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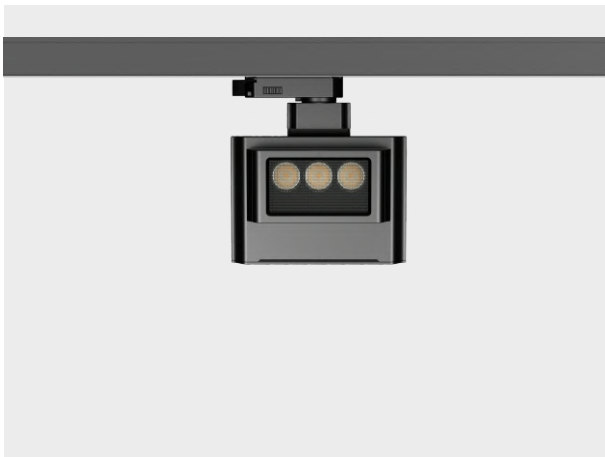
SPECIFICATION SHEET

Project:

Page 1 / 4

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
Class:	II
Power Factor:	>0.90
Dimming:	On-off / DALI / TRIAC / CASAMBI / Built-in dimmer

OPTICAL

LED Type:	COB
Lumen Output:	798lm
Beam Optic:	Narrow Spot (10°) / Spot (25°,40°) / Flood (60°)
Color Quality:	CRI 80+/90+, SDCM≤3
Color Temperature:	Static white: 2700K/3000K/4000K/5000K
TM30 values:	Rf: 99-105 Rg: 88-92
LM80:	ANSI/IES LM-80-15

LUMINAIRE

Location:	Indoor
Installation Methods:	Track-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



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.



Type:

Project:

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 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"/> 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 Narrow Spot 10° <input type="checkbox"/> 025 Spot 25° <input type="checkbox"/> 040 Spot 40° <input type="checkbox"/> 060 Flood 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 SEPARATELY)
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





Type:

Project:

PHOTOMETRIC DATA (NON-DIMMING)

LUMEN PACKAGE	POWER	CCT	10°			25°			40°			60°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLY010-01	10W	3000K	798	78	3069	686	67	1678	796	78	1325	684	67	792

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

LIGHT DISTRIBUTION

3000K 10W

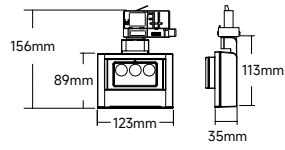
NARROW SPOT 10°				SPOT 25°				SPOT 40°				FLOOD 60°							
D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)					
700		41.52	1	3075	400		53.07	1	1681	300		72.31	1	1327	160		91.64	1	794.9
1400		83.04	2	768.9	800		106.14	2	420.2	600		144.63	2	331.8	320		183.27	2	198.7
2100		124.56	3	341.7	1200		159.22	3	186.8	900		216.94	3	147.5	480		274.91	3	88.33
2800		166.08	4	192.2	1600		212.29	4	105.1	1200		289.26	4	82.95	640		366.54	4	49.68
3500		207.6	5	123	2000		265.36	5	67.23	1500		361.57	5	53.09	800		458.18	5	31.8
0°					0°					0°					0°				

DIMENSION



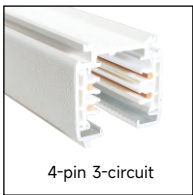
Track-mounted

TLY010-01

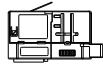


INSTALLATION

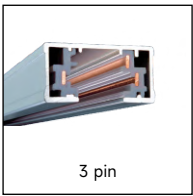
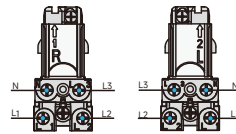
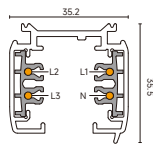
Track-mounted



4-pin 3-circuit



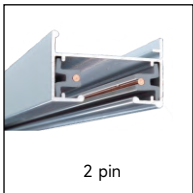
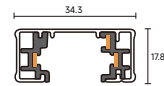
Global



3 pin



Halo



2 pin



Juno



Lightolier