

CATALOG #: \_\_\_\_\_

Type: \_\_\_\_\_

PROJECT: \_\_\_\_\_

**FEATURES**

- Designed with an angled back and flangeless sides to diminish dust build-up <sup>[13]</sup>
- Maximize energy savings with efficacies as high as 142 lm/W
- Aluminum housing for maximum heat dissipation
- Optional energy-saving occupancy sensors available
- Includes double-gasketed lens to reduce dust entry into the fixture
- Made Right Here® in the USA

**SPECIFICATIONS**

- HOUSING** – .040" die-formed aluminum housing.
- DOOR FRAME** – Extruded aluminum, double-gasketed door frame. T-slot steel hinge allows reversible hinging and latching.
- SHIELDING** – Clear, high-temperature, non-prismatic acrylic, .118" thick.
- FINISH** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL** – High quality mid-power LED boards. See fixture performance data for lumen maintenance. 25°C maximum ambient operating temperature.
- MOUNTING** – Suspended.
- LISTINGS** –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL)
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

**ORDERING EXAMPLE: GLS - 4 - L257/840 - F CHA118 - OPTIONS - DRV - UNV**

**ORDERING INFO**

SERIES	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT	DOOR FRAME	SHIELDING
GLS	4 4'	L150 15,000lm L257 25,700lm	8 80	40 4000K 50 5000K	F White flat aluminum	CHA118 Clear, high-temperature, non-prismatic acrylic, .118" thick AF118 Non-prismatic diffuse acrylic, .118" thick AF12125 Frosted acrylic, pattern #12, .125" thick

**OPTIONS <sup>[2]</sup>**

- EM/10W (L\_\_)** 10-watt emergency battery <sup>[5]</sup>  
Additional lower lumen packages available  
Example: 20,000 nominal lumens = GLS-4-L257/840-FCHA118-(L200) <sup>[6]</sup>
- S7238/B** 72" cord, 3-conductor, No. 18 AWG, black <sup>[7]</sup>
- S7258/B** 72" cord, 5-conductor, No. 18 AWG, black <sup>[8]</sup>
- 6CPI/L5-15P/TWLK** 6' cord and NEMA twistlock 15 AMP plug, 120V <sup>[9]</sup>
- 6CPI/L7-15P/TWLK** 6' cord and NEMA twistlock 15 AMP plug, 277V <sup>[10]</sup>
- WG11** 11-gauge wireguard, white powder coated
- VBY** (2) Y-hangers
- VBY-2** (2) Y-hangers and (2) 2' chains
- HUB MT 3/4"** Cast iron hub and junction box for single 3/4" pendant mount <sup>[11]</sup>

**CONTROL <sup>[3]</sup>**

- DIM** Dimming driver
- DRV** Non-dimming driver

**VOLTAGE <sup>[4]</sup>**

- 120** 120V
- 277** 277V
- UNV** 120-277V
- 480** 480V <sup>[12]</sup>



**NOTES**

- Lumen output based on 4000 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
- See page 3 for MOUNTING DETAILS. See **Technical Info** for occupancy sensor options.
- See page 2 for ADDITIONAL CONTROL OPTIONS.
- Must specify voltage (not UNV) if using cord and plug or occupancy sensor.
- L150 lumen package only.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- DRV only.
- DIM only.
- DRV only.
- DRV only.
- Shipped not attached.
- Not available with EM battery.
- The GLS is not rated as a dust-tight fixture.



## FIXTURE PERFORMANCE DATA

LED PACKAGE	WATTAGE	CHA118		AF118		AF12125		LUMEN MAINTENANCE		
		DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	L80	L85	L90
L150	106	15087	142.8	14182	134.2	13880	131.4	72,000		
L257	182	25854	142.1	23527	129.4	23010	126.5	72,000		

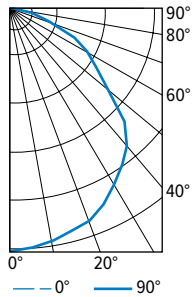
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Predicted lumen maintenance calculated from LED manufacturer IES LM-80 data and In situ temperature measurement.
- Predicted lumen maintenance calculated in accordance with IES TM-21 per Energy Star (R) TM-21 Calculator rev. 02.08.16.
- Use multiplier table to calculate additional options.

### MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
4000K	1.00
5000K	1.03

## PHOTOMETRY

GLS-4-L257/840-FCHA118 Total Luminaire Output: 25854 lumens; 181.9 Watts | Efficacy: 142 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	9930	9930	9930	
5	9824	9815	9820	933
15	9430	9417	9417	2671
25	8824	8855	8851	4062
35	7700	7758	7842	4868
45	6687	6757	6528	5076
55	4908	4757	4252	4146
65	3142	2677	2802	2820
75	1239	943	876	1123
85	123	84	75	154
90	0	0	0	

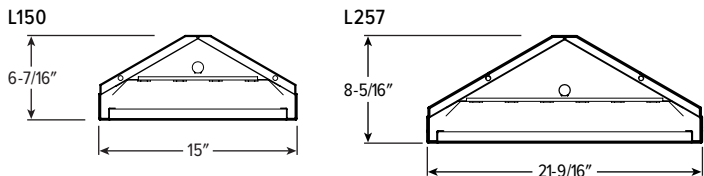
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	7667	30
	0 - 40	12535	49
	0 - 60	21757	84
	0 - 90	25854	100
	0 - 180	25854	100

## ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder).

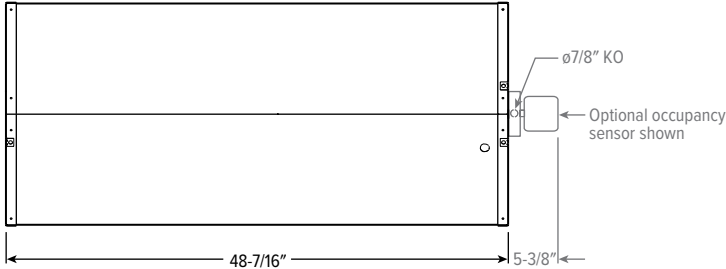
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V or 277V only)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
LDE5	Lutron 5-Series 5% EcoSystem dimming LED driver
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls

## CROSS SECTIONS



**FIXTURE DETAILS**

**BACKVIEW**



**L150**

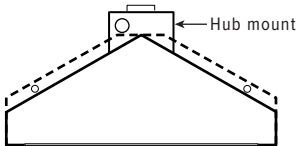


**L257**

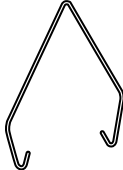


**MOUNTING DETAILS**

**HUB MT 3/4"**



**VBY OR VBY-2**



**WG11**

