

LOW-PROFILE INDUSTRIAL

GL

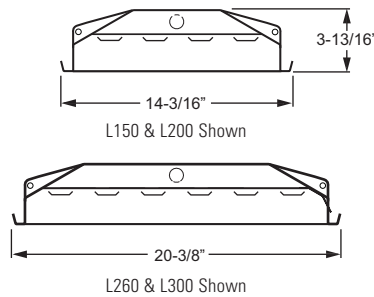
LED

CATALOG #:	TYPE:
PROJECT:	NOTES:
<p>EXAMPLE GL - 4 - L200/840 - OPTIONS - DIM - UNV</p> <p> SERIES NOMINAL LENGTH LUMEN PACKAGE CRI & CCT OPTIONS DRIVER VOLTAGE </p>	



FEATURES

- ▶ Optional energy-saving occupancy sensors available, see Information section.
- ▶ Aluminum housing for maximum heat dissipation.
- ▶ Quick-wire access plate in back of fixture housing for easy attachment of incoming power supply.
- ▶ Shallow fixture depth of less than 4" allows fixture placement near the ceiling for maximum space utilization and reduces damage incurred from material handling equipment.
- ▶ LED technology provides high efficacy and energy efficiency.
- ▶ Rated for 50,000 hours at 85% lumen maintenance (L85).
- ▶ Minimum 82 CRI; 4000K or 5000K CCT.
- ▶ This fixture is proudly made in the USA.



SPECIFICATIONS

Housing – Die-formed aluminum housing.
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. L85 at 50,000 hours. 40°C maximum ambient operating temperature.
Mounting – Suspended.
Labels – cCSAus certified as luminaire suitable for dry or damp locations. DLC qualified products listed at www.designlights.org.
Warranty – 5-year limited fixture warranty, see www.hewilliams.com/warranty.

ORDERING INFORMATION

SERIES
GL Low-Profile Industrial

NOMINAL LENGTH
4 4'

LED PACKAGE

EXAMPLE: L200/840			AVERAGE SYSTEM WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	
L150/	15,000	835 = 82 CRI, 3500K	149
L200/	20,000		174
L260/	26,000	840 = 82 CRI, 4000K	238
L300/	30,000	850 = 82 CRI, 5000K	272

Nominal lumen output based on 4000 CCT. Actual lumens may vary +/- 5%. See specific photometric tests. Additional LED lumen packages available, see options.

OPTIONS

- For **occupancy sensor** options, see Information section.
- EM/BSL310** Emergency LED driver, nominal 1,300 lumens module output in EM mode (not available with L300, 120V-277V only)
- EM/BSL310/BMTD** Back-mounted emergency LED driver, nominal 1,300 lumens module output in EM mode, increases fixture height (required for L300 lumen package, 120V-277V only). See back for details.
- (L__)** Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next *higher* lumen package.
Example: 18,000 nominal lumens = GL-4-L200/840-(L180)
- S7238/B** 72" cord, 3-conductor, No. 18 AWG, black (DRV only)
- S7258/B** 72" cord, 5-conductor, No. 18 AWG, black (DIM only)
- 6CPI/L5-15P/TWLK** 6' cord and NEMA twistlock 15 AMP plug, 120V (DRV only)
- 6CPI/L7-15P/TWLK** 6' cord and NEMA twistlock 15 AMP plug, 277V (DRV only)

ACCESSORIES

- See Information section for **accessory details**.
- WG11** 11-gauge wireguard, white powder coated
- VBY** (2) Y-hangers
- VBY-2** (2) Y-hangers and (2) 2' chains
- GC2/Y18/5** Cable suspension kit, 5' length (1 pair)
- GC2/Y18/10** Cable suspension kit, 10' length (1 pair)
- 3SB** 3" spacer bracket (1 pair)
- HUB MT 3/4"** Cast iron hub and junction box for single 3/4" pendant mount (shipped not attached)
- HUB/HOOK MT** Cast iron hub with mounting hook (shipped not attached)
- HOOK/CABLE PHSCHA118** Hook and cable mounting kit, 10' Piano hinge steel door frame, clear, high-temperature, non-prismatic acrylic, .118" thick (L150 and L260 lumen packages only)
- SCHA118** Steel door frame, clear, high-temperature, non-prismatic acrylic, .118" thick (L150 and L260 lumen packages only)

