



Type:

**SPECIFICATION SHEET**

Project:

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# OVEGA-Projector

TLO010-41 / TLO015-41 / TLO020-41 / TLO025-41



## DESCRIPTION

OVEGA(EN-TLO series, Projection version) is a stylish and compact LED function track light that will fit smoothly into any high-end museum, gallery environments. Featuring an adjustable beam and framing patterns mechanism designed to provide different sizes of light spot and different light shapes. 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.
- Designed for precise, sharp-focused or soft-focused projection of a light field.
- An adjustable beam(20°-40°) and a set of four framing blades bring sharp-edged or soft edged, high-contrast square & triangle light shape at user's convenience.
- 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 / 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

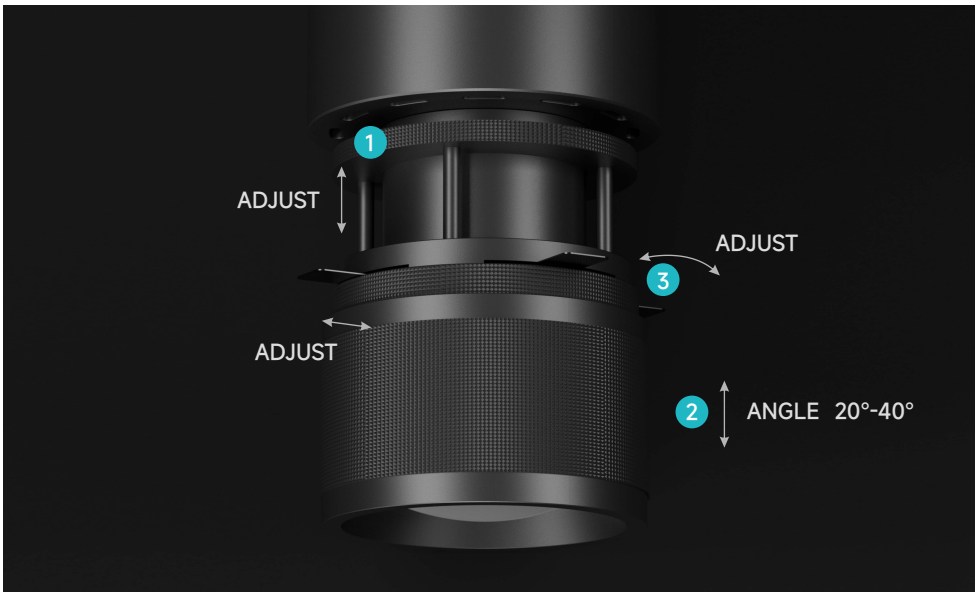
## OPTICAL

LED Type:	COB
Lumen Output:	696lm(10W), 953lm(15W), 1293lm(20W), 1482lm(25W)
Beam Optic:	20°-40°
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

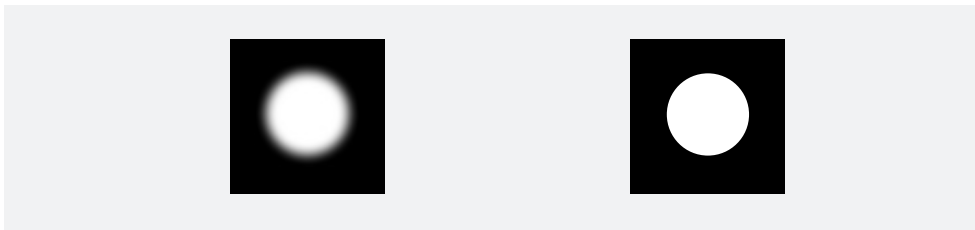
## LUMINAIRE

Location:	Indoor
Installation Methods:	Track-mounted / 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

