



Type:

Project:

# OVEGA-Premium

## TLO020-21 / TLO025-21



### 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.
- Light efficiency is up to 110lm/W.
- Interchangeable lens: 15°, 24°, 38°, 60°.
- Can be dressed in 6 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: 20W / 25W  
 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: 1883lm(20W), 2347lm(25W)  
 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



**ORDERING INFORMATION**

TLO								
SERIES	POWER	INSTALLATION	HOUSING COLOR	TRACK TYPE	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> <b>TLO</b> OVEGA	<input type="checkbox"/> <b>020</b> 20W	<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>025</b> 25W	<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>N</b> Non-dimming
				<input type="checkbox"/> <b>D</b> 6-pin DALI				

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

**OPTICAL ACCESSORY**
 **Honeycomb**  
TLO-AC01

 **Cross Louver**  
TLO-AC02

 **Snoot**  
TLO-AC03

 **Eye Snoot**  
TLO-AC04

 **Wall Washing Ring**  
TLO-AC05

 **Barn Door**  
TLO-AC06


**PHOTOMETRIC DATA (NON-DIMMING)**

LUMEN PACKAGE	POWER	CCT	15°			24°			38°			60°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLO20-21	20W	3000K	1774	96	9596	1829	99	7474	1879	102	4721	1883	102	2147
TLO25-21	25W	3000K	2189	98	11214	2332	104	9261	2338	104	5556	2347	105	2711

**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
<b>STANDARD TRIM Example: TLO020-21 20W 3500K</b>				
1774 lm	x	1.07	=	1898 lm

**LIGHT DISTRIBUTION**
**3000K 20W**

NARROW SPOT 15°			SPOT 24°			SPOT 38°			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)
	38.25	1	9105		43.17	1	7397		58.83	1	4502		105.11	1	2144
	76.5	2	2276		86.35	2	1849		117.66	2	1125		210.22	2	536
	114.74	3	1012		129.52	3	821.9		176.48	3	500.2		315.33	3	238.2
	152.99	4	569.1		172.7	4	462.3		235.31	4	281.4		420.45	4	134
	191.24	5	364.2		215.87	5	295.9		294.14	5	180.1		525.56	5	85.76

**3000K 25W**

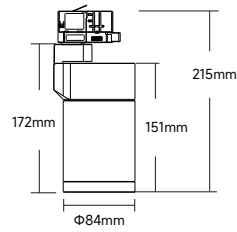
NARROW SPOT 15°			SPOT 24°			SPOT 38°			FLOOD 60°						
	D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)
	36.61	1	11248		43.76	1	9320		59.23	1	5573		105.18	1	2692
	73.23	2	2812		87.53	2	2330		118.45	2	1393		210.36	2	673
	109.84	3	1250		131.29	3	1036		177.68	3	619.2		315.53	3	299.1
	146.45	4	703		175.06	4	582.5		236.9	4	348.3		420.71	4	168.2
	183.06	5	449.9		218.82	5	372.8		296.13	5	222.9		525.89	5	107.7

**DIMENSION**



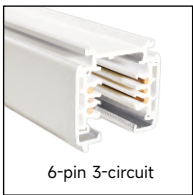
Track-mounted

TLO020-21  
TLO025-21



**INSTALLATION**

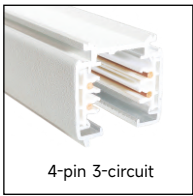
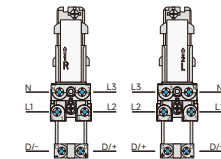
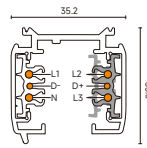
Track-mounted



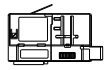
6-pin 3-circuit



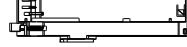
DALI



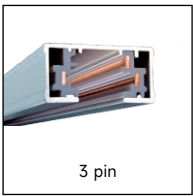
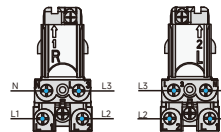
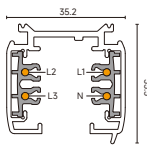
4-pin 3-circuit



Global



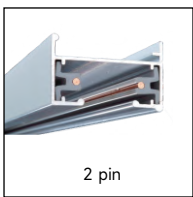
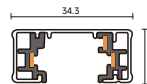
Standard



3 pin



Halo



2 pin



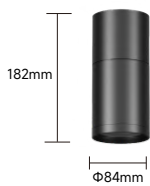
Juno



Lightolier

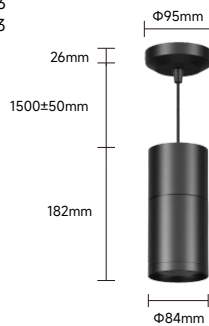
Surface-mounted

TLO020-22  
TLO025-22



Pendant

TLO020-23  
TLO025-23



Wall-mounted

TLO020-24  
TLO025-24



**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**



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