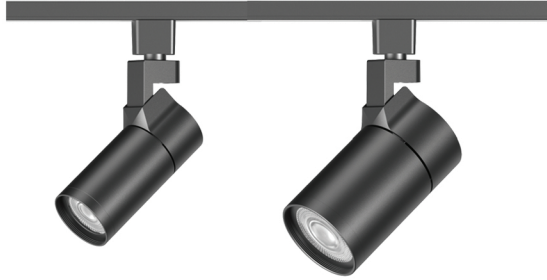


PROJECT:

TYPE:

CATALOG #:

DATE:



DESCRIPTION

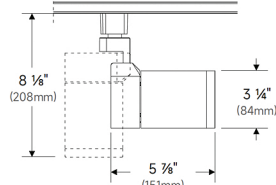
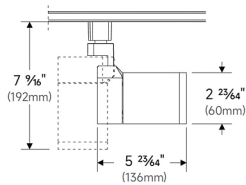
VEGA(VN-TLO series, Premium version) is a stylish and compact LED track light that will fit smoothly into any retail, gallery environments. High lumen efficiency(>100lm/W) & versatile optical accessories can increase the great light comfort and fulfill different light demands. The head can be adjusted 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 100lm/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 VEGA family to get a unified impression in one environment.

VN-TLO010-21
VN-TLO015-21

VN-TLO020-21
VN-TLO025-21
VN-TLO030-21



		VN-TLO010-21	VN-TLO015-21	VN-TLO020-21	VN-TLO025-21	VN-TLO030-21
WATTAGE		10W	15W	20W	25W	30W
LUMEN OUTPUT		911lm	1312lm	1858lm	2199lm	2606lm
BEAM OPTICS	Narrow Spot 	15°	15°	15°	15°	15°
	Spot 	24°	24°	24°	24°	24°
	Flood 	36°	36°	38°	38°	38°
	Wide Flood 	60°	60°	60°	60°	60°
COLOR TEMPERATURE		2700K, 3000K, 3500K, 4000K				
CRI		80+ , 90+ , 95+(optional)				
INPUT WATTAGE		10W	15W	20W	25W	30W
INPUT VOLTAGE		120VAC Dimming, 60Hz				
DIMMING TYPE		Optional leading (Triac) and trailing edge (ELV) for 120V only				
MOUNTING		Track-Mounted: ① Single-circuit: Halo, Juno, Lightolier ② 2-circuit: TEK, HTEK ③ 3-circuit: Golobal			Wall-Mounted Pendant Surface-Mounted	
FINISH		White, Black, Silver				
WEIGHT		1.10lbs (0.50kg)		1.80lbs (0.82kg)		
LISTINGS		cETLus Listed to UL and CSA Standards; Suitable for Dry Locations only				
WARRANTY		5 year limited warranty				
SYSTEM RATING		80% of initial lumens at 50000 hours (L80)				

Approximate lumen output based on 3000K performance, see photometric test results for additional information.

Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

***Please note lumens and wattage are subject to change and will be determined post production of the first articles.

*Any custom modifications are subject to minimum order quantity. (M.O.Q.)

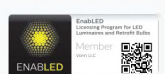
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DATE:

ORDERING INFORMATION

VN	TL	O		2							120
VONN	Product Type	Series Code	Wattage	Generation	Installation Code	CRI	CCT	Dimming Methods	Beam Angle	Housing Color	Voltage
VN VONN	TL Track light	O VEGA	010 10W 015 15W 020 20W 025 25W 030 30W	2 Premium	1 On Track 2 Surface-Mounted 3 Pendant 4 Wall-Mounted	8 80CRI 9 90CRI	27 2700K 30 3000K 35 3500K 40 4000K	N None T Triac Y 0/1-10V Dimmabl & With dimmer	015 15° 024 24° 036 36° 10W 15W 038 38° 20W 25W 35W 060 60°	W White B Black S Silver	120 100-120V

