

CATALOG #: _____

Type: _____

PROJECT: _____



FEATURES

- Ultra-low 2-9/16" fixture depth
- Optimized for single-person installation
- Up to 55°C ambient rating
- Multiple shielding and distribution options
- High-performance up to 155 lm/W
- Micro-prismatic lens reduces glare
- Energy-saving alternative designed to replace traditional HID or fluorescent high bays
- Non-EM fixtures are shipped in 2-packs to reduce job -site waste
- Wireless in-fixture control solutions available
- Available on QuickShip at hew.com/GS_quickship.pdf
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – Die-formed aluminum housing.
- SHIELDING – Clear or micro-prismatic acrylic lens.
- 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. L80 at 72,000 hours per IES TM-21. -40°C minimum to 45°C maximum ambient operating temperature standard. 55°C maximum ambient operating temperature when specified with HA option, lumen restrictions apply, consult fixture performance data. 50/60 Hz constant current driver.
- MOUNTING – Suspended. Surface mount kit available. Indoor applications only. Fixture weight is 6.5lbs for 2' and 13lbs for 4' unit, options may increase weight.
- 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
 - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: GS - 2 - L240/840 - CA - OPTIONS - CONTROL/DIM - UNV

ORDERING INFO

SERIES	LENGTH	LUMENS ^[1]	CRI	CCT	TEMPERATURE
GS	2 2'	2' L120 12,000lm	8 80	30 3000K	- 45°C ambient operating temperature
	4 4'	L180 18,000lm	9 90	35 3500K	
		L240 24,000lm	L360 36,000lm	40 4000K	HA High ambient operating temperature, 55°C ^[2]
		L480 48,000lm	50 5000K		

SHIELDING

- CA Clear acrylic lens
- MD Medium distribution, micro-prismatic acrylic lens
- ND Narrow distribution, micro-prismatic acrylic lens
- HP High performance, no lens included

OPTIONS

- See page 3 for MOUNTING ACCESSORY OPTIONS.
- See page 4 for CORD OPTIONS.
- EM/10W 10-watt emergency battery^[3]
- EM/14W 14-watt emergency battery^[4]
- EM/20W 20-watt emergency battery^[5]
- (L_) Additional lower lumen packages available
- Example: 20,000 lumens = GS-2-L240/840-(L200)^[6]
- WG11 11-gauge wireguard, field-installed^[7]
- WG11 F&I 11-gauge wireguard, factory installed

CONTROL

- Click [HERE](#) for control and sensor options.
- None

DRIVER^[8]

- DIM Driver with external 0-10V dimming wires
- DRV Driver without external dimming wires

VOLTAGE

- 120 120V
- 208 208V
- 240 240V
- 277 277V
- UNV 120-277V
- 347 347V^[9]
- 480 480V^[10]

NOTES

- ¹ Lumen output based on CA Shielding, 80 CRI/4000K CCT. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- ² Must be suspended minimum 18" from ceiling. Not available with EM batteries. Textured black finish channel. Lumen restrictions apply. See page 2 for FIXTURE PERFORMANCE DATA.
- ³ Increases fixture size. See page 4 for FIXTURE DETAILS.
- ⁴ Increases fixture size. See page 4 for FIXTURE DETAILS.
- ⁵ Increases fixture size. See page 4 for FIXTURE DETAILS.
- ⁶ Specify in increments of 1000 nominal lumens. Option must be specified with next higher lumen package.
- ⁷ Ships separately.
- ⁸ Consult factory for additional driver options.
- ⁹ Not available with EM batteries or DA Driver.
- ¹⁰ Not available with EM batteries or DA Driver.



FIXTURE PERFORMANCE DATA

LED PACKAGE	STANDARD TEMPERATURE				HA TEMPERATURE				
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	MAX AMBIENT	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	MAX AMBIENT	
2'	L120	12210	85	144	45°C	12210	85	144	55°C
	L180	18002	116	155		18002	116	155	55°C
	L240	24420	169	144		23246	156	149	50°C
4'	L240	24420	169	144		24420	169	144	55°C
	L360	36003	232	155		36003	232	155	55°C
	L480	48839	338	144		46493	312	149	50°C

