

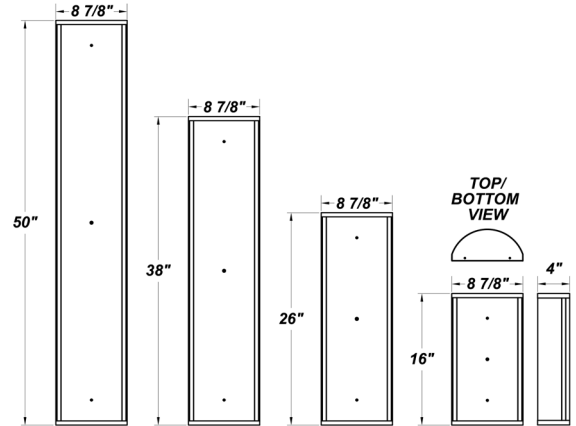
GUARDIAN W LED



PROJECT :
TYPE :
ORDERING # :
COMMENTS :

FEATURES

- Extruded Aluminum Housing w/ Matte Silver Polyester Powder Coat Finish
- Die Cast Aluminum End Caps w/ Matte Silver Polyester Powder Coat Finish
- High Impact White Acrylic Diffuser (50% DR Acrylic) w/ Inner Frosted Diffuser
- Aluminum LED Mounting Plate
- Recessed Stainless Steel Screws
- Fixture Mounts Directly to Surface w/ Two Wall Anchors (Not Included)
- Over-Voltage, Over-Current, and Short-Circuit Protection w/ Auto Recovery (For 33.6W Only)
- 120V - 277V, Plus 347V For Selected Wattages
- Surge Protector (For L33.6 , L12.0 & L18.0 Only)
- CSA Listed Wet Location For Wall Mount Only
- ADA Compliant



ORDERING INFORMATION

Example : (GRDW - L33.6 - 120-277V - 12CV - WAL - TB - 51K)

Matte Silver is Standard Finish

PRODUCT	SOURCE/WATTAGE	VOLTAGE	DRIVER OPTIONS	DIFFUSER	FINISH	OPTIONS
Guardian W 16" (GRDW)	L33.6 - 33.6W LED Strip(s) L18.0 - 18W LED Strip(s) L12.0 - 12W LED Strip(s)	120 - 277V (L18.0 is Dimmable From 120 - 230V) (120 - 277V Dimmable For 0-10V)	12CV - 12V Constant Voltage Non-Dimming Electronic Driver (For L33.6) TE350 - 350mA ELV Low Voltage 2-Wire Electronic Driver (For L12.0) ZE350 - 350mA Line Voltage 4-Wire Dimming Driver (For L12.0) (Dimmable 0 - 10V) TE500 - 500mA ELV Low Voltage 2-Wire Electronic Driver (For L18.0) LE500 - 500mA Line Voltage 2-Wire Dimming Driver (For L18.0) (120V Only)	WAL - White Acrylic Lens	SM - Matte Silver TB - Textured Black AC - Antique Copper AS - Antique Silver BT - Bronze Mist CP - Copper KC - Kenworth Chrome SN - Sand SW - Swedish Steel BZ - Textured Bronze TW - Textured White RAL Colors or Custom Match - Consult Factory	30K - 3000K Color Temp. 35K - 3500K Color Temp. (All Except L33.6) 40K - 4000K Color Temp. 51K - 5100K Color Temp. (L33.6 Only) OEL - Single End Window TEL - Twin End Windows (Both Ends) EB10 - Iota ILB-CP10-B 10W LED Driver (Available For 2' Model Only) EB12 - Iota ILB-CP12-B 12W LED Driver (Available For 2' Model Only) For 2' Fixture EB Option, Please Consult Factory for Mount Hole and Wireway Locations
Guardian W 2' (GRDW24)	L36.5 - 36.5W LED Strip(s) * L46.5 - 46.5W LED Strip(s) L49.5 - 49.5W LED Strip(s) L70 life time for 50,000hr * Available in 347V	347V Available For L36.5 Only (Of Wattages Listed On This Page) (L36.5 is Dimmable For 0-10V)	ZE1050 - 1050mA Line Voltage 4-Wire Dimming Driver (For L36.5) (Dimmable 0 - 10V) ZE1100 - 1100mA Line Voltage 4-Wire Dimming Driver (For L46.5) (Dimmable 0 - 10V) ZE1150 - 1150mA Line Voltage 4-Wire Dimming Driver (For L49.5) (Dimmable 0 - 10V)			

REPLACEMENT PARTS PART NO.

