

PROJECT:

TYPE:

CATALOG #:

DATE:

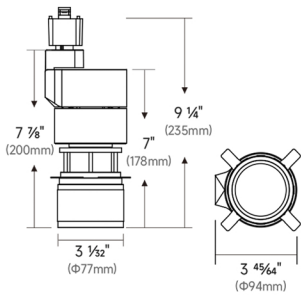
## DESCRIPTION

VEGA(VN-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.

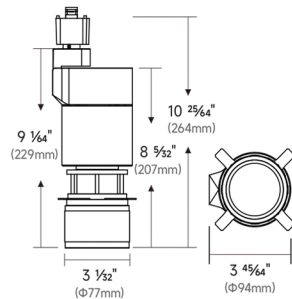
## FEATURES


- 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 VEGA family to get a unified impression in one environment.

VN-TLO010-41  
VN-TLO015-41



VN-TLO025-41



	VN-TLO010-41	VN-TLO015-41	VN-TLO025-41
WATTAGE	10W	15W	25W
LUMEN OUTPUT	506lm	709lm	1025lm
BEAM OPTICS	Adjustable  20°-40°		
COLOR TEMPERATURE	<input type="checkbox"/> 2700K, <input type="checkbox"/> 3000K, <input type="checkbox"/> 3500K, <input type="checkbox"/> 4000K		
CRI	<input type="checkbox"/> 80+, <input type="checkbox"/> 90+, <input type="checkbox"/> 95+(optional)		
INPUT WATTAGE	10W	15W	25W
INPUT VOLTAGE	120VAC Dimming, 50Hz/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		
FINISH	White, Black, Silver		
WEIGHT	2.42lbs(1.10kg)		2.6lbs(1.2kg)
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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## ORDERING INFORMATION

VN	TL	O		4							120
VONN	Product Type	Series Code	Wattage	Lighting Solution	Installation	CRI	CCT	Dimming Methods	Beam Angle	Housing Color	Voltage
VN	TL	O	010	4	1	8	27	N	020	W	120
VONN	Track light	VEGA	10W	Projector	On Track	80CRI	2700K	None	20°	White	100-120V
			015		4	9	30	T	040	B	
			15W		Wall-Mounted	90CRI	3000K	Triac	40°	Black	
			025				35	Y		S	
			25W				3500K	0/1-10V Dimmable & With Built-in dimmer		Silver	
							40				
							4000K				

## LUMEN MULTIPLIERS

CCT	MULTIPLIER
2700K	0.96
3000K	1.00
3500K	1.03
4000K	1.04

CRI	MULTIPLIER
80+	1.20
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-TLO010-41		3500K		80+		
506 lm	x	1.03	x	1.20	=	625.4 lm

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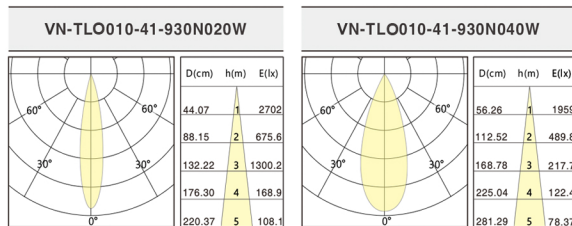
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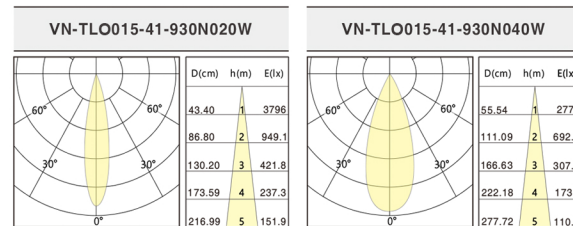
## PHOTOMETRIC DATA

CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	10W	20°	499	59	2696
			40°	506	59	1959
		15W	20°	694	52	3790
			40°	709	53	2771
		25W	20°	1025	42	5590
			40°	997	41	3931

