

LOW-PROFILE INDUSTRIAL

GL

LED

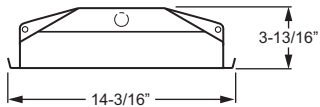
CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE → **GL - 4 - L200/840 - OPTIONS - DIM - UNV**

SERIES NOMINAL LENGTH LUMEN PACKAGE CRI & CCT OPTIONS/ACCESSORIES DRIVER VOLTAGE



CROSS SECTIONS



ORDERING INFORMATION

SERIES
GL Low-Profile Industrial

NOMINAL LENGTH
4 4'

EXAMPLE: L200/840			
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	WATTAGE
L150	15,000	835 = 80 CRI, 3500K 840 = 80 CRI, 4000K 850 = 80 CRI, 5000K	121
L200	20,000		170
L300	30,000		251
L400	40,000		335

Nominal lumen output based on 4000 CCT. Actual lumens may vary +/- 5%, see fixture performance data. Additional LED lumen packages available, consult factory.

OPTIONS

- For occupancy sensor options, see [Technical Info](#).
- ND** Narrow distribution (L300 maximum lumen package; see fixture performance data; not available with HA option)
 - EM/12W/BMTD** Back-mounted 12-watt emergency LED battery, increases fixture height (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)
 - HA** High ambient temperature, 60°C (L200 maximum lumen package; not available with EM, ND, or door frame options)
 - UP** Uplight module, back-mounted (nominal 1,300 lumens module output; 15W; increases fixture height, see back for details)
 - WGC11 F&I** Factory-installed wireguard, 11-gauge, white powder coated (not for use with door frame accessories)

ACCESSORIES

- For accessory details, see [Technical Info](#).
- WGC11** Field-installed wireguard, 11-gauge, white powder coated (ships separately)
 - VBV** (2) Y-hangers
 - VBV-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 (L300 maximum lumen package)
 - PHSAF118** Piano hinge steel door frame, non-prismatic diffuse acrylic, .118" thick (L300 maximum lumen package)
 - SCHA118** Steel door frame, clear, high-temperature, non-prismatic acrylic, .118" thick (L300 maximum lumen package)
 - SAF118** Steel door frame, non-prismatic diffuse acrylic, .118" thick (L300 maximum lumen package)
 - SAF12125** Steel door frame, frosted acrylic #12, .125" thick (L300 maximum lumen package)

DRIVER

- DRV** Driver prewired for non-dimming applications
- DIM** 10% dimming driver prewired for 0-10V low-voltage 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
 - 347** 347V (not available with EM drivers)
 - 480** 480V with stepdown transformer (not available with EM drivers)

FEATURES

- ▶ Optional energy-saving occupancy sensors available, see [Technical Info](#).
- ▶ Aluminum housing for maximum heat dissipation.
- ▶ Quick-wire access plate in back of fixture housing for easy installation.
- ▶ Narrow distribution and uplight options provide tailored performance
- ▶ 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.
- ▶ 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. L70 at 50,000 hours. 40°C maximum ambient operating temperature (reduced to 25°C when specifying alternate drivers).

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

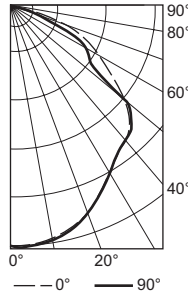
Warranty – 5-year limited warranty, see www.hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

PHOTOMETRY

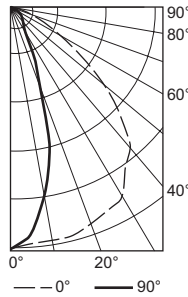
GL-4-L400/840-DRV-UNV Report #: 19438.0; 07/26/16 | Total Luminaire Output: 39806 lumens; 335 Watts
 Efficacy: 119 lm/W | 83 CRI; 4082K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2, Diagonal: 1.2



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	14525	14525	14525		
5	14316	14316	14325	1366.7	
15	14004	14062	14062	3981.6	
25	12690	12753	12703	5887.5	
35	11172	11190	11217	7039.6	
45	10266	10289	10402	7997.7	
55	7688	8023	6048	6509.3	
65	5328	4268	4345	4688.6	
75	2501	1667	1540	1971.0	
85	462	299	340	363.9	
90	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	11236	28.2
	0 - 40	18275	45.9
	0 - 60	32782	82.4
	0 - 90	39806	100.0
	0 - 180	39806	100.0

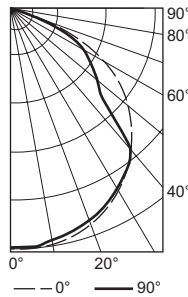
GL-4-L200/840-ND-DRV-UNV Report #: 19460.0; 08/23/16 | Total Luminaire Output: 20078 lumens; 170 Watts
 Efficacy: 118 lm/W | 83 CRI; 4001K CCT | IES Spacing Criteria: End: 1.3, Across: .6, Diagonal: .7



