Stonco

by signify

Special Purpose

RoughLyte LED

VCXL-VWXL

Stonco Roughlyte LED vapor tight luminaire will end your search for durable lighting that will really last. Roughlyte is available in 14W and provides up to 1390 lumens. Applications include wall and ceiling mounted exterior surfaces, and Roughlyte LED fixtures guard against moisture and debris (for globe down mounting only).

Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

Ordering guide

Example: VCXL-14-NW-G1-8

Luminaire	Wattage	Generation	Voltage
	14	NW-G1	8
VCXL Ceiling 4" box mounted **VWXL** Wall 4" box mounted	**14** 14W	**NW-G1** Neutral White, 4000K, 70CRI, Generation 1	**8** 120-277VAC

Specifications

Housing

Die-cast aluminum back plate and heat sink sealed with a thermal shock-resistant frosted glass globe and a die cast guard secured with stainless steel hardware.

Electrical

Constant current driver with efficiency >85% at full load. Available in 120-277V. IP65 compliant driver. RoHS compliant.

LED Board and Array

1 CoB (chip on board) LED. Color temperature 4000K. Minimum CRI of 70.

Mounting

Built in junction box with 5" mounting flanges and 1/2" NPT for threaded conduit on the sides.

Energy Saving Benefits

System efficacy up to 102lms/W with significant energy savings over incandescent luminaires.

Listings

UL/cUL listed to the UL 1598 standard, suitable for Wet Locations. Suitable for use in ambient from -30° to 40°C (-22° to 104°F).

Product is DesignLights Consortium® qualified for the wall mount version.

Finish

Shot blasted aluminum finish (As casted appearance)

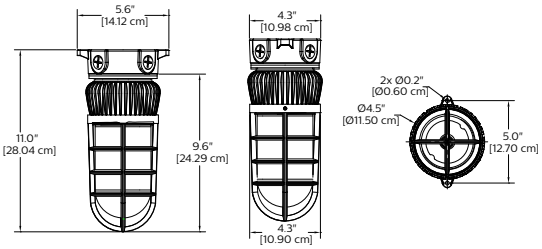
Limited Warranty

Luminaires are covered by a 5-year limited warranty. See signify.com/warranties for details.

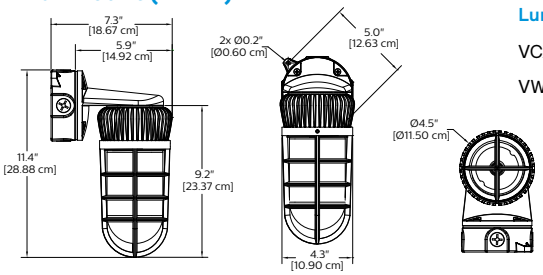
VCXL/VWXL Roughlyte LED

Vapor tight luminaire

Ceiling Mount (VCXL)



Wall Mount (VWXL)



Approximate Luminaire Weight

VCXL = 3.8 lbs (1.7 Kg)

VWXL = 4.0 lbs (1.8 Kg)

LED Wattage and Lumen Values

Ordering Codes	Total LEDs	Drive Current (mA)	Color Temp.(K)	Average System Wattage[1]	Type VS		
					Lumen Output[1,2]	Bug Rating	Efficacy (LPW)
VC/VWXL14-NW-G1-8	1	350	4000	14	1390	B1-U3-G1	102

1. Wattage and lumen output may vary by due to LED manufacturer forward volt specification and ambient temperature. Wattage shown is average for 120V through 277V input. Measured wattage may vary due to variation in input voltage.
2. Lumen values based on photometric tests performed in compliance with IESNA LM-79.

Predicted Lumen Depreciation Data

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output.

Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours.

Ordering Codes	Ambient Temperature °C	System Current	L_{70} per TM21[1,2]	Lumen Maintenance @ 60,000hrs
VC/VWXL14-NW-G1	25C	350mA	>54,000	86%

1. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output.
2. Calculated per IESNA TM 21-11. Published L70 hours limited to 6 times actual LED test hours.

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