

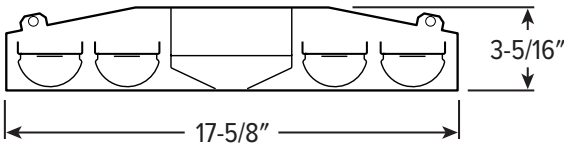
AC GH High Bay

AGILE-CORE™  
Distributed Edge Architecture

PROJECT:	QTY:
TYPE:	CATALOG:

SPECIFICATIONS:

Housing/Reflector	Die-formed steel housing
Shielding	Frosted acrylic
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 65,000 hours.
Mounting	<ul style="list-style-type: none"><li>Suspended.</li><li>Surface mount kit available.</li><li>Indoor application only.</li></ul>
Listings	<ul style="list-style-type: none"><li>cCSAus certified as luminaire suitable for dry or damp locations.</li><li>Complies with Buy American Act and other federal regulations.</li></ul>
Warranty	5-year limited warranty



FEATURES:

- Maximum energy savings with efficacies up to 198 lm/W
- No in-luminaire drivers extending fixture life, using less materials and lowering costs
- Daisy chain multiple fixtures per home run
- No field wiring when used with cat 6 patch cables and luminaires with RJ45 power connections
- Made in the USA

CERTIFICATIONS



ORDERING GUIDE:

Example Catalog # AC GH 2 P230/840 FA RJ45 BLK VBY-2

Family	Length	Lumens <sup>1</sup>		/	CRI	CCT	Shielding	Pwr/Control
AC GH	2 2' 4 4'	2'			8 80 9 90	30 3000K 35 3500K 40 4000K 50 5000K	FA Frosted acrylic  FP Frosted polycarbonate  HP High performance, no lens included  ND Narrow distribution	RJ45 two XPD T2P G RJ45 connectors  FL flying leads
		P60 6,000lm	P120 12,000lm					
		P120 12,000lm	P240 24,000lm					
		P230 23,000lm	P350 35,000lm					
		P340 34,000lm	P460 46,000lm					
			P670 67,000lm					

Options <sup>2</sup>	
UP Uplight <sup>3</sup> ALUM Silver sparkle aluminum BLK Textured black BRZ Textured bronze NKL Textured nickel SLV Textured silver WHT Textured white WG11 11-gauge wireguard, field-installed <sup>4</sup> WG11 F&I 11-gauge wireguard, factory installed	VBY (2) Y-hangers VBY-2 (2) Y-hangers with 2' chains GC2/Y18/5 (2) Cable suspension kits, 5' length GC2/Y18/10 (2) Cable suspension kits, 10' length HUB MT Cast iron hub and junction box for single 3/4" pendant mount <sup>5</sup> HUB/HOOK MT Cast iron hub with mounting hook <sup>6</sup> HOOK/CABLE Hook and cable mounting kit, 10' GH-SMK Surface mount kit

1 Lumen output based on FA Shielding, 80 CRI/4000K CCT. Actual performance may vary +/-5%, see page 3 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.

2 See page 4 for MOUNTING DETAILS.

3 Percentage of uplight depends on fixture width. See page 3 for FIXTURE PERFORMANCE DATA.

4 Shipped separately.

5 Shipped separately.

6 Shipped separately.

PERFORMANCE TABLE

AC GH W/ FA SHIELDING, 80CRI, 4000K CCT

	LED Package	Delivered Lumens	Total Wattage	Efficacy (lm/W)	Width	Control	LED Channels*	LED Vf max (V)	LED If max/ch (mA)
2'	P60	5835	29.5	198	12"	XPD-P2H-G	1	38	784
	P120	11239	60	187	12"	XPD-P2H-G	1	39	1552
	P230	22260	118.8	187	18"	XPD-P2H-G	2	39	1536
	P340	33390	178.2	187	24"	(2) XPD-P2H-G	3	39	1536
4'	P120	11669	59.1	197	12"	XPD-P2H-G	1	38	1568
	P240	23338	118.1	198	18"	XPD-P2H-G	2	38	1568
	P350	35008	177.2	198	24"	(2) XPD-P2H-G	3	38	1568
	P460	46015	237.5	194	24"	(2) XPD-P2H-G	4	38	1560
	P670	66780	356.4	187	24"	(3) XPD-P2H-G	6	39	1536

\* Consult factory for # of channels

MULTIPLIER TABLE

	Color Temperature		Shielding		Width	Uplight %	
	CCT	Conversion Factor	Catalog Number	Conversion Factor		FA	HP   ND
80 CRI	3000K	0.96	FA	1.00	12"	16	12
	3500K	0.97	FP	0.95	18"	10	7
	4000K	1.00	HP	1.09	24"	8	4
	5000K	1.03	ND	1.08			

- Photometrics tested in accordance with IESNA LM-79. Results based on FA 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.

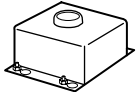
## MOUNTING DETAILS

### GC2/Y18/\_

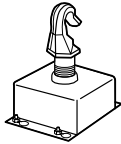


### HUB MT

4' fixture requires two hubs for mounting



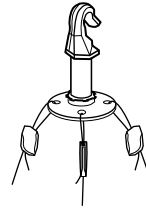
### HUB/HOOK MT



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.

A 10' long aircraft cable and Y style hanger with toggle clips are factory furnished for leveling fixture from single support.

### HOOK/CABLE

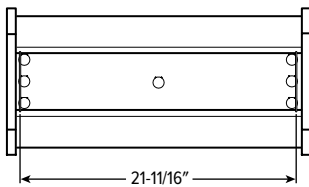


Hook and 10' cable mounting kit. Mounting hook is secured to the structure by eye bolt or loop (furnished by others).