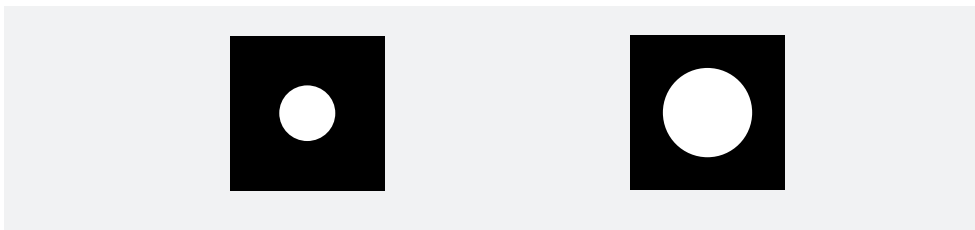
**DETAILS**



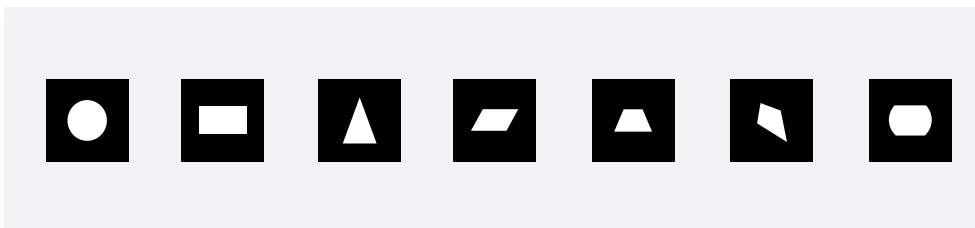
**SOLUTION 1: Clear or Soft Outline**



**SOLUTION 2: Light Beam**



**SOLUTION 3: Framing Patterns**





Type:

Project:

**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>010</b> 10W	<input type="checkbox"/> <b>41</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>2T4</b> 20°-40°	<input type="checkbox"/> <b>V</b> 0/1-10V
	<input type="checkbox"/> <b>015</b> 15W	<input type="checkbox"/> <b>44</b> Wall	<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>T</b> Triac
	<input type="checkbox"/> <b>020</b> 20W		<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>X</b> 0-10V/Triac
	<input type="checkbox"/> <b>025</b> 25W			<input type="checkbox"/> <b>G</b> 4-pin Global		<input type="checkbox"/> <b>40</b> 4000K		<input type="checkbox"/> <b>D</b> DALI
				<input type="checkbox"/> <b>D</b> 6-pin DALI				<input type="checkbox"/> <b>N</b> Non-dimming



Type:

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**PHOTOMETRIC DATA (NON-DIMMING)**

LUMEN PACKAGE	POWER	CCT	20°			40°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLO010-41	10W	3000K	678	70	5233	696	72	2313
TLO015-41	15W	3000K	936	66	7166	953	67	3214
TLO020-41	20W	3000K	1288	61	9946	1293	61	4467
TLO025-41	25W	3000K	1458	57	11387	1482	58	4937

**LUMEN MULTIPLIERS**

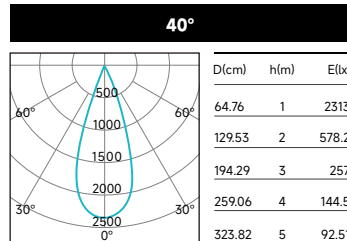
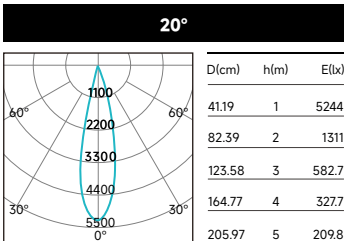
CCT	MULTIPLIER
2700K	0.93
3000K	1.00
3500K	1.03
4000K	1.04

