



Uses Only 53 Watts of Power – Replaces 150W HID Lamps – Up to 65% Energy Savings

Operates on 100-277VAC — High-Lumen — Wide-Angle Beam Spread — 5300K Pure White

FEATURES

- **Lamp Warranty:** 5 Years
- **Very Low Power Consumption:** 53 Watts
- **Life Expectancy:** 11.4 Years (Based on 12 Hrs/Day)
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation (Rated average life based on engineering testing and probability analysis)
- **Wide Input Voltage Range:** 100-277VAC
- **Suitable for Damp Locations:** Conforms to UL STD. 1598 / Certified to CSA STD. C22.2 No. 250.0-08
- **Highest-Grade LEDs:** Uses Premium Lighting-Class LEDs
- **High CRI** Enhances All Colors
- **Input Power Surge Protection:** Onboard 40kA Varistor
- **Instant-On Light:** No Delay in Re-Strike
- **Clear Lens** with Top Reflector
- **Wide Oper. Temp. Range:** ~-22°F to ~+122°F
- **Safety Assurance:** ETL Listed
- **DesignLights™ Consortium Approved;** Appears on DLC Qualified Products List — May Benefit from Various Government Incentives
- **Eco-Friendly:** RoHS Compliant
- **Made in the USA** from Imported Parts – Meets Buy American Requirements within the ARRA Program



APPLICATIONS

- Interior Garage Lights
- Parking Enclosures
- Lower-Level Bay Lights
- Security Lighting



Ideal for Use with Alternate Renewable Energy Resources – Solar & Wind Power



Intertek



ARRA Compliant

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	VNGL30-4X20W-XPW-001
Emitted Color	Pure White
Color Temperature	5000K~5600K
Color Rendering Index	72
Viewing Angle	166° [Full Beam Width @ 50% Intensity]
Input Voltage	100-277VAC [Tested @ 120VAC]
Input Current	0.185-0.496 A
Power Factor	0.99
Input Power	53 Watts
Efficacy	70 lm/Watt
Total Lumens	3704 lm
Max. Candela	830 cd
Ambient Operating Temp.	~-22°F to ~+122°F ~-30°C to ~+50°C
Dimensions	Base Ø11.0" [Ø279.4mm] Lens Ø16.0" [Ø406.4mm] Depth 12.69" [322.3mm]
Weight	15.0 lbs / 240 oz / 6.8 Kg



BENEFITS

- **Major Energy Savings:** Over 65% Compared to Incandescents
- **Low Maintenance:** Reduces Re-lamp Frequency and No Ballast Replacement Costs
- **Solid-State:** High-Shock & High-Vibration-Resistant
- **Eco-Friendly:** No Mercury Content, No Lead
- **No Hazardous Emissions:** No UV or IR Radiation – Does Not Attract Insects
- **Reduces Light Pollution:** No Wasted Light, "Dark Skies Initiative"-Friendly
- **Even Lighting:** High Intensity / No Halation
- **Enhances Vision:** Better Optical Acuity – Frosted Lens Reduces Glare as Compared to High Glare from HID Lamps
- **Cool Operation:** Generates Minimal Heat Compared to High Intensity Discharge Lamps

White LED technology is patent protected in the United States. LEDtronicS white LED products are covered under these patents.



Photometric Report

Luminaire Photometric Report

Filename: 131472A(U)

Manufacturer: LEDTRONICS - PARKING GARAGE FIXTURE
Luminaire: WITH SEMI-SPECULAR REFLECTOR AND CLEAR PLASTIC ROUND LENS

Luminaire Cat: VNSL30-4X20W-XPW-001

Lamp: 4 LED ARRAYS, LUMINAIRE OUTPUT = 3704 LMS

Lamp Output: 1 Lamp(s), rated Lumens/lamp: 3707,308

Max Candela: 830.3 at Horizontal: 45°, Vertical: 75°

Input Wattage: 52.9

Luminous Opening: Circular (Dia: 1.33ft)

Test: 31472A

Test Lab: LIGHTING SCIENCES, INC.