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

10W, 15W

VN-TLO010-21
VN-TLO015-21

☐ HONEYCOMB FILTER
VN-TLO-AC07-(White/Black)



☐ CROSS LOUVER
VN-TLO-AC08-(White/Black)



☐ BARN DOOR
VN-TLO-AC09-(White/Black)



20W, 25W, 30W

VN-TLO020-21
VN-TLO025-21
VN-TLO030-21

☐ HONEYCOMB FILTER
VN-TLO-AC01-(White/Black)



☐ CROSS LOUVER
VN-TLO-AC02-(White/Black)



☐ SNOOT
VN-TLO-AC03-(White/Black)



☐ EYE SNOOT
VN-TLO-AC04-(White/Black)



☐ WALL WASHING RING
VN-TLO-AC05-(White/Black)



☐ BARN DOOR
VN-TLO-AC06-(White/Black)



LUMEN MULTIPLIERS

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

CRI	MULTIPLIER
80+	1.23
90+	1.00

Applying Lumen Multipliers to Calculate Delivered Lumens

Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	x	CRI Multiplier	=	Delivered Lumens for Desired Fixture
Example: VN-TLO020-21		3500K		80+		
1666.1 lm	x	1.07	x	1.23	=	2192.7 lm

Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

***Please note lumens and wattage are subject to change and will be determined post production of the first articles.

*Any custom modifications are subject to minimum order quantity. (M.O.Q.)

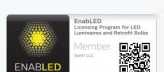
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PHOTOMETRIC DATA (NON-DIMMING)

CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	10W	15°	906	95	5389
			24°	917	96	3537
			36°	879	92	2181
			60°	911	95	944
		15W	15°	1298	89	7662
			24°	1312	90	5115
			36°	1254	86	3077
			60°	1300	89	1321

PREMIUM-10W

VN-TLO010-21-930N015W				VN-TLO010-21-930N024W				VN-TLO010-21-930N036W				VN-TLO010-21-930N060W			
	D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)
	30.43	1	5402		44.07	1	3541		59.09	1	2188		112.04	1	942.3
	60.86	2	1350		88.15	2	885.1		118.19	2	547.0		224.09	2	235.6
	91.29	3	600.2		132.22	3	393.4		177.28	3	243.1		336.13	3	104.7
	121.72	4	337.6		176.30	4	221.3		236.37	4	136.7		448.18	4	58.89
	152.15	5	216.1		220.37	5	141.6		295.47	5	87.51		560.22	5	37.69

PREMIUM-15W

VN-TLO015-21-930N015W				VN-TLO015-21-930N024W				VN-TLO015-21-930N036W				VN-TLO015-21-930N060W			
	D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)		D(cm)	h(m)	E(lx)
	30.52	1	7673		43.42	1	5142		60.51	1	3078		113.75	1	1320
	61.04	2	1918		86.83	2	1286		121.02	2	769.5		227.49	2	329.9
	91.56	3	852.5		130.25	3	571.4		181.53	3	342.0		341.24	3	146.6
	122.07	4	479.6		173.67	4	321.4		242.03	4	192.4		454.99	4	82.47
	152.59	5	306.9		217.08	5	205.7		302.54	5	123.1		568.73	5	52.78

Above test data is based on 3000K 90CRI LED

Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

***Please note lumens and wattage are subject to change and will be determined post production of the first articles.

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PROJECT:

TYPE:

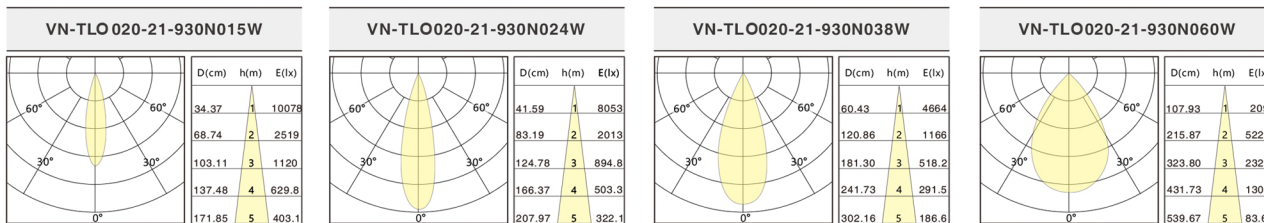
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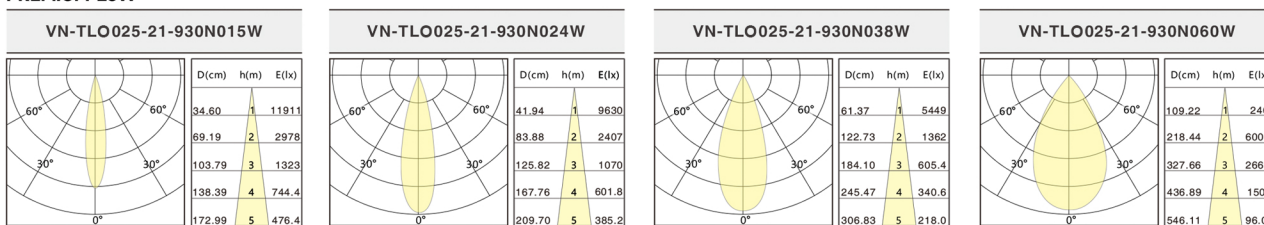
PHOTOMETRIC DATA (NON-DIMMING)

CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90+	20W	15°	1666.1	84.29	10074
			24°	1797.5	90.65	8060
			38°	1836.7	93.15	4666
			60°	1858.7	93.78	2096
		25W	15°	1997.0	80.80	11887
			24°	2176.2	87.86	9628
			38°	2199.0	89.11	5451
			60°	2185.9	88.63	2427
		30W	15°	2335.9	80.32	14352
			24°	2549.6	86.58	11425
			38°	2606.1	88.80	6584
			60°	2545.1	87.90	2865

