

# NHL-VTE3-8-90W-CT-UNV

## LED VAPORTIGHT FIXTURE

### DESCRIPTION

8' LED Vaportight Fixture | 120 – 277V Input | Frosted Lens | 0–10V Dimming

### APPLICATION

Used for commercial and industrial rugged or outdoor applications



### PRODUCT FEATURES

- Features Color Select technology. Adjust CCT between 3500K, 4000K, or 5000K
- Features Power Select technology. Adjust power between 90W, 75W, and 54W
- Powered by 0 –10V dimming LED drivers
- Traditional design, narrow body, Vapor Tight fixture, suitable for rugged, demanding applications
- NEMA 4X rated, protected against corrosion
- Compatible with emergency LED drivers
- Compatible with occupancy sensors
- Ambient operating temperature: –20°C/–4°F to 50°C/122°F
- IP66, suitable for wet location
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone)
- THD: < 20%
- Power factor > 0.95

### POWER AND COLOR TEMPERATURE SELECTABILITY

- Color Select Technology: Adjustable CCT (3500K/4000K/5000K)
- Power Select Technology: Adjustable Wattage (90W/75W/54W)

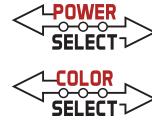
### PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	Color Temperature	Lumens	Efficacy	Rated Life	CRI	Power Factor
NHL-VTE3-8-90W-CT-UNV	120-277V	90W	3500K	11,790	131 lm/W	50,000 hrs	>80	>0.9
			4000K	11,880	132 lm/W			
			5000K	11,970	133 lm/W			
		75W	3500K	10,125	135 lm/W			
			4000K	10,200	136 lm/W			
			5000K	10,275	137 lm/W			
		54W	3500K	7,560	140 lm/W			
			4000K	7,614	141 lm/W			
			5000K	7,668	142 lm/W			

#### ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

\* Preset to highest lumen output (90W / 5000K)

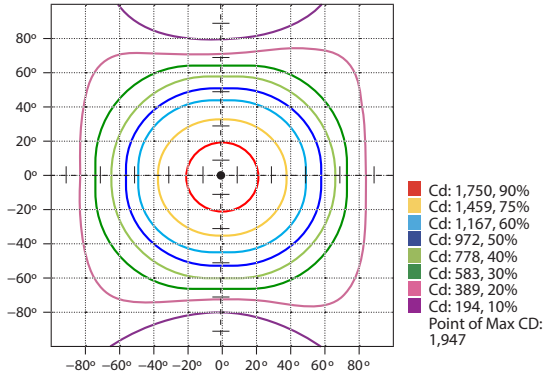
\* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.



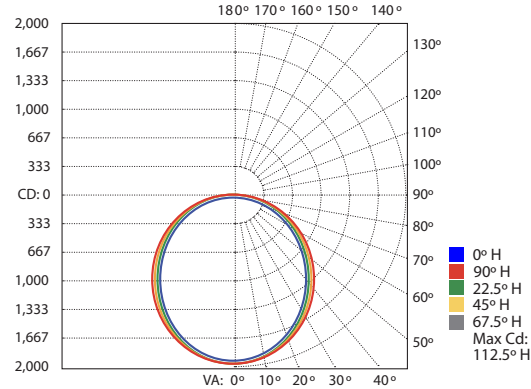
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## PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