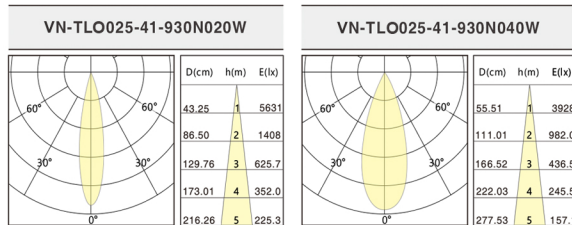
### PROJECTOR-10W



### PROJECTOR-15W

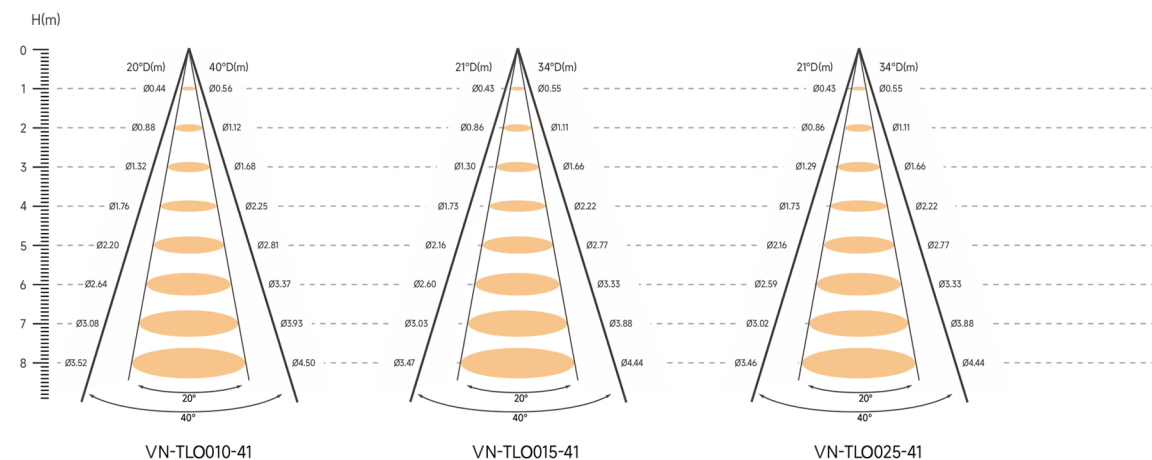


### PROJECTOR-25W



Above test data is based on 3000K 90CRI LED

## LUMEN MULTIPLIERS



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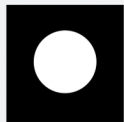
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## PRODUCT CHARACTERISTICS



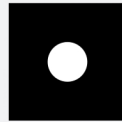
### SOLUTION 1: Clear or Soft Outline

Pulling ① to change the sharpness of the light outline



### SOLUTION 2: Light Beam

Pulling ② to change the light size Zoomable 20° -40°



### SOLUTION 3: Framing Patterns

Adjust the 4 framing blades (③) to control the light shape



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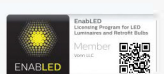
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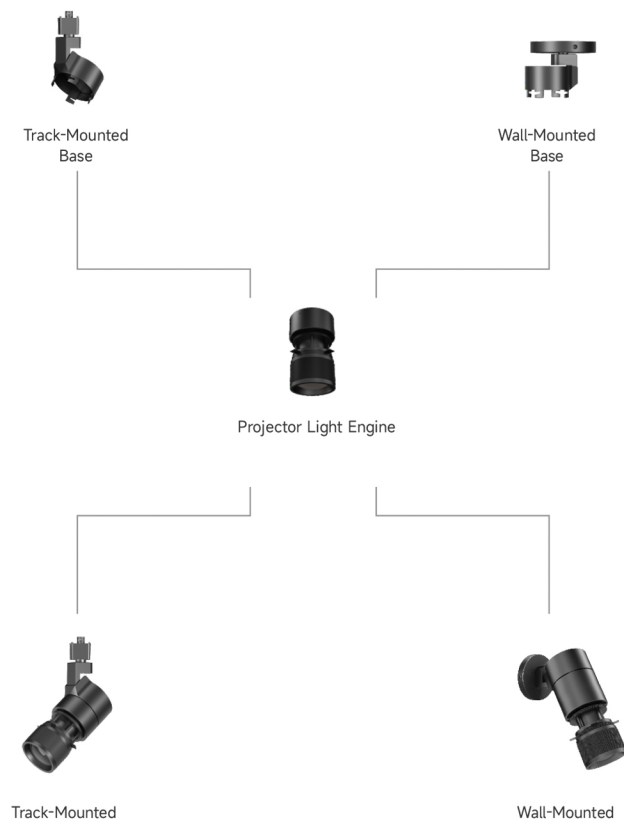
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## EXCELLENT MODULAR COMBINATION CONCEPT



### Wall-Mounted

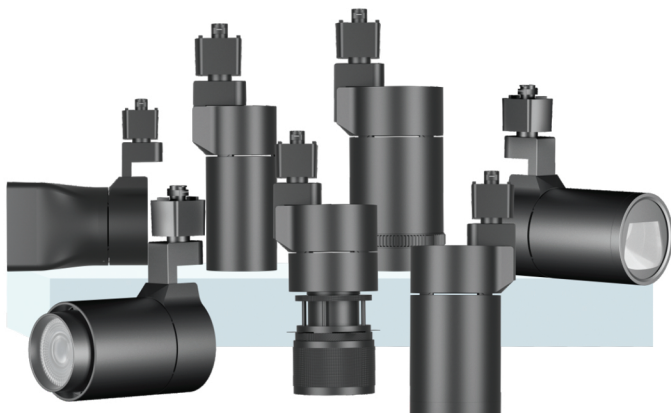
VN-TLO010-44  
VN-TLO015-44

VN-TLO025-44



## 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.

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