



Type:

SPECIFICATION SHEET

Project:

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OVEGA-Zoomable

TLO020-31 / TLO025-31 / TLO030-31



DESCRIPTION

OVEGA(EN-TLO series, Zoomable version) is a stylish and compact LED track light that will fit smoothly into any museum, gallery and retail environments. Featuring an adjustable beam mechanism designed to provide endless beam options from a 10° narrow to a 60° wide flood distribution. 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, DIY to get different light solutions and easy for maintenance.
- Beam angle adjustable mechanism provides endless beam options from a narrow to wide flood distribution by simply rotate the rubber ring.
- Light efficiency is up to 90lm/W.
- 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 / 30W
 Voltage: 220-240V / 100-277V AC
 Frequency: 50/60Hz
 Class: II
 Power Factor: >0.90
 Dimming: On-off / 0/1-10V / DALI / TRIAC

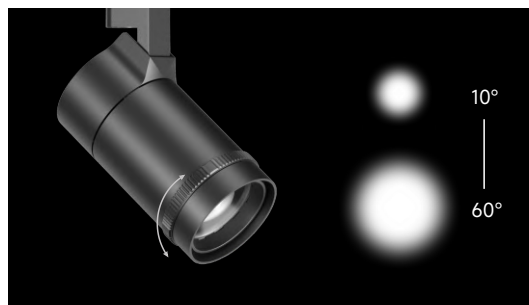
OPTICAL

LED Type: COB
 Lumen Output: 1789lm(20W), 2107lm(25W),2463lm(30W)
 Beam Optic: 10°-60°(20W/25W), 25°-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"/> TLO OVEGA	<input type="checkbox"/> 020 20W	<input type="checkbox"/> 31 Track	<input type="checkbox"/> W RAL9016 White	<input type="checkbox"/> J 2-pin Juno	<input type="checkbox"/> 8 80+	<input type="checkbox"/> 27 2700K	20W-25W <input type="checkbox"/> 1T6 10°-60°	<input type="checkbox"/> V 0/1-10V
	<input type="checkbox"/> 025 25W	<input type="checkbox"/> 32 Surface	<input type="checkbox"/> B RAL9005 Black	<input type="checkbox"/> L 2-pin Lightolier	<input type="checkbox"/> 9 90+	<input type="checkbox"/> 30 3000K		20W-30W <input type="checkbox"/> 2T6 25°-60°
	<input type="checkbox"/> 030 30W	<input type="checkbox"/> 33 Pendant	<input type="checkbox"/> C Custom Finish *(Consult Factory)	<input type="checkbox"/> H 3-pin Halo	<input type="checkbox"/> H 95+	<input type="checkbox"/> 35 3500K		<input type="checkbox"/> X 0-10V/Triac
		<input type="checkbox"/> 34 Wall		<input type="checkbox"/> G 4-pin Global		<input type="checkbox"/> 40 4000K		<input type="checkbox"/> D DALI
				<input type="checkbox"/> D 6-pin DALI				<input type="checkbox"/> N Non-dimming

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

OPTICAL ACCESSORY

<input type="checkbox"/> Honeycomb TLO-AC11 	<input type="checkbox"/> Circular Small TLO-AC24 	<input type="checkbox"/> Circular Big TLO-AC25 	<input type="checkbox"/> Square TLO-AC26 	<input type="checkbox"/> Rectangular TLO-AC27 	<input type="checkbox"/> Wall Washing TLO-AC28 
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PHOTOMETRIC DATA (NON-DIMMING)

LUMEN PACKAGE	POWER	CCT	10°			60°			25°			60°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLO020-31	20W	3000K	1090	52	22506	1366	65	1783	1628	88	8405	1789	97	1918
TLO025-31	25W	3000K	1232	47	25733	1484	57	1927	1920	85	9908	2107	93	2258

LUMEN PACKAGE	POWER	CCT	25°			60°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLO030-31	30W	3000K	2244	84	11612	2463	92	2638

