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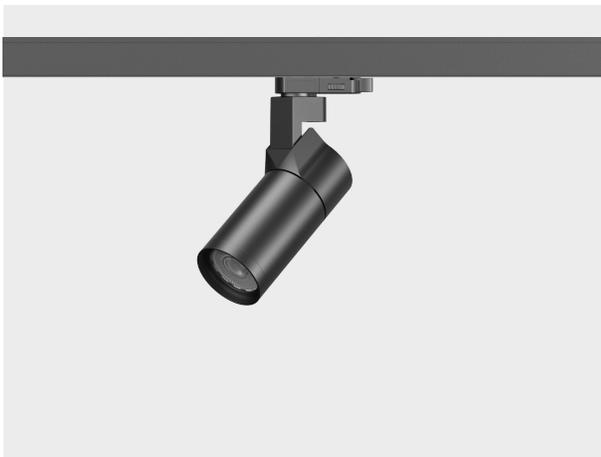
**SPECIFICATION SHEET**

Project:

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# OVEGA-Premium

## TLO010-21 / TLO015-21



### DESCRIPTION

OVEGA(EN-TLO series, Premium version) is a stylish and compact LED track light that will fit smoothly into any retail, gallery environments. High lumen efficiency(>100lm/W) & versatile optical accessories can increase the great light comfort and fulfill different light demands. 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. The integrated driver gives clean feeling and the ceiling will not be cluttered with drivers aimed in different directions.

### FEATURES

- Stylish and compact design with integrated driver.
- Excellent modular combination concept: integrated driver + different fixture bases + optical accessories, DIY to get different light solutions and easy for maintenance.
- Interchangeable lens: 15°, 24°, 38°, 60°.
- Can be dressed in 3 kinds of optical accessories to enhance the visual quality, reduce glare and cut off the light.
- Patented joints can hold the track head at any positions without malfunctions.
- 360°+ rotation without dead angle and 90° vertical aiming.
- Use OVEGA family to get a unified impression in one environment.

### ELECTRICAL

Power: 10W / 15W  
 Voltage: 220-240V / 100-277V AC  
 Frequency: 50/60Hz  
 Class: II  
 Power Factor: >0.90  
 Dimming: On-off / 0/1-10V / DALI / TRIAC

### OPTICAL

LED Type: COB  
 Lumen Output: 877lm(10W), 1158lm(15W)  
 Beam Optic: Narrow Spot (15°) / Spot (24°,38°) / Flood (60°)  
 Color Quality: CRI 80+/90+/95+, 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 / Pendant / Wall-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**

TLO	POWER	INSTALLATION	HOUSING COLOR	TRACK TYPE	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> <b>TLO</b> OVEGA	<input type="checkbox"/> <b>010</b> 10W	<input type="checkbox"/> <b>21</b> Track	<input type="checkbox"/> <b>W</b> RAL9016 White	<input type="checkbox"/> <b>J</b> 2-pin Juno	<input type="checkbox"/> <b>8</b> 80+	<input type="checkbox"/> <b>27</b> 2700K	<input type="checkbox"/> <b>015</b> Narrow Spot 15°	<input type="checkbox"/> <b>V</b> 0/1-10V
	<input type="checkbox"/> <b>015</b> 15W	<input type="checkbox"/> <b>22</b> Surface	<input type="checkbox"/> <b>B</b> RAL9005 Black	<input type="checkbox"/> <b>L</b> 2-pin Lightolier	<input type="checkbox"/> <b>9</b> 90+	<input type="checkbox"/> <b>30</b> 3000K	<input type="checkbox"/> <b>024</b> Spot 24°	<input type="checkbox"/> <b>T</b> Triac
		<input type="checkbox"/> <b>23</b> Pendant	<input type="checkbox"/> <b>C</b> Custom Finish *(Consult Factory)	<input type="checkbox"/> <b>H</b> 3-pin Halo	<input type="checkbox"/> <b>H</b> 95+	<input type="checkbox"/> <b>35</b> 3500K	<input type="checkbox"/> <b>038</b> Spot 38°	<input type="checkbox"/> <b>X</b> 0-10V/Triac
		<input type="checkbox"/> <b>24</b> Wall		<input type="checkbox"/> <b>G</b> 4-pin Global		<input type="checkbox"/> <b>40</b> 4000K	<input type="checkbox"/> <b>060</b> Flood 60°	<input type="checkbox"/> <b>D</b> DALI
				<input type="checkbox"/> <b>D</b> 6-pin DALI				<input type="checkbox"/> <b>N</b> Non-dimming