16" Acrylic LED Lens Assembly	38200
2' Acrylic LED Lens Assembly	38216

NOTES

We reserve the right to revise the design or components of any product due to parts availability or change in UL standards, without assuming any obligation or liability to modify any products previously manufactured, and without notice.

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USCompliant

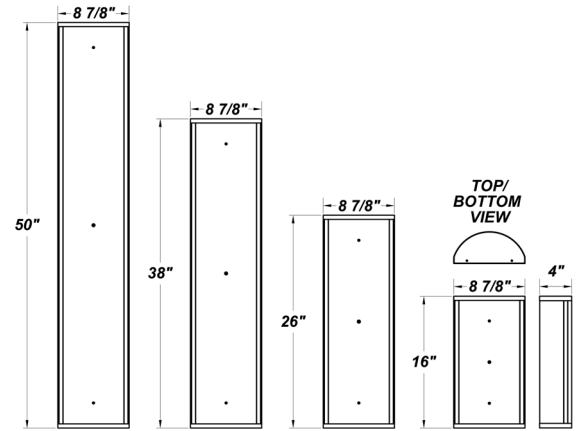
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FEATURES

- Extruded Aluminum Housing w/ Matte Silver Polyester Powder Coat Finish
- Aluminum Fascia w/ Matte Silver Polyester Powder Coat Finish
- Die Cast Aluminum End Caps w/ Matte Silver Polyester Powder Coat Finish
- High Impact White Acrylic Diffuser (50% DR Acrylic)
- Steel Reflector w/ Hi-Reflectance White Powder Coat Finish
- Recessed Steel Screws
- Fixture Mounts Directly to Surface w/ Two Wall Anchors (Not Included)
- Over-Voltage, Over-Current, and Short-Circuit Protection w/ Auto Recovery
- 120V - 277V, Plus 347V For Selected Wattages
- Surge Protector
- CSA Listed Wet Location For Wall Mount Only
- ADA Compliant



ORDERING INFORMATION

Example : (GRDW36 - L72.0 - 120 - 277V - ZE714 - WAL - SW - 40K)

Matte Silver is Standard Finish

PRODUCT	SOURCE/WATTAGE	VOLTAGE	DRIVER OPTIONS	DIFFUSER	FINISH	OPTIONS
Guardian W 3' (GRDW36)	L72.0 - 72.0W LED Strip(s)	120 - 277V (120 - 347V Dimmable For 0-10V)	ZE714 - 700mA & 1400mA Line Voltage 4-Wire Dimming Driver (For L72.0) (Dimmable 0 - 10V)	WAL - White Acrylic Lens	SM - Matte Silver TB - Textured Black AC - Antique Copper AS - Antique Silver BT - Bronze Mist CP - Copper KC - Kenworth Chrome SN - Sand SW - Swedish Steel BZ - Textured Bronze TW - Textured White	30K - 3000K Color Temp. 35K - 3500K Color Temp. 40K - 4000K Color Temp. OEL - Single End Window TEL - Twin End Windows (Both Ends) EB - Iota ILB-CP12 12W LED Driver (Available For 3' & 4' Models)
Guardian W 4' (GRDW48)	L70.0 - 70.0W LED Strip(s) * L75.0 - 75.0W LED Strip(s) L70 life time for 50,000hr * Available in 347V	347V Available For L70.0 Only (Of Wattages Listed On This Page)	ZE1050 - 1050mA Line Voltage 4-Wire Dimming Driver (For L70.0) (Dimmable 0 - 10V) ZE1100 - 1100mA Line Voltage 4-Wire Dimming Driver (For L75.0) (Dimmable 0 - 10V)		RAL Colors or Custom Match - Consult Factory	

REPLACEMENT PARTS PART NO.