LUMEN MULTIPLIERS

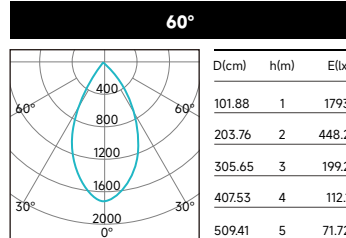
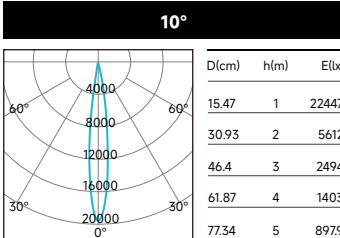
CCT	MULTIPLIER
2700K	0.93
3000K	1.00
3500K	1.07
4000K	1.15

Applying Lumen Multipliers to Calculate Delivered Lumens

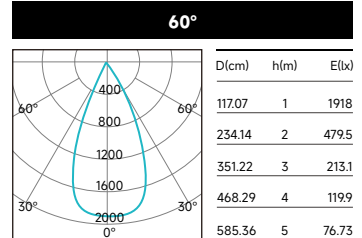
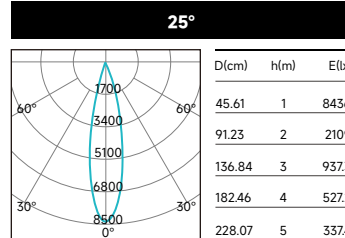
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: TLO020-31 20W 3500K				
1090 lm	x	1.07	=	1166 lm

LIGHT DISTRIBUTION

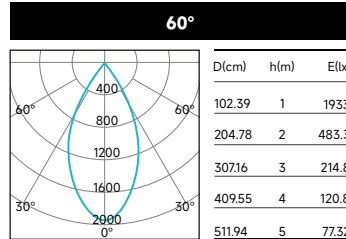
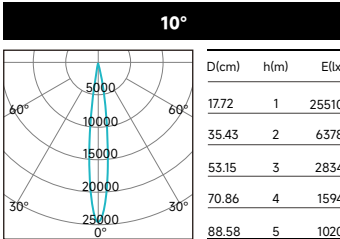
3000K 20W



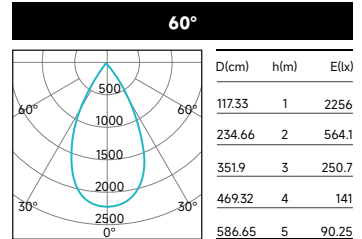
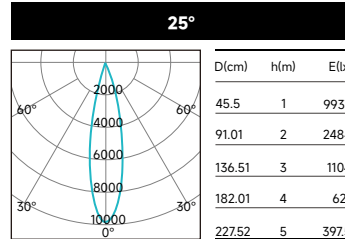
3000K 20W



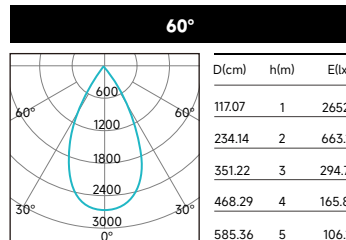
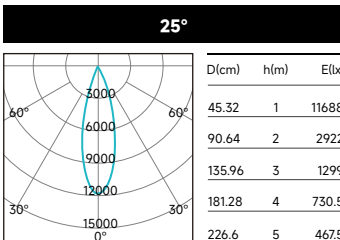
3000K 25W



3000K 25W



3000K 30W



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 T: +852 6768 2519

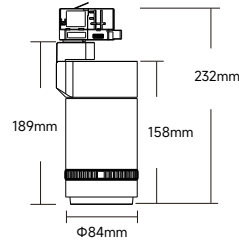
ENCORE
 www.encore-tech.com

DIMENSION



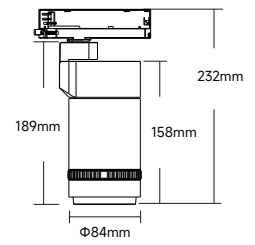
Track-mounted

TLO020-31
TLO025-31



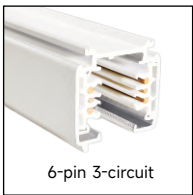
Track-mounted

TLO030-31

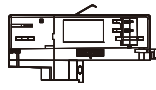


INSTALLATION

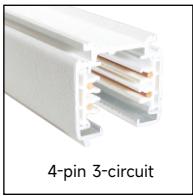
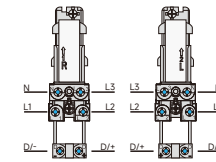
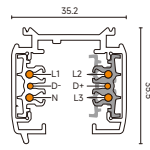
Track-mounted