**ACCESSORIES** (TO BE ORDERED SEPARATELY)  
FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

**OPTICAL ACCESSORY**

**Honeycomb**  
TLO-AC07



**Cross Louver**  
TLO-AC08



**Barn Door**  
TLO-AC09





Type:

Project:

**PHOTOMETRIC DATA (NON-DIMMING)**

LUMEN PACKAGE	POWER	CCT	15°			24°			38°			60°		
			LUMENS	EFFICACY	MAX CANDELA									
TLO010-21	10W	3000K	877	89	5027	860	87	3121	843	86	1876	874	89	901
TLO015-21	15W	3000K	1123	78	6619	1144	79	4148	1098	76	2434	1158	81	1194

**LUMEN MULTIPLIERS**

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

**Applying Lumen Multipliers to Calculate Delivered Lumens**

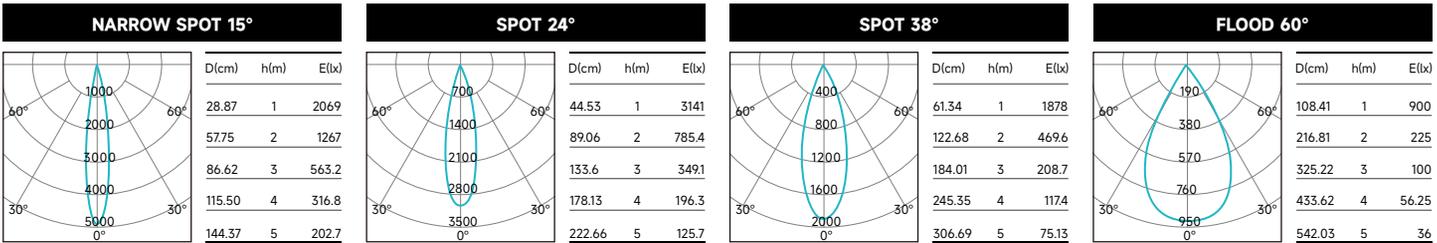
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
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**STANDARD TRIM Example: TLO010-21 10W 3500K**

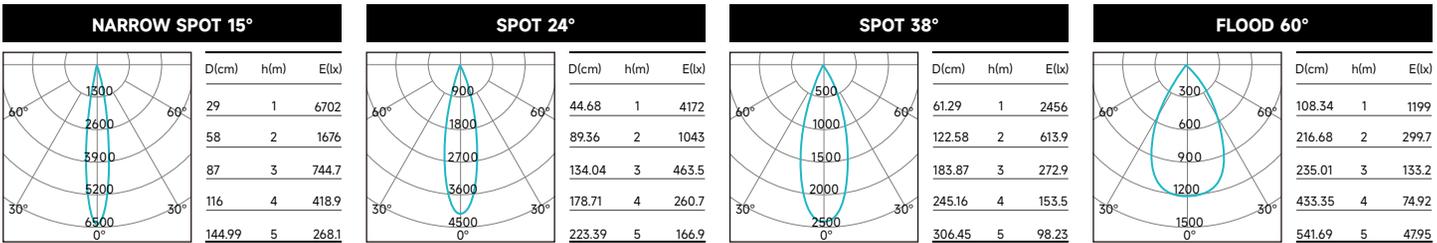
877 lm	x	1.07	=	938 lm
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**LIGHT DISTRIBUTION**

**3000K 10W**



**3000K 15W**

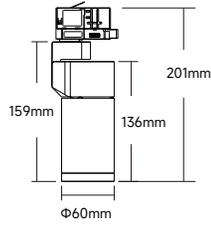


**DIMENSION**



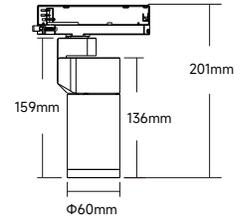
Track-mounted

TLO010-21



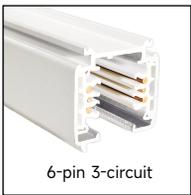
Track-mounted

TLO015-21

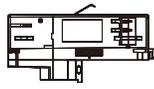


**INSTALLATION**

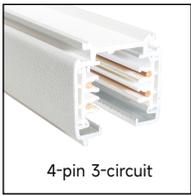
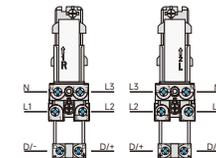
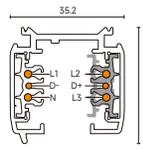
Track-mounted