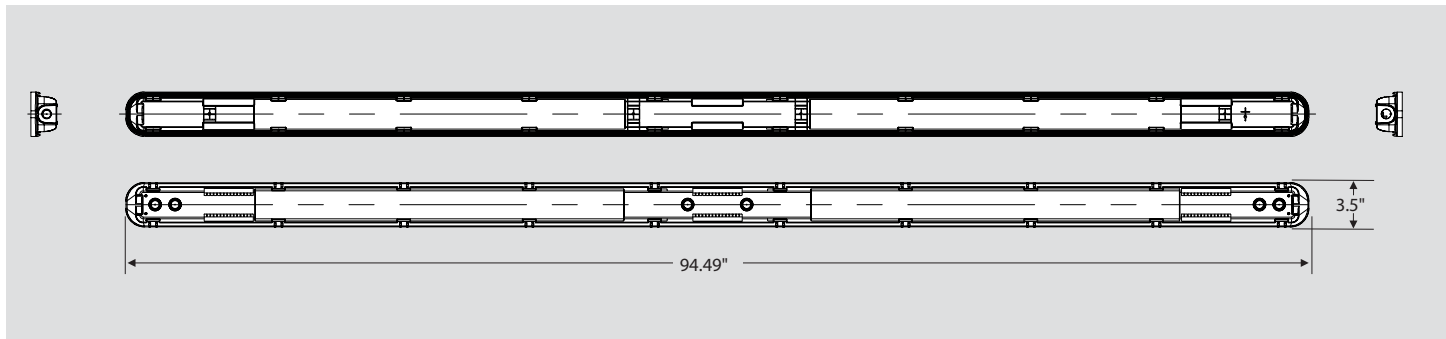
POLAR CANDELA DISTRIBUTION



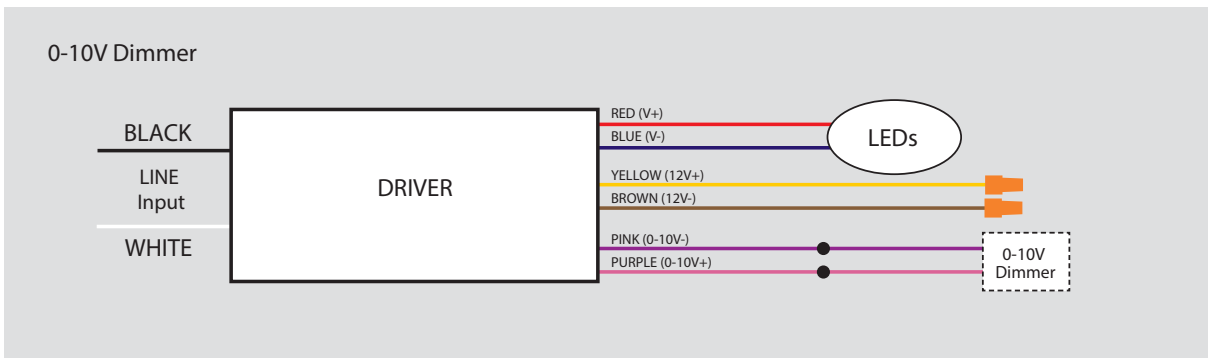
ZONAL LUMEN SUMMARY

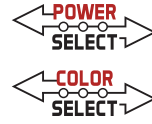
Zone	Lumens	% Luminaire
0-30	1,471.7	24.9%
0-40	2,389.2	40.4%
0-60	4,185.5	70.8%
60-90	1,430.6	24.2%
70-100	889.3	15.0%
90-120	258.3	4.4%
0-90	5,616.0	95.0%
90-180	293.3	5.0%
0-180	5,909.3	100%

## PHYSICAL SPECIFICATIONS



## WIRING DIAGRAMS





# NHL-VTE3-8-90W-CT-UNV

## LED VAPORTIGHT FIXTURE

### ACCESSORIES

#### SENSORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION
	/MW3	NHL-MW3	Microwave Sensor Kit, Includes 120-277V input to 12V DC convertor, IP65 12V input sensor head, nomex sleeve, extension neck



\* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).

#### EMERGENCY BACKUP

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION
	EM500	NHL-EM500	LED Emergency Back Up, 5W Constant Wattage Design, Approx 500 lumen
	EM1200	NHL-EM1200	LED Emergency Back Up, 12W Constant Wattage Design, Approx 1200 lumen
	EM24	NHL-EM24	LED Emergency Back Up, 17 watt Constant Power Design, Approx 2400 Lumens

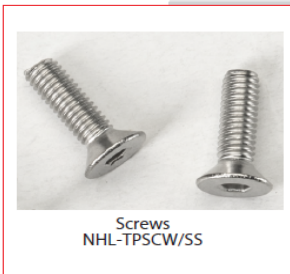


\* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).  
 † FACTORY INSTALLATION OF EMERGENCY BACKUP UNITS WILL AUTOMATICALLY INCLUDE ANY RELEVANT MOUNTING BRACKET.

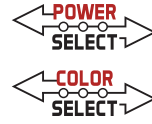
#### MOUNTS AND BRACKETS

Field-Installable / Field-Use ONLY (purchased separately)

CATALOG NUMBER	DESCRIPTION
NHL-MB45	45° steel surface mount kit for all Keystone vapor tight fixtures
NHL-TPSCW/SS	Screws for tamper-proofing vapor tight fixtures. Includes 14 screws



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## ORDERING INFORMATION

Order Code	Pack Quantity		
NHL-VTE3-8-90W-CT-UNV	1		

## CATALOG NUMBER BREAKDOWN

# NHL-VTE3-8-90W-CT-UNV

- 1
- 2
- 3
- 4
- 5
- 6

- 1 New Horizon Lighting
- 2 LED Vaportight Fixture
- 3 8' Nominal Length
- 4 Wattage
- 5 Power Select
- 6 Voltage

### Color Select Designation

	3500K, 4000K, 5000K
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### 11 Additional Options

	No Option
MW3	Microwave Occupancy Sensor Installed

NOTE: ALL ACCESSORIES CAN ALSO BE ORDERED SEPARATELY FOR FIELD INSTALLATION USING JUST THEIR REGULAR CATALOG NUMBER.