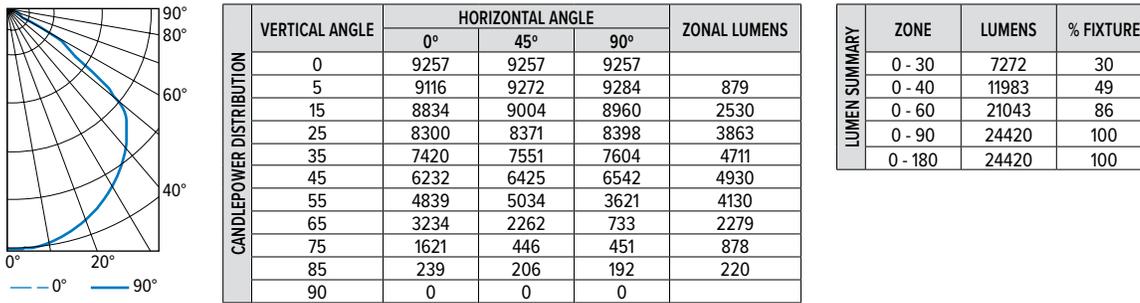
MULTIPLIER TABLES

	COLOR TEMPERATURE		SHIELDING	
	CCT	CONVERSION FACTOR	CATALOG NUMBER	CONVERSION FACTOR
80 CRI	3000K	0.96	CA	1.00
	3500K	0.97	MD	0.95
	4000K	1.00	ND	0.96
	5000K	1.03	HP	1.04
90 CRI	3000K	0.79		
	3500K	0.80		
	4000K	0.83		
	5000K	0.86		

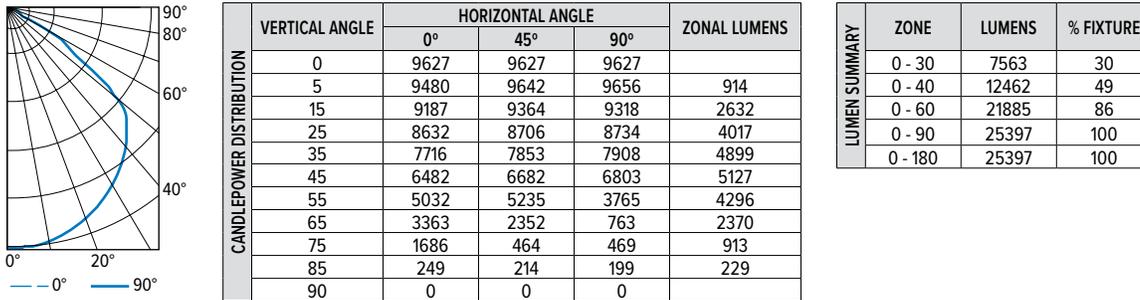
- Photometrics tested in accordance with IESNA LM-79. Results based on CA shielding, 80 CRI/4000K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier tables to calculate additional options.

PHOTOMETRY

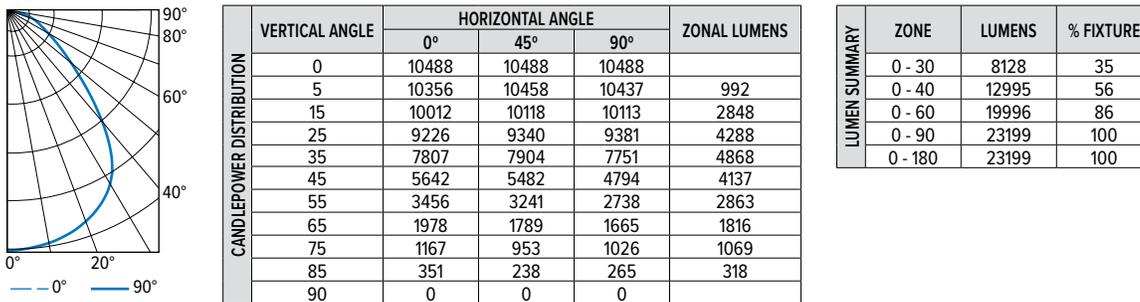
GS-2-L240/840-CA-DIM-UNV Total Luminaire Output: 24420 lumens; 169 Watts | Efficacy: 144 lm/W | 80 CRI; 4000K CCT