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	20636	20636	20636		
5	20279	19854	19410	1894.9	
15	20182	15721	12727	4569.9	
25	19313	8054	4471	4570.8	
35	16928	2742	1767	3463.8	
45	13316	1400	1120	2502.5	
55	7329	917	666	1654.7	
65	3196	464	492	893.8	
75	975	357	290	445.7	
85	116	58	58	81.7	
90	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	11036	55.0
	0 - 40	14499	72.2
	0 - 60	18657	92.9
	0 - 90	20078	100.0
	0 - 180	20078	100.0

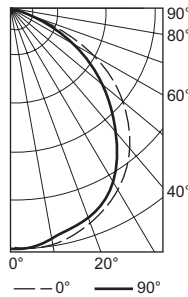
GL-4-L300/840-SCHA118-DIM-UNV Report #: 19725.0; 02/14/17 | Total Luminaire Output: 27958 lumens; 252 Watts
 Efficacy: 111 lm/W | 83.9 CRI; 4076K CCT | IES Spacing Criteria: End: 1.3, Across: 1.3, Diagonal: 1.3



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	10494	10494	10494		
5	10611	10414	10385	996.9	
15	10337	10185	10140	2890.4	
25	9804	9631	9608	4464.6	
35	8860	8773	8758	5499.9	
45	7570	7415	5660	5473.6	
55	5826	4271	4327	4361.6	
65	3599	2791	2729	3101.5	
75	1431	963	711	1068.6	
85	96	98	82	101.4	
90	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	8352	29.9
	0 - 40	13852	49.5
	0 - 60	23687	84.7
	0 - 90	27958	100.0
	0 - 180	27958	100.0

GL-4-L300/840-SAF118-DIM-UNV Report #: 19726.0; 02/14/17 | Total Luminaire Output: 27318 lumens; 252 Watts
 Efficacy: 109 lm/W | 83.9 CRI; 4065K CCT | IES Spacing Criteria: End: 1.3, Across: 1.3, Diagonal: 1.3



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	10547	10547	10547		
5	10708	10485	10414	1003.0	
15	10446	10238	10147	2903.1	
25	9796	9633	9525	4454.0	
35	8790	8663	8250	5384.6	
45	7314	6969	6067	5291.8	
55	5364	4586	4241	4260.3	
65	3112	2584	2477	2685.6	
75	1314	1076	1073	1171.7	
85	158	145	157	163.6	
90	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	8360	30.6
	0 - 40	13745	50.3
	0 - 60	23297	85.3
	0 - 90	27318	100.0
	0 - 180	27318	100.0

FIXTURE PERFORMANCE DATA

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	NARROW DISTRIBUTION (ND) OPTION		
				DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L150/835	15610	121	129	13980	121	116
L150/840	15735	121	130	14092	121	116
L150/850	16125	121	133	14441	121	119
L200/835	20316	170	119	19917	170	117
L200/840	20479	170	120	20078	170	118
L200/850	20986	170	123	20580	170	121
L300/835	29786	251	119	28140	240	117
L300/840	30026	251	120	27987	246	114
L300/850	30761	251	123	28687	246	117
L400/835	39360	336	117	-	-	-
L400/840	39806	335	119	-	-	-
L400/850	38750	337	115	-	-	-

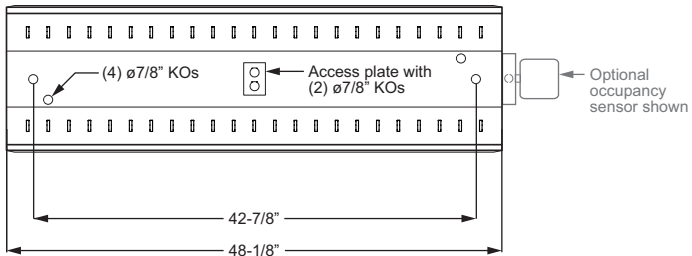
Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.

Wattage shown is for 120V input.

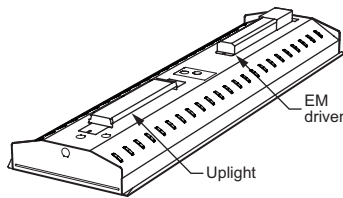
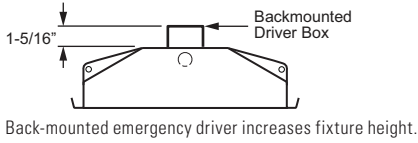
Results based on 4000K, 80 CRI, actual lumens may vary +/-5%

FIXTURE DETAILS

BACK VIEW



EM/12W/BMTD



UPLIGHT

