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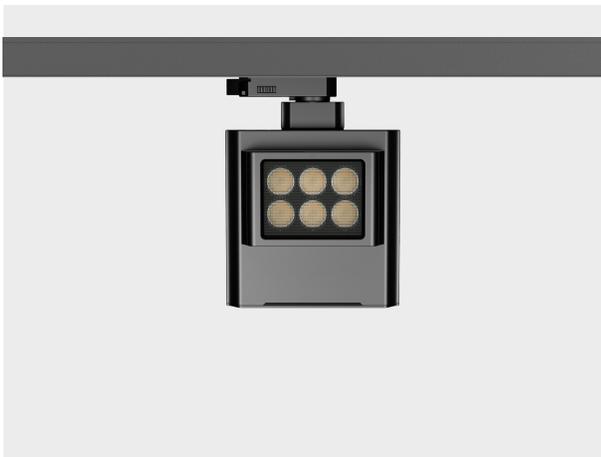
**SPECIFICATION SHEET**

Project:

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# 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
Class:	II
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:	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



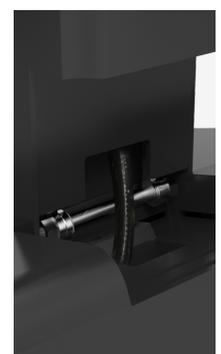
### Perfect Thermal Management

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"/> <b>TLY</b> MEGA	<input type="checkbox"/> <b>015</b> 15W  <input type="checkbox"/> <b>020</b> 20W	<input type="checkbox"/> <b>01</b> Track	<input type="checkbox"/> <b>W</b> RAL9016 White  <input type="checkbox"/> <b>B</b> RAL9005 Black  <input type="checkbox"/> <b>C</b> Custom Finish *(Consult Factory)	<input type="checkbox"/> <b>J</b> 2-pin Juno  <input type="checkbox"/> <b>L</b> 2-pin Lightolier  <input type="checkbox"/> <b>H</b> 3-pin Halo  <input type="checkbox"/> <b>G</b> 4-pin Global	<input type="checkbox"/> <b>8</b> 80+  <input type="checkbox"/> <b>9</b> 90+	<input type="checkbox"/> <b>27</b> 2700K  <input type="checkbox"/> <b>30</b> 3000K  <input type="checkbox"/> <b>40</b> 4000K  <input type="checkbox"/> <b>50</b> 5000K	<input type="checkbox"/> <b>010</b> Narrow Spot 10°  <input type="checkbox"/> <b>025</b> Spot 25°  <input type="checkbox"/> <b>040</b> Spot 40°  <input type="checkbox"/> <b>060</b> Flood 60°	<input type="checkbox"/> <b>T</b> Triac  <input type="checkbox"/> <b>D</b> DALI  <input type="checkbox"/> <b>C</b> CASAMBI  <input type="checkbox"/> <b>N</b> Non-dimming

**ACCESSORIES** (TO BE ORDERED SEPARATELY)  
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





Type:

**SPECIFICATION SHEET**

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**PHOTOMETRIC DATA (NON-DIMMING)**

LUMEN PACKAGE	POWER	CCT	10°			25°			40°			60°		
			LUMENS	EFFICACY	MAX CANDELA									
TLY015-01	15W	3000K	1291	89	5714	1125	78	3035	1296	90	2252	1136	79	1320
TLY020-01	20W	3000K	1748	89	7755	1554	79	4619	1757	89	3003	1542	78	1761

**LUMEN MULTIPLIERS**

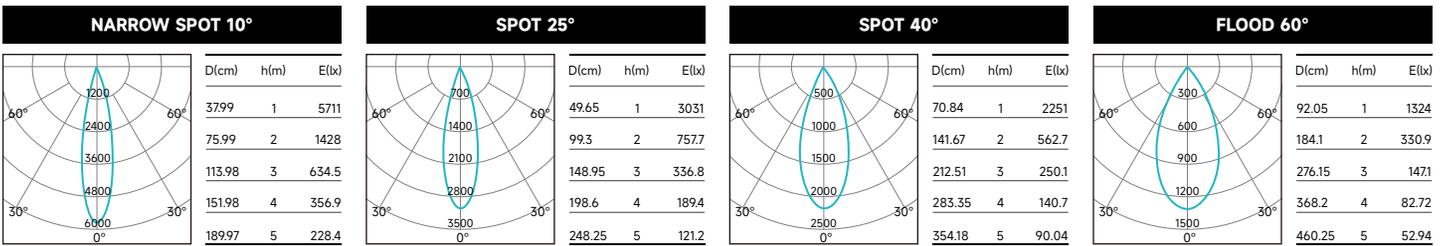
CCT	MULTIPLIER
2700K	0.97
3000K	1.00
4000K	1.06
5000K	1.06

**Applying Lumen Multipliers to Calculate Delivered Lumens**

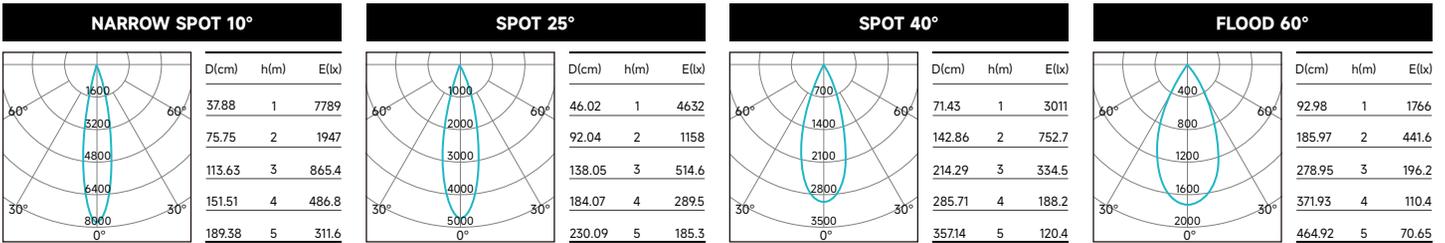
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
<b>STANDARD TRIM Example: TLY015-01 15W 4000K</b>				
1291 lm	x	1.06	=	1368 lm

**LIGHT DISTRIBUTION**

**3000K 15W**



**3000K 20W**





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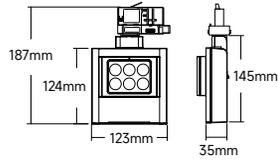
Project:

**DIMENSION**



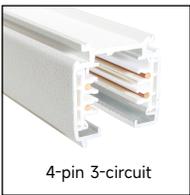
Track-mounted

TLY015-01  
TLY020-01

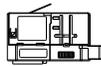


**INSTALLATION**

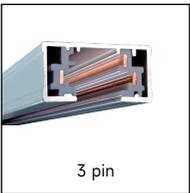
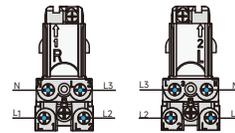
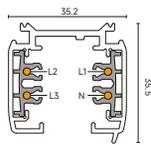
Track-mounted



4-pin 3-circuit



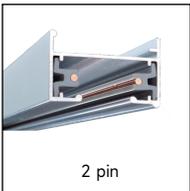
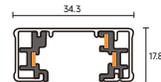
Global



3 pin



Halo



2 pin



Juno



Lightolier