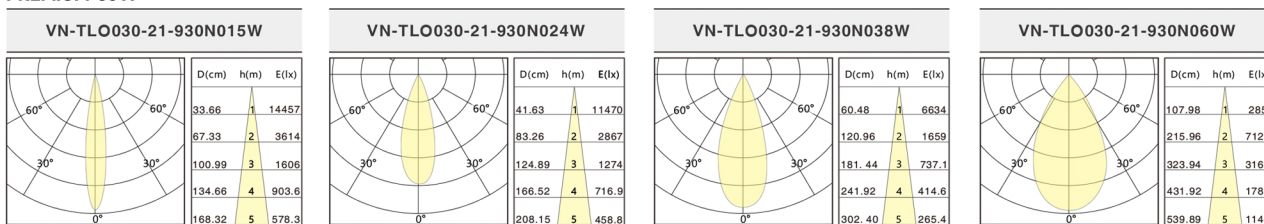
PREMIUM-20W



PREMIUM-25W



PREMIUM-30W



Above test data is based on 3000K 90CRI LED

Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

***Please note lumens and wattage are subject to change and will be determined post production of the first articles.

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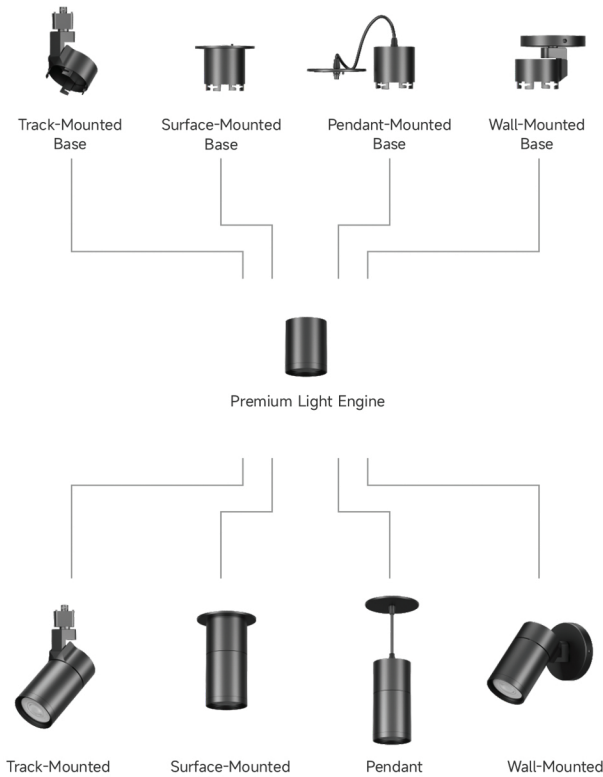
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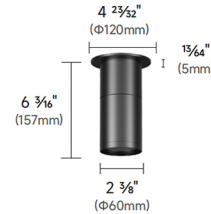
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EXCELLENT MODULAR COMBINATION CONCEPT

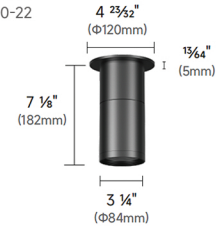


Surface-Mounted

VN-TLO010-22
VN-TLO015-22

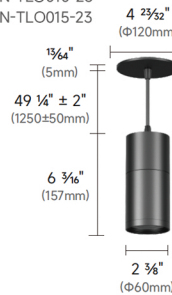


VN-TLO020-22
VN-TLO025-22
VN-TLO030-22

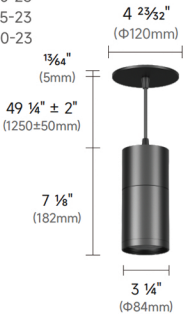


Pendant

VN-TLO010-23
VN-TLO015-23

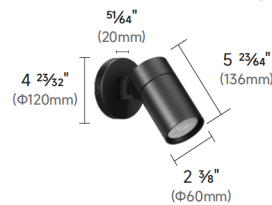


VN-TLO020-23
VN-TLO025-23
VN-TLO030-23

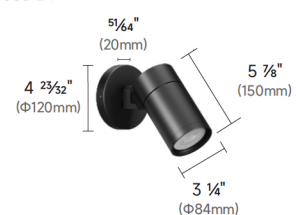


Wall-Mounted

VN-TLO010-24
VN-TLO015-24

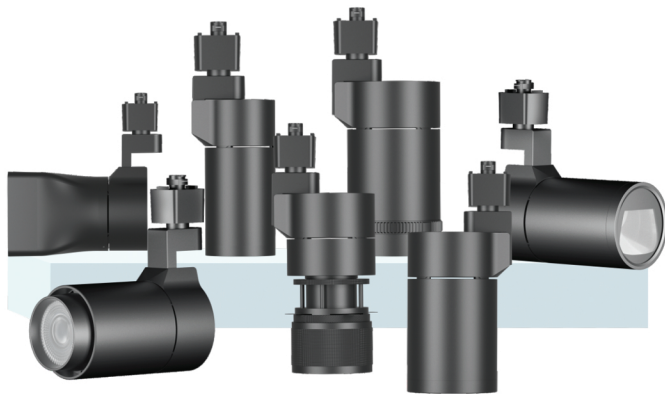


VN-TLO020-24
VN-TLO025-24
VN-TLO030-24



VEGA FAMILY

UNLIMITED POSSIBILITIES with VEGA family. Seven versions in excellent modular combination concept with similar appearances but different light solutions entitle VEGA family will fit smoothly into any retails, museums and galleries environment.



In versions with different light solutions, VEGA 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, VEGA 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, VEGA family will be a great choice to get a unified impression.

Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

***Please note lumens and wattage are subject to change and will be determined post production of the first articles.

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