



Type:

SPECIFICATION SHEET

Project:

Page 1 / 5

OVEGA-Standard

TLO020-11 / TLO025-11 / TLO030-11



DESCRIPTION

OVEGA(EN-TLO series, Standard version) is a stylish and compact LED track light that will fit smoothly into any retail, gallery environments. The front snoot can bring a good light comfort. 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.
- Light efficiency is up to 95lm/W.
- Interchangeable lens: 15°, 24°, 38°, 60°.
- Patented joints can hold the lights 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
Power factor: >0.90
Dimming: On-off / 0/1-10V / DALI / TRIAC

OPTICAL

LED type: COB
Lumen output: 1800lm(20W), 2070lm(25W), 2362lm(30W)
Beam optic: 15° / 24° / 38° / 60°
Color quality: CRI 80+/90+/95+, SDCM≤3
Light color: Static white: 2700K/3000K/3500K/4000K

LUMINAIRE

Installation methods: Track-mounted / Surface-mounted / Pendant / Wall-mounted
Housing color: Black / White / Silver
Operating temperature: -20°C~40°C
Lifespan: >50000h@80%(L80)
Warranty: 5 years limited warranty

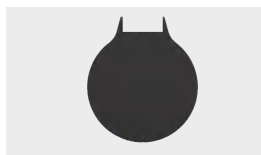
DETAILS



Eye comfortable design



Very reliable joint



Cat outline



ORDERING INFORMATION

TLO								
SERIES	POWER	INSTALLATION	HOUSING COLOR	TRACK TYPE	CRI	CCT	OPTIC	DIMMING
☐ TLO OVEGA	☐ 020 20W	☐ 11 Track	☐ W White	☐ J 2-pin Juno	☐ 8 80+	☐ 27 2700K	☐ 015 15°	☐ V 0/1-10V
	☐ 025 25W	☐ 12 Surface	☐ B Black	☐ L 2-pin Lightolier	☐ 9 90+	☐ 30 3000K	☐ 024 24°	☐ T Triac
	☐ 030 30W	☐ 13 Pendant	☐ S Silver	☐ H 3-pin Halo	☐ H 95+	☐ 35 3500K	☐ 038 38°	☐ X 0-10V/Triac
		☐ 14 Wall		☐ G 4-pin Global		☐ 40 4000K	☐ 060 60°	☐ D DALI
				☐ D 6-pin DALI				☐ N Non-dimming

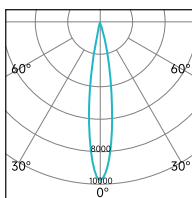
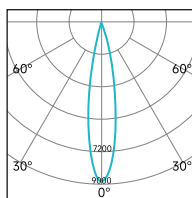
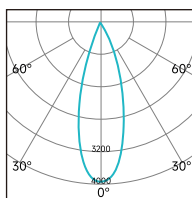
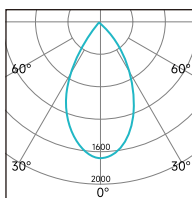


PHOTOMETRIC DATA (NON-DIMMING)

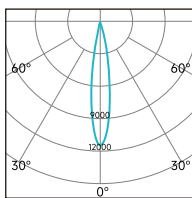
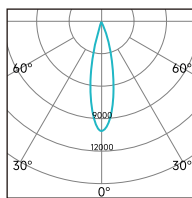
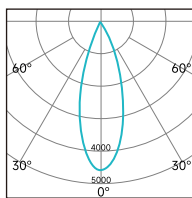
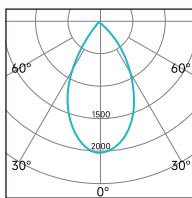
POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
20W	3000K	90	15°	1669	80	9831
			24°	1796	86	9010
			38°	1800	87	3958
			60°	1638	79	1740
25W	3000K	90	15°	1888	74	11109
			24°	2065	81	10412
			38°	2070	81	4555
			60°	1914	75	2030
30W	3000K	90	15°	2265	87	11141
			24°	2362	91	10063
			38°	2358	91	4713
			60°	2152	84	2252

LIGHT DISTRIBUTION

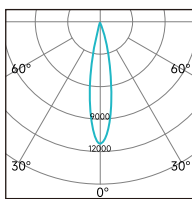
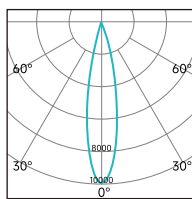
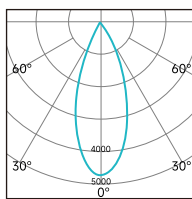
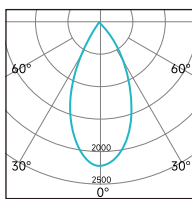
3000K 20W

15°			24°			38°			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)
	34.09	1	9944		35.03	1	9088		66.47	1	3971		105.56	1	1742
	68.19	2	2486		70.06	2	2272		132.93	2	992.8		211.11	2	435.6
	102.28	3	1105		105.09	3	1010		199.4	3	441.2		316.67	3	193.6
	136.38	4	621.5		140.11	4	568		265.86	4	248.2		422.23	4	108.9
	170.47	5	397.8		175.14	5	363.5		332.33	5	158.8		527.78	5	69.69

3000K 25W

15°			24°			38°			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)
	34.63	1	11144		35.71	1	10401		66.47	1	4564		106.07	1	2033
	69.27	2	2786		71.42	2	2600		132.94	2	1141		212.14	2	508.2
	103.9	3	1238		107.14	3	1156		199.41	3	507.1		318.21	3	225.9
	138.53	4	696.5		142.85	4	650		265.89	4	285.2		424.28	4	127.1
	173.17	5	445.7		178.56	5	416		332.36	5	182.5		530.35	5	81.32