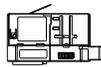
6-pin 3-circuit



DALI



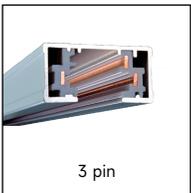
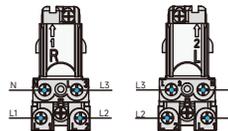
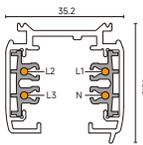
4-pin 3-circuit



Global



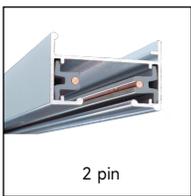
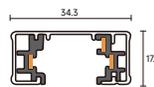
Standard



3 pin



Halo



2 pin



Juno



Lightolier

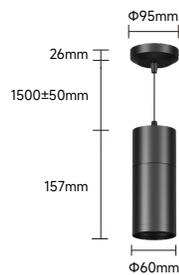
Surface-mounted

TLO010-22  
TLO015-22



Pendant

TLO010-23  
TLO015-23

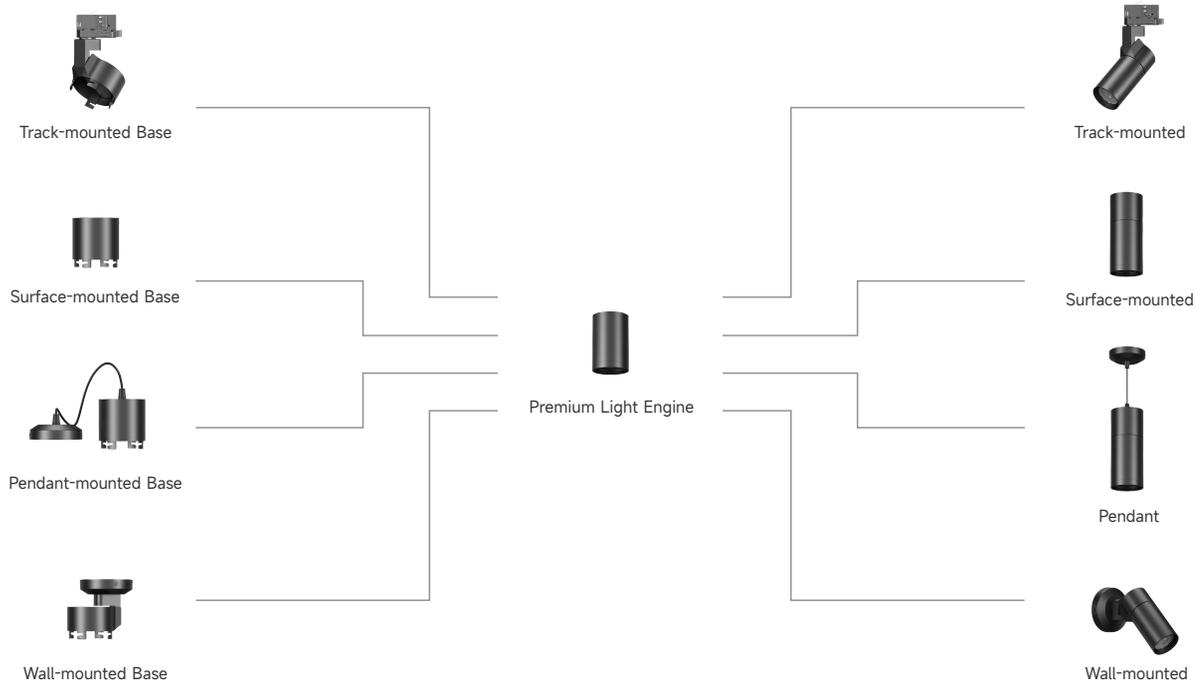


Wall-mounted

TLO010-24  
TLO015-24



**EXCELLENT MODULAR COMBINATION CONCEPT**



**OVEGA TRACK LIGHT SYSTEM**

UNLIMITED POSSIBILITIES with OVEGA family. Seven versions in excellent modular combination concept with similar appearances but different light solutions entitle OVEGA family will fit smoothly into any retails, museums and galleries environment.

In versions with different light solutions, OVEGA covers high performance accent lighting with very narrow beam 6°, different interchangeable beam lens & different optical accessories, flood lighting of exhibits, beam angle adjusting from narrow to wide, wall washing and projection.

Except versatile light solutions, OVEGA is also a complete family with different installation methods(track-mounted, pendant, surface-mounted and wall-mounted). So, if you have an environment where ask for different light solutions & different installation methods, OVEGA family will be a great choice to get a unified impression.

**DETAILS**



Scan to know more about product information