

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

TYPE: \_\_\_\_\_

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

**FEATURES**

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Aluminum housing for maximum heat dissipation
- Quick-wire access plate in back of fixture housing for easy installation
- Narrow distribution and uplight options provide precise illumination
- 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
- Maximize energy savings with efficacies as high as 161 lm/W
- Made Right Here® 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. Low-voltage DC fixture, to be fed by Class 2 power supply.
- MOUNTING – Suspended.
- LISTINGS –
  - cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY – 5-year limited warranty, see [www.hew.com/warranty](http://www.hew.com/warranty).

**SYSTEM REQUIREMENTS**

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see [hew.com/poe](http://hew.com/poe)
- Consult factory for design support



**ORDERING EXAMPLE: GL - 4 - P220/840 - OPTIONS - POE PR**

**ORDERING INFO**

SERIES	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT
GL	4 4'	P160	16,000lm	8 80
		P220	22,000lm	9 90 <sup>[2]</sup>
				50 5000K

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

- ND** Narrow distribution
- WGC11 F&I** Factory-installed wireguard, 11-gauge, white powder coated <sup>[5]</sup>
- WGC11** Field-installed wireguard, 11-gauge, white powder coated <sup>[6]</sup>
- 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 <sup>[7]</sup>
- HUB/HOOK MT** Cast iron hub with mounting hook <sup>[8]</sup>
- HOOK/CABLE** Hook and cable mounting kit, 10'
- PHSCHA118** Piano hinge steel door frame, clear, high-temperature, non-prismatic acrylic, .118" thick
- PHSAF118** Piano hinge steel door frame, non-prismatic diffuse acrylic, .118" thick
- SCHA118** Steel door frame, clear, high-temperature, non-prismatic acrylic, .118" thick
- SAF118** Steel door frame, non-prismatic diffuse acrylic, .118" thick
- SAF12125** Steel door frame, frosted acrylic #12, .125" thick

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

- POE PR** Power over Ethernet, Platformatics-ready

**NOTES**

- <sup>1</sup> Lumen output based on 4000 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen package available, see options.
- <sup>2</sup> Extended lead times may apply. Consult factory for availability.
- <sup>3</sup> See page 3 for MOUNTING ACCESSORIES. See [Technical Info](#) for occupancy sensor options.
- <sup>4</sup> See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see [hew.com/poe](http://hew.com/poe).
- <sup>5</sup> Not for use with door frame accessories.
- <sup>6</sup> Ships separately.
- <sup>7</sup> Shipped not attached.
- <sup>8</sup> Shipped not attached.



**FIXTURE PERFORMANCE DATA**

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	NARROW DISTRIBUTION (ND) OPTION		
				DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P160 <sup>1</sup>	16098	100.0	161.0	15776	100.0	157.8
P220 <sup>2</sup>	22116	146.3	151.1	21673	146.3	148.0

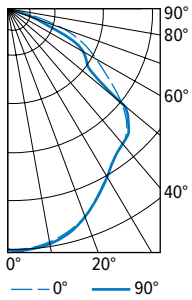
- <sup>1</sup> Fixture contains two nodes, one power drop per node required.
- <sup>2</sup> Fixture contains three nodes, one power drop per node required.
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

**MULTIPLIER TABLES**

		COLOR TEMPERATURE	
		CCT	CONVERSION FACTOR
80 CRI	3500K	0.97	
	4000K	1.00	
	5000K	1.03	
90 CRI	3500K	0.80	
	4000K	0.83	
	5000K	0.86	

**PHOTOMETRY**

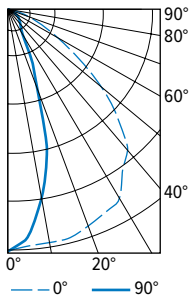
**GL-4-P220/840** Total Luminaire Output: 22116 lumens; 146.3 Watts | Efficacy: 151 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	8083	8083	8083	
5	8059	8066	8073	768
15	7883	7919	7943	2215
25	7148	7205	7158	3302
35	6277	6287	6311	3974
45	5686	5706	5790	4367
55	4268	4455	2977	3626
65	2950	2112	2146	2490
75	1391	1131	697	1140
85	250	170	187	234
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	6285	28
	0 - 40	10260	46
	0 - 60	18252	83
	0 - 90	22116	100
	0 - 180	22116	100

**GL-4-P220/840-ND** Total Luminaire Output: 21673 lumens; 146.3 Watts | Efficacy: 148 lm/W | 80 CRI; 4000K CCT

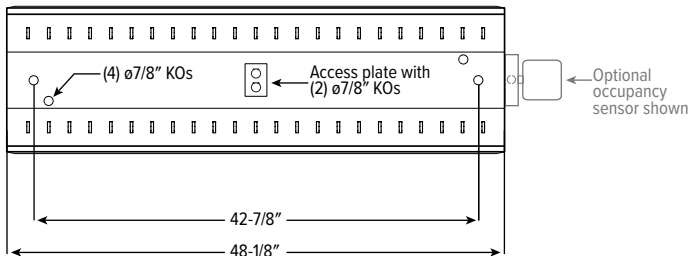


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	21858	21858	21858	
5	21370	20859	20415	1941
15	20911	16449	13474	4625
25	20304	9087	5269	4948
35	18099	3263	1939	3892
45	14629	1561	1154	2824
55	8132	940	703	1823
65	3626	525	533	1023
75	1087	355	296	489
85	140	44	44	107
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	11515	53
	0 - 40	15406	71
	0 - 60	20053	93
	0 - 90	21673	100
	0 - 180	21673	100

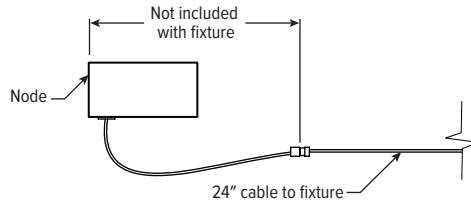
**FIXTURE DETAILS**

**BACKVIEW**



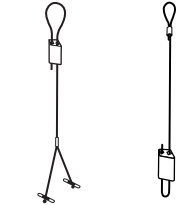
**NODE CONNECTION DETAILS**

Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: [platformatics.com/product/poe-ln2](http://platformatics.com/product/poe-ln2)



**MOUNTING ACCESSORIES**

**CABLE SUSPENSION KITS**



**GC2/Y18/\_** Adjustable cable suspension with "Y" intersection—available in lengths of 5', 10', 15', and 20'

**GC2/L/10** 10' adjustable cable suspension system with loop

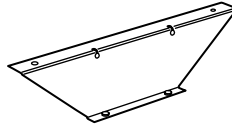
**VBY HANGER**



**VBY** 1 pair VBY hangers

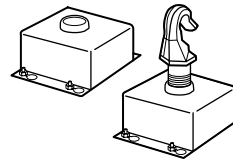
**Note:** Hanger is available with 2' or 3' precut #12 wrapped chain. To order specify length of chain in feet following VBY hanger catalog number (example: VBY-2).

**SPACER BRACKET**



**3SB** 3" spacer bracket

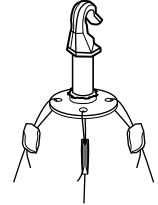
**HUB MOUNTS**



**HUB MT 3/4"** Cast iron hub and junction box for single 3/4" pendant mount

**HUB/HOOK MT** Cast iron hub with mounting hook

**HOOK AND CABLE**



**HOOK/CABLE** Hook and cable mounting kit, 10'