**Applying Lumen Multipliers to Calculate Delivered Lumens**

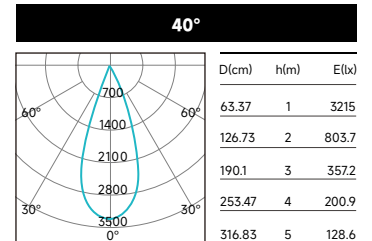
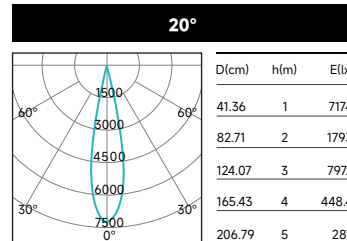
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
<b>STANDARD TRIM Example: TLO010-41 10W 3500K</b>				
678 lm	x	1.03	=	698 lm

**LIGHT DISTRIBUTION**

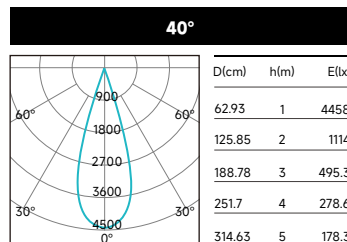
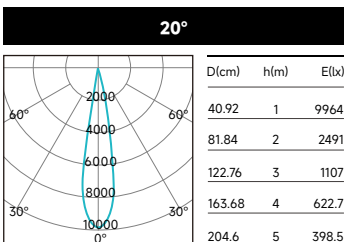
**3000K 10W**



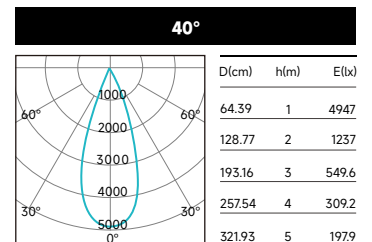
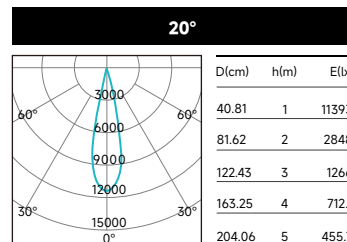
**3000K 15W**



**3000K 20W**



**3000K 25W**

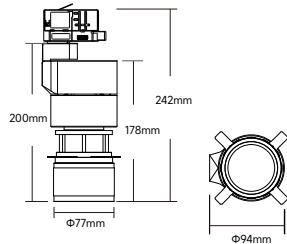


**DIMENSION**



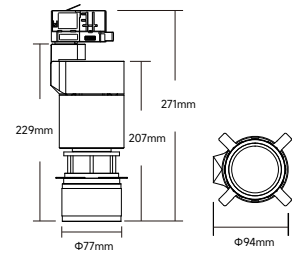
Track-mounted

TLO010-41  
TLO015-41  
TLO020-41



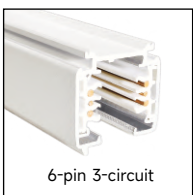
Track-mounted

TLO025-41

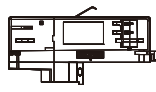


**INSTALLATION**

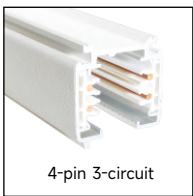
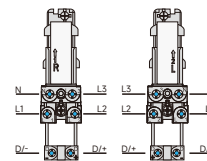
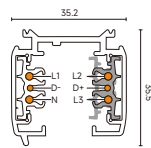
Track-mounted



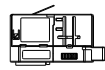
6-pin 3-circuit



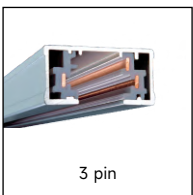
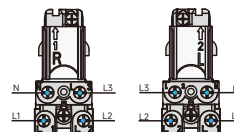
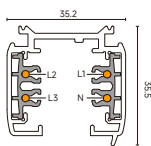
DALI



4-pin 3-circuit



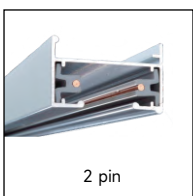
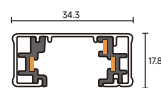
Global



3 pin



Halo



2 pin



Juno



Lightolier

Wall-mounted

TLO010-44  
TLO015-44  
TLO020-44

TLO025-44



**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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