DRIVER

- DRV** Driver prewired for non-dimming applications
- DIM** Driver prewired for 0-10V low-voltage dimming applications

VOLTAGE

- Must specify voltage (not UNV) if using cord and plug or occupancy sensor.
- 120** 120V
- 208** 208V
- 240** 240V
- 277** 277V
- UNV** 120-277V
- 480** 480V with stepdown transformer (not available with EM options)

LED PHOTOMETRY

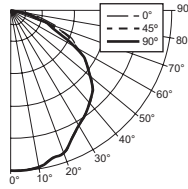
Catalog #: **GL-4-L200/840-DIM-UNV**

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

TEST REPORT INFORMATION

- ▶ Test Report #: 18565.0
- ▶ Date: 12/17/14
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 20450**
- ▶ **Watts: 169**
- ▶ **Lumens Per Watt: 121**
- ▶ **CRI: 83**
- ▶ **CCT: 3994K**



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	7172.	7172.	7172.	682.7
5°	7154.	7152.	7152.	682.7
15°	6839.	6847.	6847.	1940.1
25°	6289.	6297.	6287.	2913.1
35°	5670.	5670.	5672.	3565.4
45°	5048.	5058.	5058.	3914.4
55°	3948.	3971.	3995.	3563.0
65°	2709.	2834.	2053.	2509.2
75°	1292.	1039.	928.	1201.6
85°	245.	123.	117.	160.3
90°	0.	0.	0.	

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 30°	5536.	27.1
0° - 40°	9101.	44.5
0° - 60°	16579.	81.1
0° - 90°	20450.	100.0
Total Luminaire:		
0° - 180°	20450.	100.0

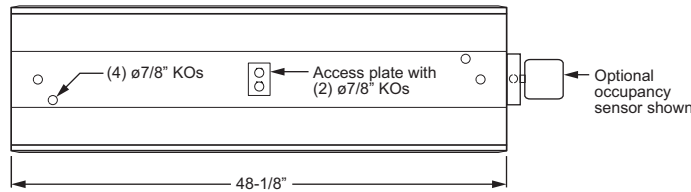
IES Spacing Criteria: End = 1.2
Across = 1.2
Diagonal = 1.2

FIXTURE PERFORMANCE DATA

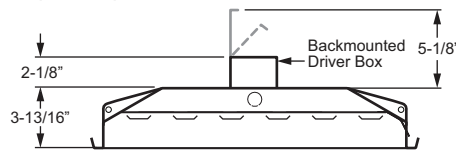
Catalog Number	Lumen Output	Total Power (W)	Luminaire Efficacy	CCT (K)	CRI
GL-4-L150/840-DIM-UNV	15470	140	111	3954	84
GL-4-L150/850-DIM-UNV	16130	135	120	4973	82
GL-4-L200/840-DIM-UNV	20450	169	121	3994	83
GL-4-L200/850-DIM-UNV	20070	160	125	5098	83
GL-4-L260/840-DIM-UNV	27050	220	123	3984	83
GL-4-L260/850-DIM-UNV	27500	211	130	5050	83
GL-4-L300/840-DIM-UNV	30430	259	118	3975	83
GL-4-L300/850-DIM-UNV	30650	244	126	5086	83

FIXTURE DETAILS

BACK VIEW



EM/BSL310/BMTD DETAILS



L320 configuration requires EM driver to be back mounted, increasing fixture height.



DLC qualified products listed at www.designlights.org.

The U.S. Department of Energy's Lighting Facts® Program has verified product performance based on industry-standardized testing. For details, see H.E. Williams GL series at www.lightingfacts.com.

