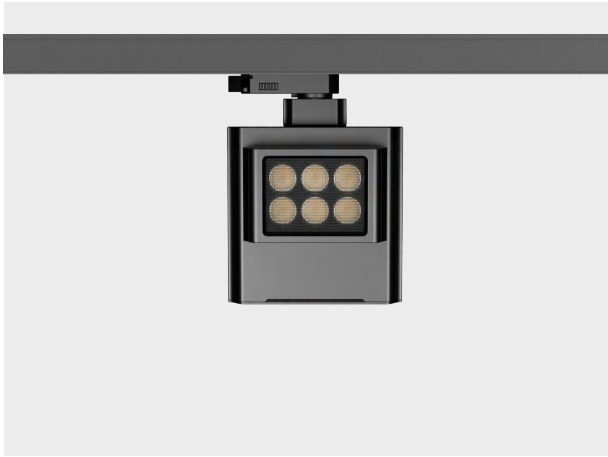




MEGA

TLY015-01 / TLY020-01



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:	15W / 20W
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:	1296lm(15W), 1757lm(20W)
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
☐ TLY MEGA	☐ 015 15W ☐ 020 20W	☐ 01 Track	☐ W White ☐ B Black ☐ S Silver	☐ J 2-pin Juno ☐ L 2-pin Lightolier ☐ H 3-pin Halo ☐ G 4-pin Global	☐ 8 80+ ☐ 9 90+	☐ 27 2700K ☐ 30 3000K ☐ 40 4000K ☐ 50 5000K	☐ 010 10° ☐ 025 25° ☐ 040 40° ☐ 060 60°	☐ T Triac ☐ D DALI ☐ C CASAMBI ☐ N Non-dimming

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

OPTICAL ACCESSORY

☐ Circular Small
TLY015-CS
TLY020-CS


☐ Circular Big
TLY015-CB
TLY020-CB


☐ Square Big
TLY015-SB
TLY020-SB


☐ Wide Line
TLY015-WL
TLY020-WL


☐ Wallwashing
TLY010-WW
TLY020-WW

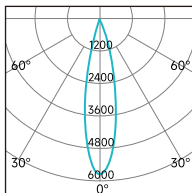
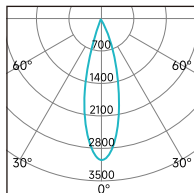
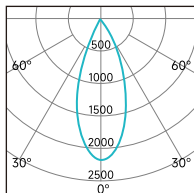
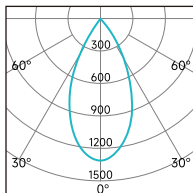



PHOTOMETRIC DATA (NON-DIMMING)

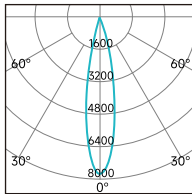
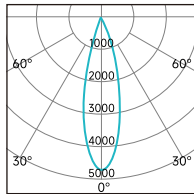
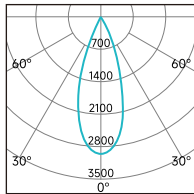
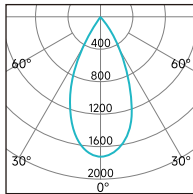
POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
15W	3000K	90	10°	1291	89	5714
			25°	1125	78	3035
			40°	1296	90	2252
			60°	1136	79	1320
20W	3000K	90	10°	1748	89	7755
			25°	1554	79	4619
			40°	1757	89	3003
			60°	1542	78	1761

LIGHT DISTRIBUTION

3000K 15W

10°			25°			40°			60°						
	D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)
	37,99	1	5711		49,65	1	3031		70,84	1	2251		92,05	1	1324
	75,99	2	1428		99,3	2	757,7		141,67	2	562,7		184,1	2	330,9
	113,98	3	634,5		148,95	3	336,8		212,51	3	250,1		276,15	3	147,1
	151,98	4	356,9		198,6	4	189,4		283,35	4	140,7		368,2	4	82,72
	189,97	5	228,4		248,25	5	121,2		354,18	5	90,04		460,25	5	52,94

3000K 15W

10°			25°			40°			60°						
	D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)
	37.88	1	7789		46.02	1	4632		71.43	1	3011		92.98	1	1766
	75.75	2	1947		92.04	2	1158		142.86	2	752.7		185.97	2	441.6
	113.63	3	865.4		138.05	3	514.6		214.29	3	334.5		278.95	3	196.2
	151.51	4	486.8		184.07	4	289.5		285.71	4	188.2		371.93	4	110.4
	189.38	5	311.6		230.09	5	185.3		357.14	5	120.4		464.92	5	70.65

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: TLY015-01 15W 4000K				
1291 lm	x	1.06	=	1368 lm

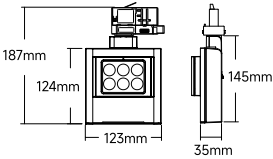


DIMENSION



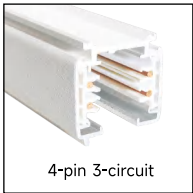
Track-mounted

TLY015-01
TLY020-01

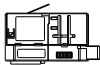


INSTALLATION

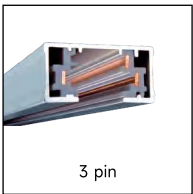
Track-mounted



4-pin 3-circuit



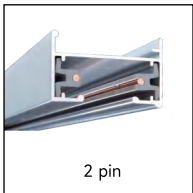
Global



3 pin



Halo



2 pin



Juno



Lightolier