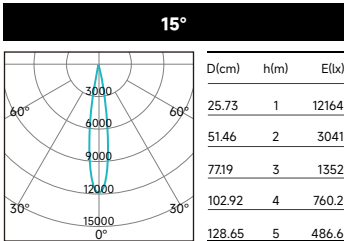
CCT	MULTIPLIER
2700K	0.93
3000K	1.00
3500K	1.07
4000K	1.15

Applying Lumen Multipliers to Calculate Delivered Lumens

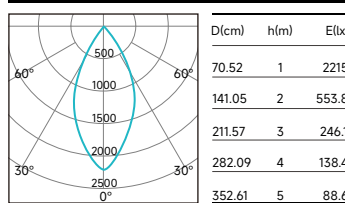
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: TLF15-11 15W 3500K				
1075 lm	x	1.07	=	1150 lm

LIGHT DISTRIBUTION

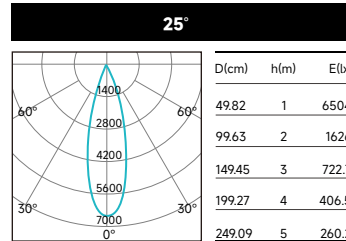
3000K 15W



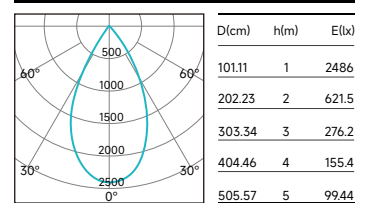
3000K 20W



3000K 20W



3000K 20W

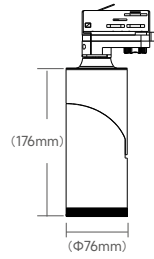


DIMENSION



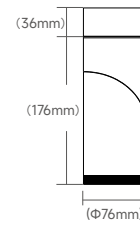
Track-mounted

TLF015-11
TLF020-11



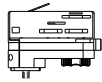
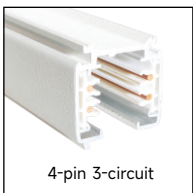
Surface-mounted

TLF015-21
TLF020-21

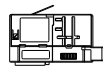


INSTALLATION

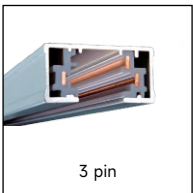
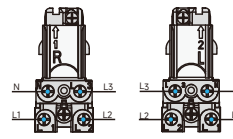
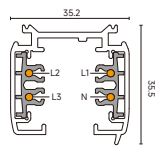
Track-mounted



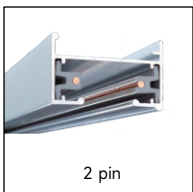
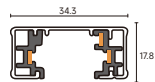
Standard



Global



Halo



Juno



Lightolier



FLEX TRACK LIGHT SYSTEM

UNIQUE in its design, VERSATILE in its using!

A simple, elegant cylinder design with a jointed section that is both easy to adjust and firmly retains its setting, Flex Family Track Light always ready to put on a great performance no matter the applications.

In versions with different light solutions, Flex covers high performance accent lighting with different interchangeable beam lens and beam angle adjusting from a 12° narrow to a 55° wide.

with different light solutions. So, if you have an environment with different types of ceilings it will be possible to use the same spotlight family and get a unified impression.

DETAILS



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