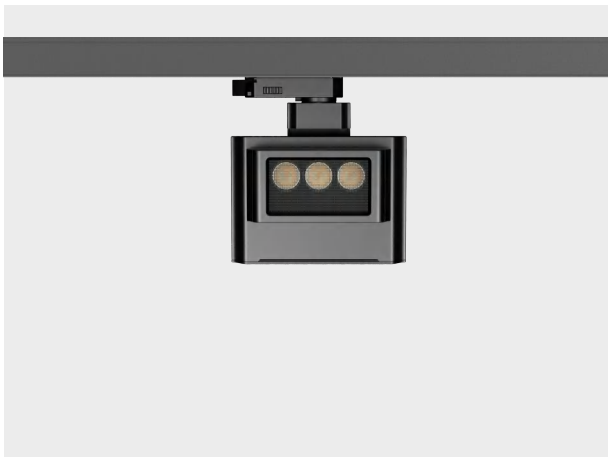




MEGA

TLY010-01



DESCRIPTION

Mega, a tailor-made LED track light for museums and galleries. The minimalist industrial design appearance can fit smoothly into the display areas. Using advanced high lumen output and CRI95+ high saturation light color LED chips to restore the real color of the exhibits with soft and natural light. The super flexible snap-on interchangeable filters design offers 9 types of beam shapes from 10° to 60°, flood and wall washing lighting. With built-in flicker-free driver, support standard dimming triac, 0/1-10V individual dimmer and intelligent dimming DALI, Casambi etc to satisfy the requirement of flexible adjusting the lighting brightness.

FEATURES

- Mega series LED track light, equipped with super flexible snap-on interchangeable filters design offers 10 types of beam shapes from 10° to 60°, flood and wall washing lighting. Different beam shapes provide accurate light distribution along with high saturation lighting color.
- 3 models from 10W-30W offers 5 different wattages satisfy the 3m-10m lighting needs and more extensive application spaces.
- Using the advanced high lumen output and CRI90+ high saturation light color LED chips to restore the real color of the exhibits with soft and natural light.
- Built-in flicker-free driver, support standard dimming triac, 0/1-10V individual dimmer and intelligent dimming DALI, Casambi etc to satisfy the requirement of flexible adjusting the lighting brightness.

ELECTRICAL

Power:	10W
Voltage:	220-240V / 100-277V AC
Frequency:	50/60Hz
Power factor:	>0.90
Dimming:	On-off / DALI / TRIAC / CASAMBI / Built-in dimmer

OPTICAL

LED type:	COB
Lumen output:	798lm
Beam optic:	10° / 25° / 40° / 60°
Color quality:	CRI 80+/90+, SDCM≤3
Light color:	Static white: 2700K/3000K/4000K/5000K

LUMINAIRE

Installation methods:	Track-mounted
Housing color:	Black / White / Silver
Operating temperature:	-20°C~40°C
Lifespan:	>50000h@80%(L80)
Warranty:	5 years limited warranty

DETAILS



Perfect Thermal Management

High efficiency heat convection design in the compact design ensures long lifespan. Perfect thermal management integrates small body with big wattage makes the ceiling looks clear and comfortable.

Concealed 1-10V Control Gear

Built-in 0/1-10V flicker free individual dimmer, small and delicate to ensure the perfect appearance whilst offers smooth brightness adjustment experience.

Super Reliable Joint

Durable and reliable double-spindle design, support free and smooth adjustment without any noise, aiming at where you want, which have been using for 8 years and 0 malfunction.



ORDERING INFORMATION

TLY								
SERIES	POWER	INSTALLATION	HOUSING COLOR	TRACK TYPE	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> TLY MEGA	<input type="checkbox"/> 010 10W	<input type="checkbox"/> 01 Track	<input type="checkbox"/> W White <input type="checkbox"/> B Black <input type="checkbox"/> S Silver	<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"/> 8 80+ <input type="checkbox"/> 9 90+	<input type="checkbox"/> 27 2700K <input type="checkbox"/> 30 3000K <input type="checkbox"/> 40 4000K <input type="checkbox"/> 50 5000K	<input type="checkbox"/> 010 10° <input type="checkbox"/> 025 25° <input type="checkbox"/> 040 40° <input type="checkbox"/> 060 60°	<input type="checkbox"/> T Triac <input type="checkbox"/> D DALI <input type="checkbox"/> C CASAMBI <input type="checkbox"/> N Non-dimming

ACCESSORIES (TO BE ORDERED SEP ARATELY)
FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

OPTICAL ACCESSORY

☐ Circular Small
TLY010-CS


☐ Circular Big
TLY010-CB


☐ Square Big
TLY010-SB


☐ Wide Line
TLY010-WL


☐ Wallwashing
TLY010-WW



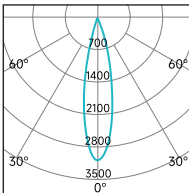

PHOTOMETRIC DATA (NON-DIMMING)

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
10W	3000K	90	10°	798	78	3069
			25°	686	67	1678
			40°	796	78	1325
			60°	684	67	792

LIGHT DISTRIBUTION

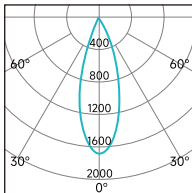
3000K 10W

10°



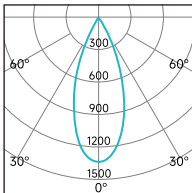
D(cm)	h(m)	E(lx)
41.52	1	3075
83.04	2	768.9
124.56	3	341.7
166.08	4	192.2
207.6	5	123

25°



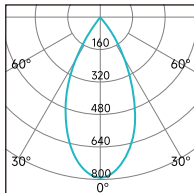
D(cm)	h(m)	E(lx)
53.07	1	1681
106.14	2	420.2
159.22	3	186.8
212.29	4	105.1
265.36	5	67.23

40°



D(cm)	h(m)	E(lx)
72.31	1	1327
144.63	2	331.8
216.94	3	147.5
289.26	4	82.95
361.57	5	53.09

60°



D(cm)	h(m)	E(lx)
91.64	1	794.9
183.27	2	198.7
274.91	3	88.33
366.54	4	49.68
458.18	5	31.8

LUMEN MULTIPLIERS

CCT	MULTIPLIER
2700K	0.97
3000K	1.00
4000K	1.06
5000K	1.06

Applying Lumen Multipliers to Calculate Delivered Lumens

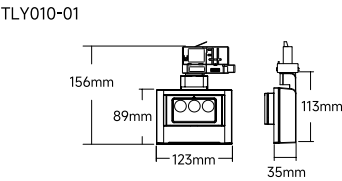
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: TLY010-01 10W 4000K				
798 lm	x	1.06	=	846 lm



DIMENSION

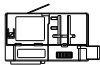
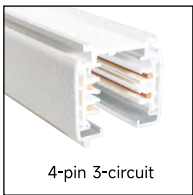


Track-mounted

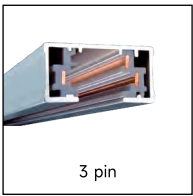


INSTALLATION

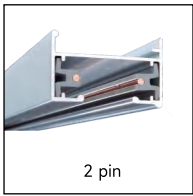
Track-mounted



Global



Halo



Juno



Lightolier