Photometry : Type C

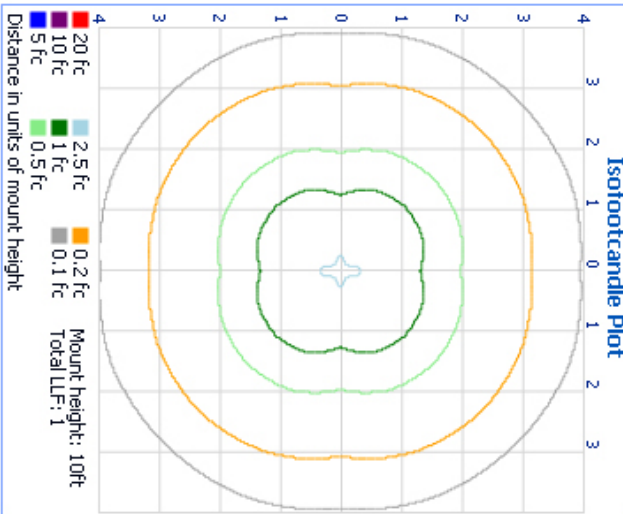
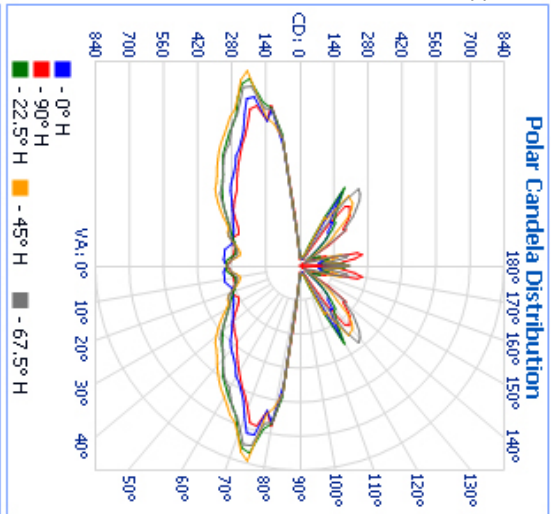
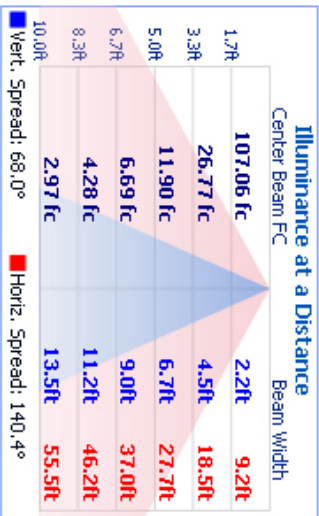
CIE Class: Semi-Direct

Cutoff Class: Noncutoff

Beam Type: 7 X 7

Zonal Lumen Summary

Zone	Lumens % Luminaire
0-30	249.0 6.7%
0-40	479.6 12.9%
0-60	1,300.3 35.1%
60-90	1,689.8 45.6%
70-100	1,097.9 29.6%
90-120	160.3 4.3%
0-90	2,990.1 80.7%
90-180	717.2 19.3%
0-180	3,707.3 100%

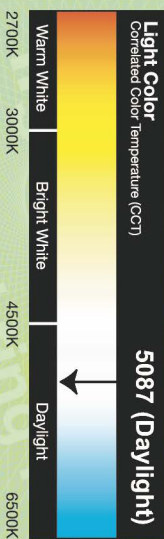


LED
ighting facts
A Program of the U.S. DOE

LEDtronics

Light Output (Lumens) **3704**
Watts **52.9**
Lumens per Watt (Efficacy) **70**

Color Accuracy **72**
Color Rendering Index (CRI)



LED Lumen Maintenance Projection at 25,000 Hours at 25°C Ambient* **88.44%**
Warranty** **Yes**

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008:
Approved Method for the Electrical and Photometric Testing of Solid State Lighting
The U.S. Department of Energy (DOE) verifies product test data and results.

* Based on TM-21 projections for the light source.
** See www.lightingfacts.com/products for details.

Registration Number: ESNW-AP7BYW (3/19/2013)
Model Number: VNSL30-4X20W-XPW-001
Type: Parking garage fixture