3000K 30W

15°			24°			38°			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)
	36.97	1	11202		38.38	1	10075		69.19	1	4713		105.78	1	2253
	73.95	2	2800		76.76	2	2519		138.39	2	1178		211.56	2	563.3
	110.92	3	1245		115.15	3	1119		207.58	3	523.6		317.34	3	250.4
	147.89	4	700.1		153.53	4	629.7		276.78	4	294.6		423.12	4	140.8
	184.87	5	448.1		191.91	5	403		345.97	5	188.5		528.9	5	90.13

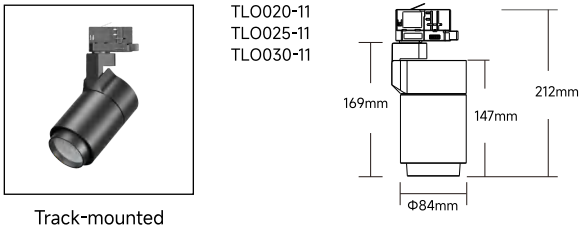
LUMEN MULTIPLIERS

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

Applying Lumen Multipliers to Calculate Delivered Lumens

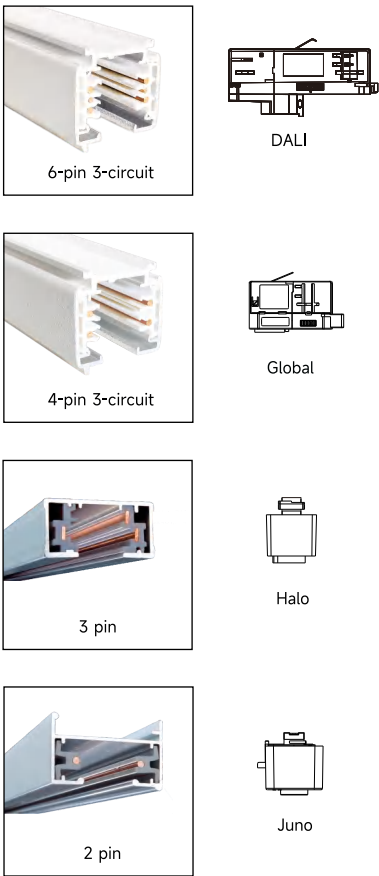
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: TLO020-11 20W 3500K				
1800 lm	x	1.07	=	1926 lm

DIMENSION



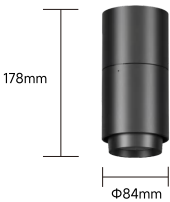
INSTALLATION

Track-mounted



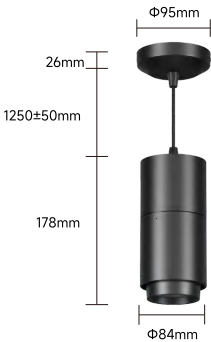
Surface-mounted

TLO020-12
TLO025-12
TLO030-12



Pendant

TLO020-13
TLO025-13
TLO030-13

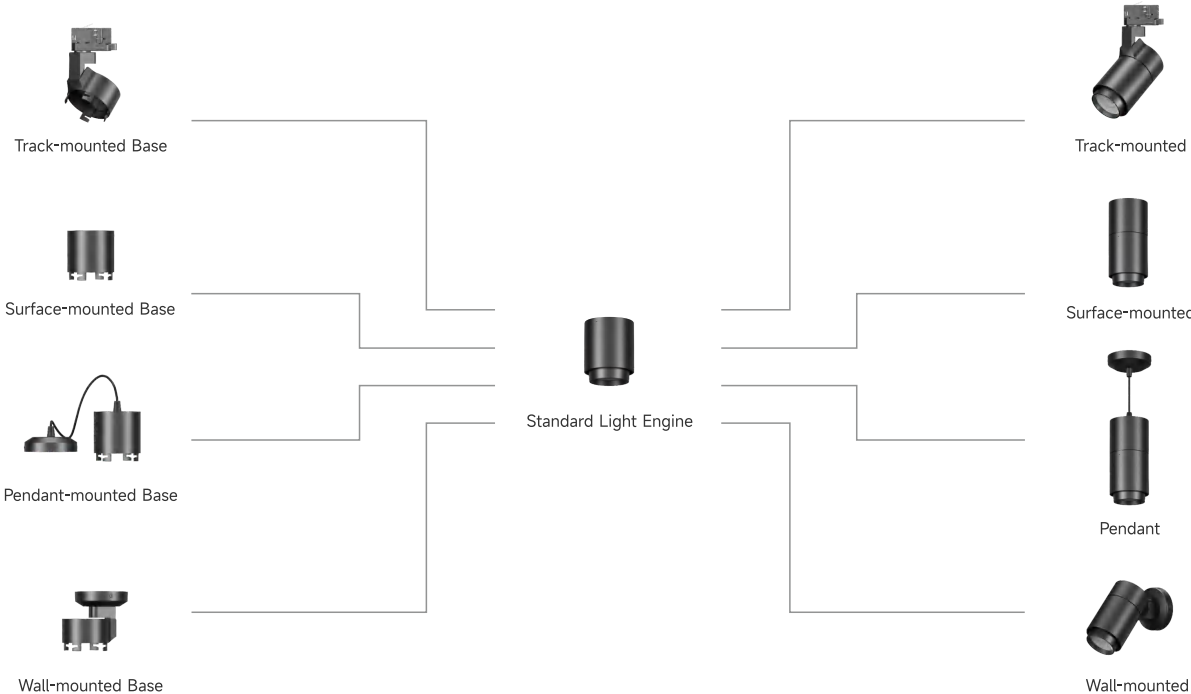


Wall-mounted

TLO020-14
TLO025-14
TLO030-14



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