



Type:

SPECIFICATION SHEET

Project:

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OVEGA-Wall Washer

TLO020-51



DESCRIPTION

OVEGA(EN-TLO series, Wall Washer version) is a stylish and compact LED track light that will fit smoothly into any commercial environments where requires vertical illuminance for brightening and dividing the space. It can wash the wall very smoothly and evenly without any shadow. 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.
- Asymmetrical light distribution for highly uniform wall washing, 25°x75°.
- 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
 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: 1396lm
 Beam Optic: 25°x75°
 Color Quality: CRI 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





Type:

Project:

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"/> 51 Track <input type="checkbox"/> 54 Wall	<input type="checkbox"/> W RAL9016 White <input type="checkbox"/> B RAL9005 Black <input type="checkbox"/> C Custom Finish *(Consult Factory)	<input type="checkbox"/> J 2-pin Juno <input type="checkbox"/> L 2-pin Lightolier <input type="checkbox"/> H 3-pin Halo <input type="checkbox"/> G 4-pin Global <input type="checkbox"/> D 6-pin DALI	<input type="checkbox"/> 9 90+ <input type="checkbox"/> H 95+	<input type="checkbox"/> 27 2700K <input type="checkbox"/> 30 3000K <input type="checkbox"/> 35 3500K <input type="checkbox"/> 40 4000K	<input type="checkbox"/> 2X7 Wall wash 25°x75°	<input type="checkbox"/> V 0/1-10V <input type="checkbox"/> T Triac <input type="checkbox"/> X 0-10V/Triac <input type="checkbox"/> D DALI <input type="checkbox"/> N Non-dimming

PHOTOMETRIC DATA (NON-DIMMING)

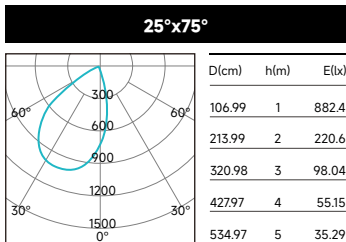
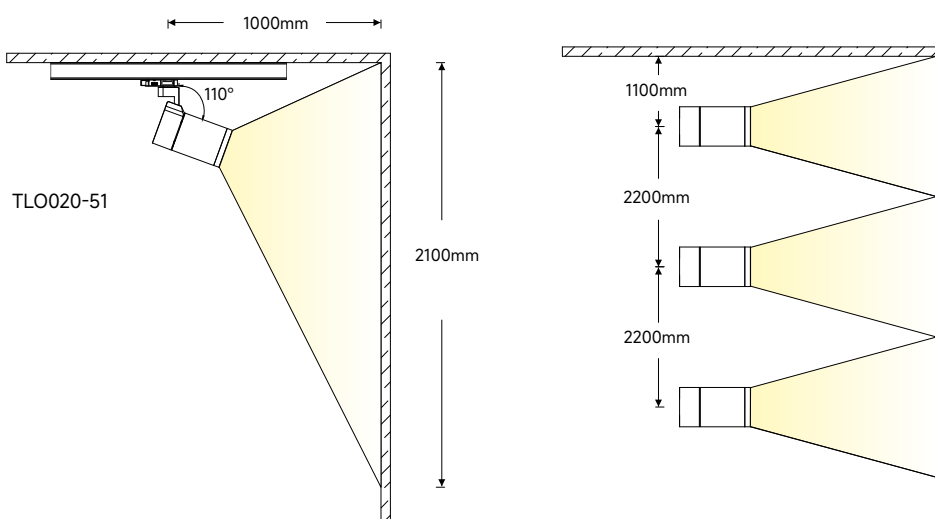
LUMEN PACKAGE	POWER	CCT	25°*75°		
			LUMENS	EFFICACY	MAX CANDELA
TLO020-51	20W	3000K	1396	70	1062

LUMEN MULTIPLIERS

CCT	MULTIPLIER
2700K	0.94
3000K	1.00
3500K	1.00
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
STANDARD TRIM Example: TLO020-51 20W 4000K				
1396 lm	x	1.04	=	1451 lm

LIGHT DISTRIBUTION
3000K 20W

WALL WASHING SUGGESTED SPACING AND WALL DISTANCE




Type:

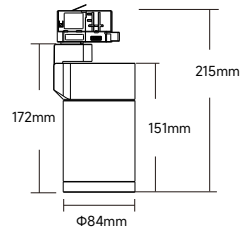
Project:

DIMENSION



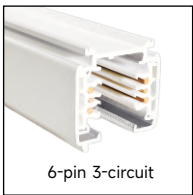
Track-mounted

TLO020-51

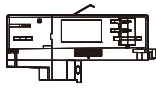


INSTALLATION

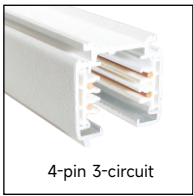
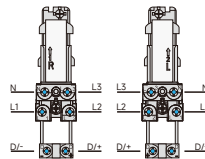
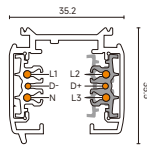
Track-mounted



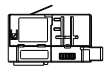
6-pin 3-circuit



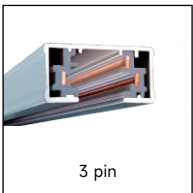
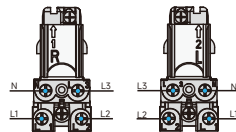
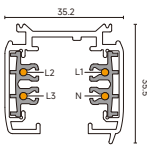
DALI



4-pin 3-circuit



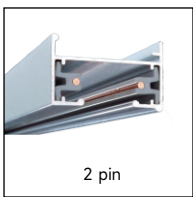
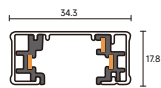
Global



3 pin



Halo



2 pin



Juno



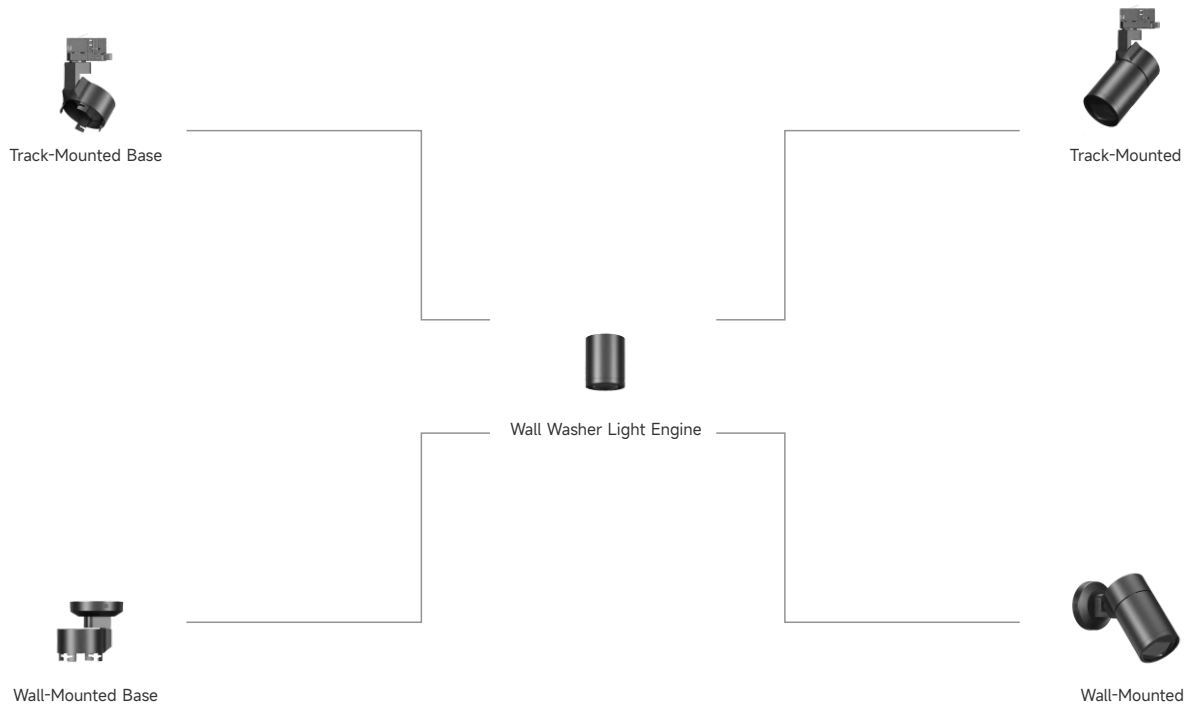
Lightolier

Wall-mounted

TLO020-54



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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