



EXPLOSION PROOF INDUSTRIAL LIGHTING

NLV Lighting partners with CESP for industrial explosion proof lighting for Oil & Gas, Pharmaceutical Facilities, Bio-Chemical, and Hazardous Locations. These explosion proof luminaire are designed for Class 1, Division 2, Groups A, B, C and D for Temperature zones from T3 to T6. All Luminaires are designed with Tempered Glass Cover (8mm thick) that are shock and vibration resistant with >90% Light Transmittance. These fixtures are a new generation of eco-friendly lights offering high efficacy and exceptional illumination. They can be mounted on a surface or suspended with ease. The high-quality diffuser provides added protection and glare control. These fixtures are energy-efficient replacements for legacy explosion proof fixtures.

FEATURES

- Power Range: 40W to 400W
- Efficacy Range: 110 to 130 LM/W
- CCT Range: 3000K/4000K/5000K/5700K
- Operating Temperature: Class I, Class II and Class III
- Tier-1 LED suppliers; LM80 rated at CRI >75
- 120V to 277V and 120V to 347V
- PF >0.90, THD ≤ 15%
- Standard 5 Year warranty



MODEL: NLV-CES-EX- LN-02-	Ambient temperature range			
	Class I			Class II and Class III
	-40°C ~ 40°C	-40°C ~ 45°C	-40°C ~ 50°C	-40°C ~ 50°C
150	T3C	T3C	T3C	120°C
120	T4A	T4A	T4A	120°C
100	T4A	T4A	T4A	120°C
80	T5	T5	T4A	120°C
60	T4A	T4A	T4A	116°C
50	T5	T4A	T4A	116°C
40	T5	T5	T4A	116°C

PRODUCT PARAMETERS

Input voltage: AC100-277V; Frequency: 50/60Hz;					
Model: NLV-CES-LN-02-		Power (W)	CCT : 3000K~6500K Power factor:0.97		
		Luminous flux (LM)	Light efficiency (Lm/W)	Driver Model	Weights (kg)
40	40	4800	120	HLG-60H-36A	7.5
50	50	6000	120		
60	60	7200	120		
80	80	9600	120	HLG-150H-36A	10.6
100	100	12000	120		
120	120	14400	120		
150	150	18000	120		

PRODUCT APPLICATIONS



Pharmaceutical industry

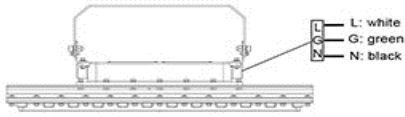
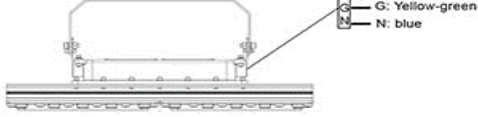
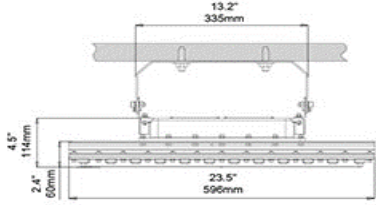
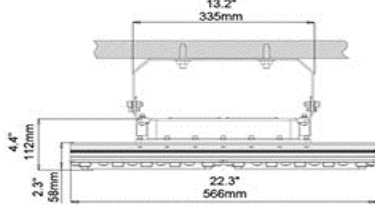
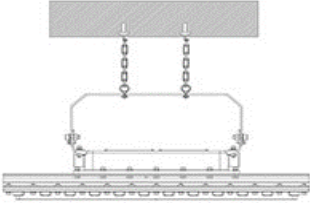
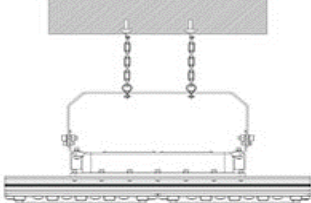
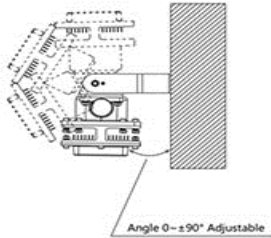


Petrochemical



Offshore drilling

PRODUCT MOUNTING

<p>Wire colour</p>	<p>UL:</p>  <p>L: white G: green N: black</p>	<p>ATEX: IECEX:</p>  <p>L: brown G: Yellow-green N: blue</p>
<p>Ceiling mount</p>		
<p>Drop mount</p>		
<p>WM - Wall Mount</p>	 <p>Angle 0°-±90° Adjustable</p>	
<p>Pole Mounting</p>	