GS-2-L240/840-HP-DIM-UNV Total Luminaire Output: 25397 lumens; 169 Watts | Efficacy: 150 lm/W | 80 CRI; 4000K CCT

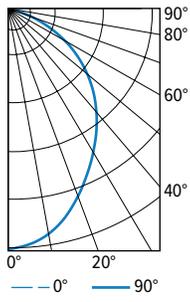


GS-2-L240/840-MD-DIM-UNV Total Luminaire Output: 23199 lumens; 169 Watts | Efficacy: 137 lm/W | 80 CRI; 4000K CCT



PHOTOMETRY CONTINUED ON NEXT PAGE

GS-2-L240/840-ND-DIM-UNV Total Luminaire Output: 23444 lumens; 169 Watts | Efficacy: 139 lm/W | 80 CRI; 4000K CCT



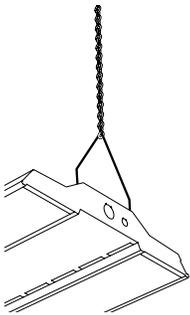
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	10316	10316	10316	
	5	10140	10255	10224	967
	15	9380	9469	9458	2652
	25	8071	8112	8082	3727
	35	6758	6678	6711	4199
	45	5410	5326	5362	4127
	55	4043	4000	3926	3560
	65	2660	2635	2418	2555
	75	1362	1297	1056	1328
	85	338	269	219	328
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	7346	31
	0 - 40	11546	49
	0 - 60	19233	82
	0 - 90	23444	100
	0 - 180	23444	100

MOUNTING ACCESSORY OPTIONS

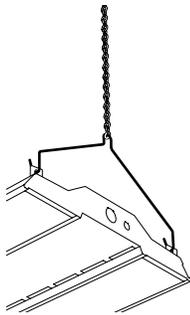
VBY-2

(2) Y-hangers with 2' chains



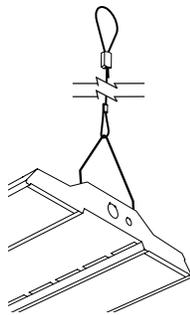
VBYW-2

(2) Wide Y-hangers with 2' chains



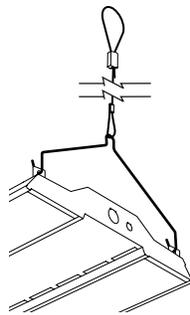
VBYL/_

(2) Y-hangers with loop cable (specify 5' or 10' length)



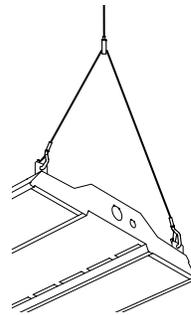
VBYWL/_

(2) Wide Y-hangers with loop cable (specify 5' or 10' length)



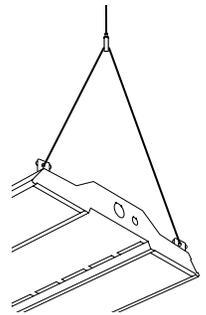
GS/Y18/_

(2) Hook cable suspension kits (specify 5' or 10' length)



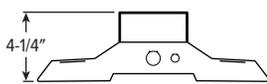
GC2/Y18/_

(2) Toggle cable suspension kits (specify 5' or 10' length)

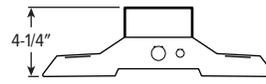
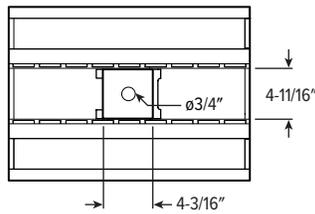


GS-HUB MT Cast iron hub and junction box for single 3/4" pendant mount, ships separately. 10' aircraft cable and Y-hanger factory furnished for leveling fixture from single support.

Cross Section

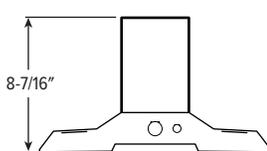


Backview

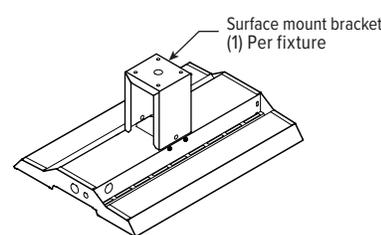
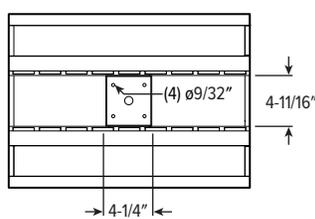


GS-SMK Surface mount kit, ships separately. Not available with HA Option.