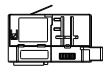
6-pin 3-circuit



DALI



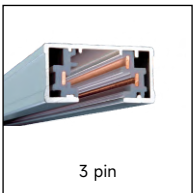
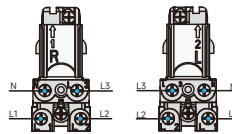
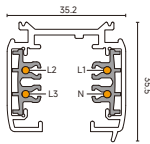
4-pin 3-circuit



Global



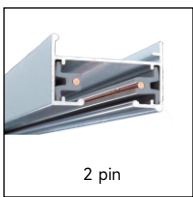
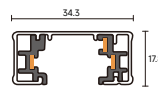
Standard



3 pin



Halo



2 pin



Juno



Lightolier

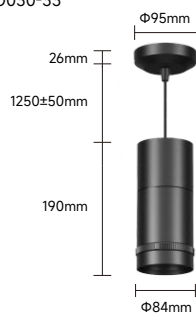
Surface-mounted

TLO020-32
TLO025-32
TLO030-32



Pendant

TLO020-33
TLO025-33
TLO030-33

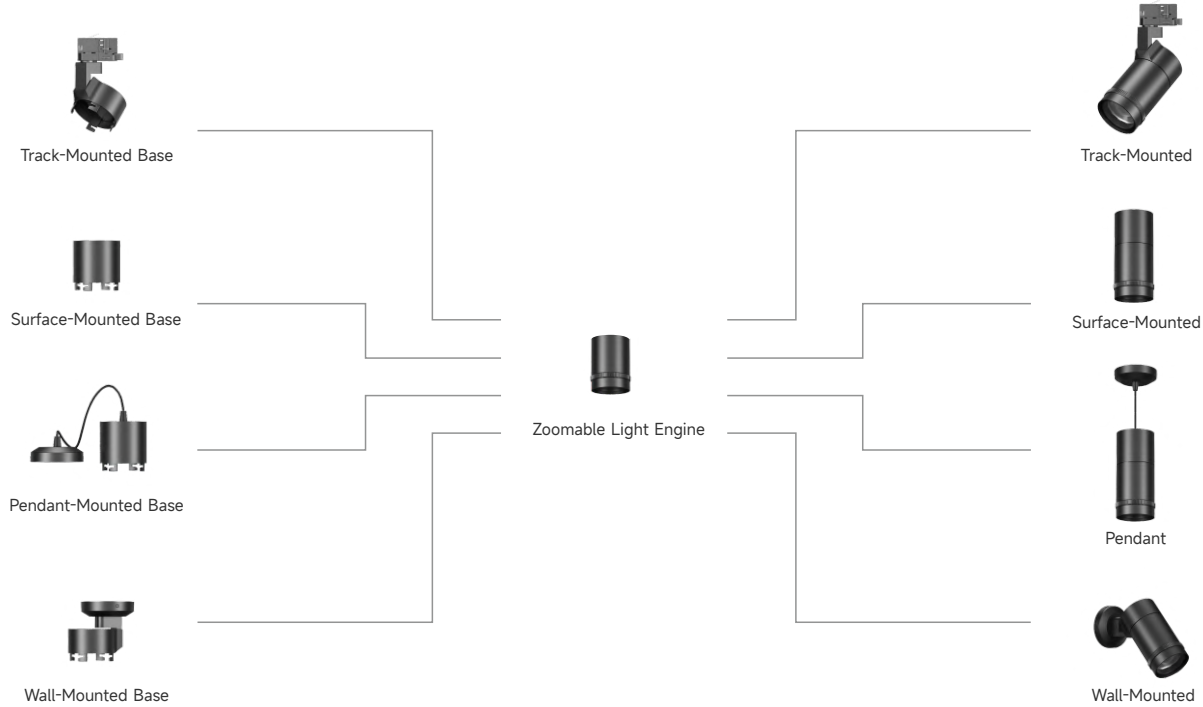


Wall-mounted

TLO020-34
TLO025-34
TLO030-34



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