3' Acrylic LED Lens Assembly	38217
4' Acrylic LED Lens Assembly	38218

NOTES

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COMMENTS :

PRODUCT	SOURCE/WATTAGE	30K SPECIFICATIONS	40K SPECIFICATIONS	51K SPECIFICATIONS
Guardian W 16"	L33.6 - 33.6W LED Strip(s)	Eight 4.2W LED Strips 30K - 3000K Color Temp. 3 Nichia NS3x183 Series LEDs Per Strip - SW30Bin, Color Temp = 3000K Nominal - Constant Voltage at 12 Volts by Driver - 80 CRI typ. (75 CRI min) 688 Lumens - 39W Input = Estimated 17.6 Fixture Lumens Per Watt	Eight 4.2W LED Strips 40K - 4000K Color Temp. 3 Nichia NS3x183 Series LEDs Per Strip - SW30Bin, Color Temp = 4000K Nominal - Constant Voltage at 12 Volts by Driver - 80 CRI typ. (75 CRI min) 754 Lumens - 39W Input = Estimated 19.3 Fixture Lumens Per Watt	Eight 4.2W LED Strips 51K - 5100K Color Temp. 3 Nichia NS3x183 Series LEDs Per Strip - SW51Bin, Color Temp = 5100K Nominal - Constant Voltage at 12 Volts by Driver - 80 CRI typ. (75 CRI min) 900 Lumens - 39W Input = Estimated 23.1 Fixture Lumens Per Watt

PRODUCT	SOURCE/WATTAGE	30K SPECIFICATIONS	35K SPECIFICATIONS	40K SPECIFICATIONS
Guardian W 16"	L18.0 - 18.0W LED Strip(s)	L18.0 30K - 3000K Color Temp. - 34 fV, Color Temp = 3000K Nominal - Constant Current 500 Milliamps Driver - 19.0W Input = 948 LED Lumens - Estimated 49.9 Lumens Per Watt	L18.0 35K - 3500K Color Temp. - 34 fV, Color Temp = 3500K Nominal - Constant Current 500 Milliamps Driver - 19.0W Input = 968 LED Lumens - Estimated 50.9 Lumens Per Watt	L18.0 40K - 4000K Color Temp. - 34 fV, Color Temp = 4000K Nominal - Constant Current 500 Milliamps Driver - 19.0W Input = 998 LED Lumens - Estimated 50.5 Lumens Per Watt

PRODUCT	SOURCE/WATTAGE	30K SPECIFICATIONS	35K SPECIFICATIONS	40K SPECIFICATIONS
Guardian W 2'	L36.5 - 36.5W LED Strip(s)	L36.5 30K - 3000K Color Temp. - 34 fV, Color Temp = 3000K Nominal - Constant Current 1050 Milliamps Driver - 47.3W Input = 2437 LED Lumens - Estimated 51.5 Lumens Per Watt	L36.5 35K - 3500K Color Temp. - 34 fV, Color Temp = 3500K Nominal - Constant Current 1050 Milliamps Driver - 47.3W Input = 2488 LED Lumens - Estimated 52.6 Lumens Per Watt	L36.5 40K - 4000K Color Temp. - 34 fV, Color Temp = 4000K Nominal - Constant Current 1050 Milliamps Driver - 47.3W Input = 2565 LED Lumens - Estimated 54.2 Lumens Per Watt
		L46.5 30K - 3000K Color Temp. - 34 fV, Color Temp = 3000K Nominal - Constant Current 1100 Milliamps Driver - 51.0W Input = 2550 LED Lumens - Estimated 50.0 Lumens Per Watt	L46.5 35K - 3500K Color Temp. - 34 fV, Color Temp = 3500K Nominal - Constant Current 1100 Milliamps Driver - 51.0W Input = 2600 LED Lumens - Estimated 51.0 Lumens Per Watt	L46.5 40K - 4000K Color Temp. - 34 fV, Color Temp = 4000K Nominal - Constant Current 1100 Milliamps Driver - 51.0W Input = 2700 LED Lumens - Estimated 52.9 Lumens Per Watt
	L46.5 - 46.5W LED Strip(s)	L49.5 30K - 3000K Color Temp. - 34 fV, Color Temp = 3000K Nominal - Constant Current 1150 Milliamps Driver - 53.0W Input = 2670 LED Lumens - Estimated 50.4 Lumens Per Watt	L49.5 35K - 3500K Color Temp. - 34 fV, Color Temp = 3500K Nominal - Constant Current 1150 Milliamps Driver - 53.0W Input = 2680 LED Lumens - Estimated 50.5 Lumens Per Watt	L49.5 40K - 4000K Color Temp. - 34 fV, Color Temp = 4000K Nominal - Constant Current 1150 Milliamps Driver - 53.0W Input = 2800 LED Lumens - Estimated 52.8 Lumens Per Watt