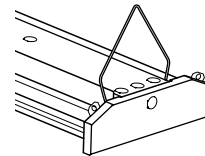
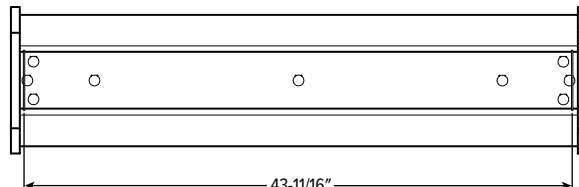
Attached at the base of the hook is a circular mounting plate with four (4) 10' adjustable cables, oriented in 90° intervals, suspended below.

### VBV | VBY-2

2'

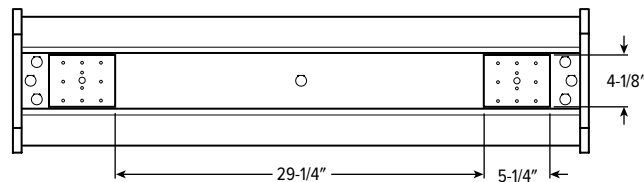
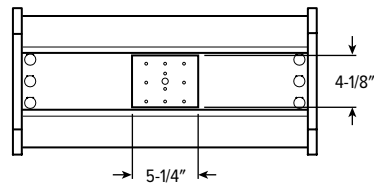
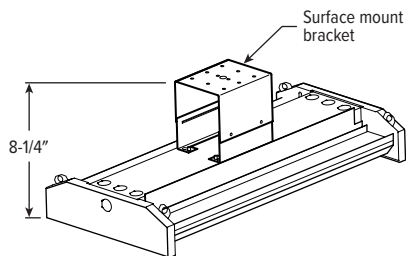


4'

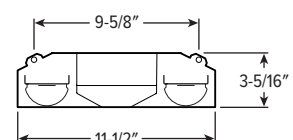
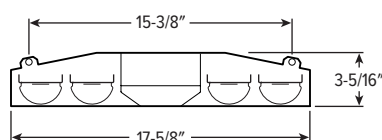
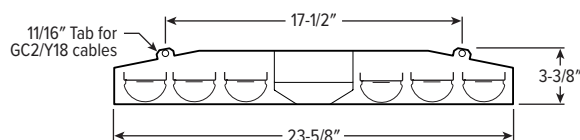


### GH-SMK

4' fixture requires two brackets for mounting



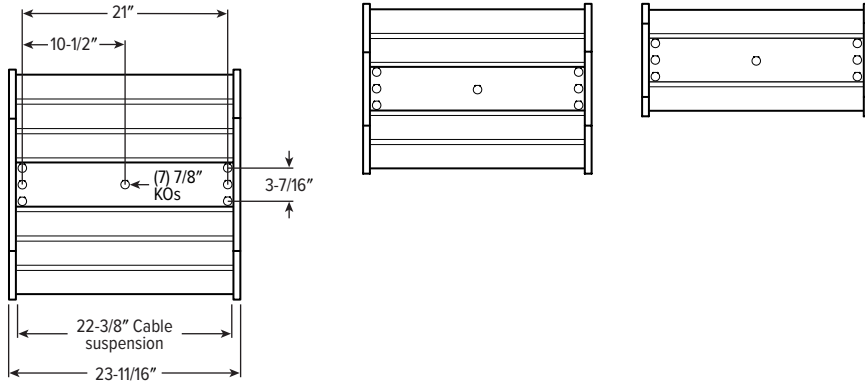
## CROSS SECTIONS



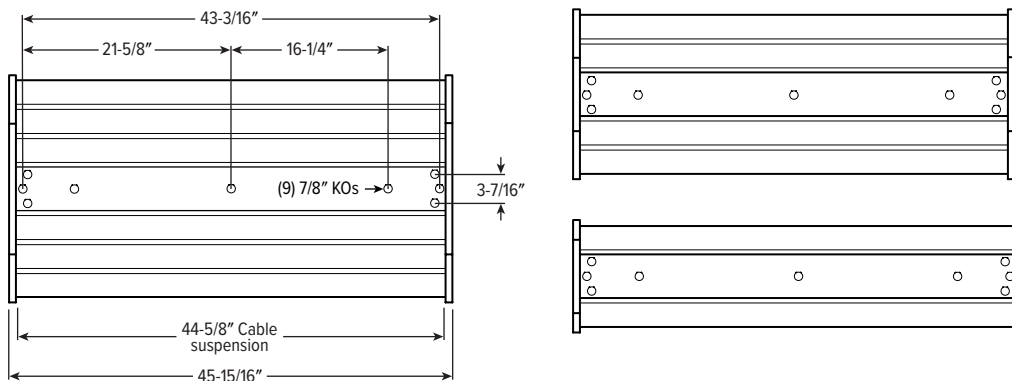
## FIXTURE DETAILS

### BACKVIEW

2'



4'

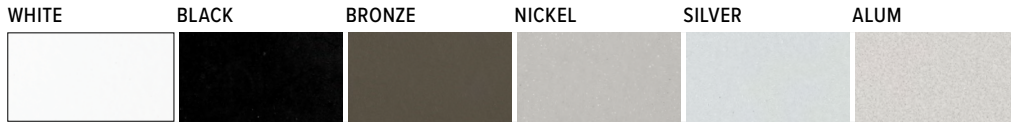


### AC GH W/ RJ45 PWR/CONTROL

Includes (2) XPD T2P G RJ45 Connectors pre-wired to the luminaire



## FINISH OPTIONS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

## AGILE-CORE POWER DISTRIBUTION AND CONTROL SYSTEM