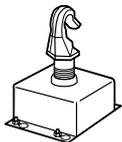
Cross Section



Backview



GS-HUB/HOOK MT Cast iron hub with mounting hook, ships separately.



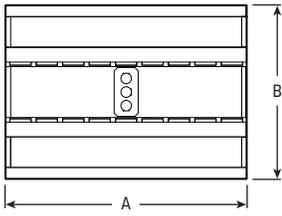
Mounting hook with safety screw allows easy replacement of existing HID fixtures. Hook attaches to the fixture with 3/4" NPT cast iron hub and junction box.

10' aircraft cable and Y-hanger factory furnished for leveling fixture from single support.



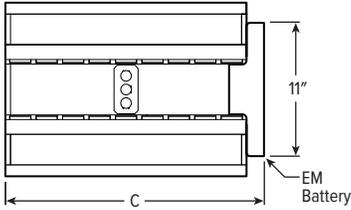
FIXTURE DETAILS

BACKVIEW

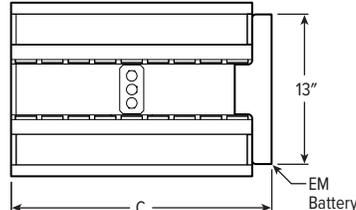


	A (LENGTH)	B (WIDTH)
2'	20"	14-7/8"
4'	40-3/8"	14-7/8"

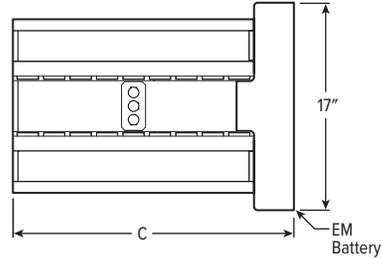
EM/10W



EM/14W

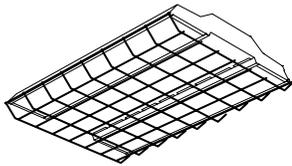


EM/20W

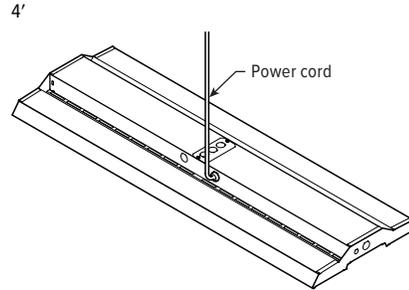
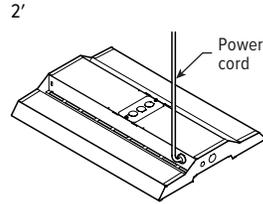


C (FIXTURE LENGTH WITH EM)			
	EM/10W	EM/14W	EM/20W
2'	21-9/16"	21-9/16"	23-1/8"
4'	41-7/8"	41-7/8"	43-1/2"

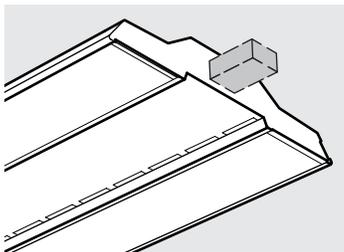
WG11



POWER ENTRY



SENSOR PLACEMENT DETAILS



CORD OPTIONS

Units specified with suspended hardware require cord. Please specify cord type using ordering information below.

STANDARD CORD

EXAMPLE: S2438D/W				
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR
S	24 24"	3	8D 18ga	/W White /B Black
	48 48"	4		
	96 96"	5 ⁽¹⁾ 6 ⁽¹⁾		

¹ Includes (2) 22ga purple & pink dimming conductors

CORD WITH PLUG

EXAMPLE: 6CPI/L5-15P/TWLK			
LENGTH	CORD TYPE	VOLTAGE & AMP	PLUG TYPE
6 6'	CPI 16ga, 3 cond.	/L5-15 120V, 15 A	P/TWLK Twistlock
		/L7-15 277V, 15 A	
		/L8-20 480V, 20 A	

For use with DRV driver only.