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PROJECT :
TYPE :
ORDERING # :
COMMENTS :

PRODUCT	SOURCE/WATTAGE	30K SPECIFICATIONS	35K SPECIFICATIONS	40K SPECIFICATIONS
Guardian W 3'	L72.0 - 72.0W LED Strip(s)	L72.0 30K - 3000K Color Temp. - 34 fV, Color Temp = 3000K Nominal - Constant Current 1400 Milliamps Driver & 700 Milliamps Driver - 78.2W Input = 3873 LED Lumens - Estimated 49.6 Lumens Per Watt	L72.0 35K - 3500K Color Temp. - 34 fV, Color Temp = 3500K Nominal - Constant Current 1400 Milliamps Driver & 700 Milliamps Driver - 78.2W Input = 3955 LED Lumens - Estimated 50.6 Lumens Per Watt	L72.0 40K - 4000K Color Temp. - 34 fV, Color Temp = 4000K Nominal - Constant Current 1400 Milliamps Driver & 700 Milliamps Driver - 78.2W Input = 4077 LED Lumens - Estimated 52.1 Lumens Per Watt

PRODUCT	SOURCE/WATTAGE	30K SPECIFICATIONS	35K SPECIFICATIONS	40K SPECIFICATIONS
Guardian W 4'	L70.0 - 70.0W LED Strip(s)	L70.0 30K - 3000K Color Temp. - 34 fV, Color Temp = 3000K Nominal - Constant Current 1050 Milliamps Driver - 80.0W Input = 4975 LED Lumens - Estimated 62.2 Lumens Per Watt	L70.0 35K - 3500K Color Temp. - 34 fV, Color Temp = 3500K Nominal - Constant Current 1050 Milliamps Driver - 80.0W Input = 5080 LED Lumens - Estimated 63.5 Lumens Per Watt	L70.0 40K - 4000K Color Temp. - 34 fV, Color Temp = 4000K Nominal - Constant Current 1050 Milliamps Driver - 80.0W Input = 5230 LED Lumens - Estimated 65.4 Lumens Per Watt
		L75.0 30K - 3000K Color Temp. - 34 fV, Color Temp = 3000K Nominal - Constant Current 1100 Milliamps Driver - 91.85W Input = 5212 LED Lumens - Estimated 56.7 Lumens Per Watt	L75.0 35K - 3500K Color Temp. - 34 fV, Color Temp = 3500K Nominal - Constant Current 1100 Milliamps Driver - 91.85W Input = 5322 LED Lumens - Estimated 57.9 Lumens Per Watt	L75.0 40K - 4000K Color Temp. - 34 fV, Color Temp = 4000K Nominal - Constant Current 1100 Milliamps Driver - 91.85W Input = 5486 LED Lumens - Estimated 59.7 Lumens Per Watt

TERON

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)	899
Watts	38.35
Lumens per Watt (Efficacy)	23

Color Accuracy	66
Color Rendering Index (CRI)	

Light Color
Correlated Color Temperature (CCT) **4745 (Daylight)**

Warm White
Bright White
Daylight

2700K
3000K
4500K
6500K

All results 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.

Visit www.lightingfacts.com for the **Label Reference Guide**.

Registration Number: SQJL-4P75LL (5/14/2013)
 Model Number: GRDW-L33.6-51K
 Type: Luminaire - Area/Roadway

