

AC 96 LED

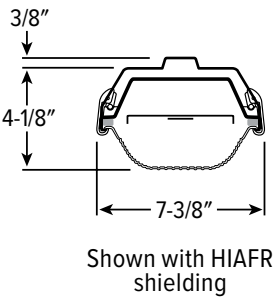
Fully Enclosed & Gasketed Industrial

AGILE-CORE®
Distributed Edge Architecture

PROJECT:	QTY:
TYPE:	CATALOG:

SPECIFICATIONS:

Housing	Outer: 5VA (f1) fiberglass Inner: .050" aluminum
Shielding	Frosted, ribbed, impact-resistant acrylic
Latching	Stainless steel
Electrical	High-quality mid power LED board.
Mounting	Surface or suspended. Stainless steel ceiling mount brackets included. Wall mount when specified with WMB.
Listings	• cETLus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for wet locations. • NSF/ANSI Standard 2–Splash Zone certified, IP65, IP66, and IP67 certified, and rated for NEMA 4X. • RoHS compliant. • Complies with the Buy American Act and other federal regulations.
Warranty	5-year limited warranty



FEATURES:

- Fully gasketed fixture is built tough to resist contaminants
- Stainless steel latches provide long-lasting protection against corrosion
- Rigorously tested to withstand water penetration at 1500 PSI with 1.4 GPM flow rate, ensuring reliability in high-pressure washdown scenarios
- Tamper-resistant latches available
- Seamless closed-cell gasket, poured and formed in place, creates a vapor-tight seal
- NEMA 4X, IP65, IP66, IP67, and NSF/ANSI Standard 2 – Splash Zone certified
- High and low ambient options for extreme environments
- Wireless in-fixture control solutions available
- Made in the USA

CERTIFICATIONS



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ORDERING GUIDE:

Example Catalog # AC 96 2 L25/840 HE FR SSCMB S4828D/W DCC FL

Family	Length	Lumens ¹	/ CRI	CCT	Efficiency	Shielding
AC 96	2 2' 4 4' 8 8' ²	2' L21 2,100lm L29 2,900lm L40 4,000lm	8 80 9 90	30 3000K 35 3500K 40 4000K 50 5000K	HE high efficiency	HIAFR Frosted, ribbed, impact-resistant acrylic
		4' L40 4,000lm L62 6,200lm L81 8,100lm L110 11,000lm				SFRA Frosted, smooth, impact-resistant acrylic
		8' L80 8,000lm L130 13,000lm L160 16,000lm L220 22,000lm				SFPC Frosted, smooth, UV stabilized polycarbonate
						DFR Drop, frosted, impact-resistant acrylic
						DCL Drop, clear, impact-resistant acrylic with frosted ends
						SCLA Clear, smooth, impact-resistant acrylic
						SCPC Clear, smooth, UV stabilized polycarbonate

Options ³ All wet location cords are yellow.		Pwr/Control
(L___)	Additional lower lumen packages available. ⁴ Example: 4,100 lumens = 96-4-L62/840-HIAFR-(L41)	DCC FL DC constant current w/ flying leads
HA50	High ambient operating temperature, 50°C ⁵	
LA	Low ambient operating temperature ⁶	
PCL	Injection-molded polycarbonate latches ⁷	
TP	Tamper-resistant screws ⁸	
WET/1	(1) 1/2" watertight hub, side access ⁹	
WET/2	(2) 1/2" watertight hubs, side access ¹⁰	
WTT/1	(1) 1/2" watertight hub, back access ¹¹	
WTT/2	1/2" watertight hubs, back access ¹²	
SSCMB	(2) Stainless steel y-hangers	
WMB	(2) Stainless steel 45° wall mount brackets	
GC2/L/10	10' adjustable cable suspension system with loop	
GC2/Y18/5	(2) Cable suspension kits, 5' length ¹³	
GC2/Y18/10	(2) Cable suspension kits, 10' length ¹⁴	
RCM/PWU	Rigid ceiling mount bracket ¹⁵	

1 Lumen output based on HIAFR Shielding, 80 CRI/4000K CCT. Actual performance may vary +/-5%, see page 3 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
2 Acrylic diffusers only.
3 Stainless steel latches required for applications with harsh chemicals. See page 4 for MOUNTING DETAILS.
4 Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
5 L29 lumen package max for 2', L62 max for 4', L130 max for 8'. Must be suspended minimum 12" from ceiling.
6 Lumen restrictions apply. See FIXTURE PERFORMANCE DATA on page 3.
7 Not recommended for use in harsh environments, such as a car wash.

8 When TP option is specified, fixture is not NSF/ANSI 2 certified. Requires a tamper-resistant tool, see Accessories.
9 Factory-installed in end of housing. Increases overall length by 1/8"
10 Factory-installed in ends of housing. Not available with occupancy sensor option. Increases overall length by 1/4"
11 4' only, factory-installed in back of fixture.
12 4' and 8' only, factory-installed in back of fixture.
13 Must specify RCM/PWU Option.
14 Must specify RCM/PWU Option.
15 Packed with unit.

ACCESSORIES

ordered separately

TPTG TOOL	Tamper-resistant tool for tri-groove screws
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PERFORMANCE TABLE

96 @ 80CRI, 4000K, HE Option, HIARF shielding

	LED Package	Delivered Lumens	Wattage	Efficacy (lm/W)	Control (sold separately)	LED Channels	LED Vf max (V)	LED If max/ch (mA)
2'	L26	2,608	15	185	DCC	1	38	375
	L39	3,914	22	180		1	38	570
4'	L42	4,240	22	199		1	37	570
	L81	8,225	43	191		1	38	1125
8'	L87	8,854	42	211		1	37	1125
	L172	17,401	86	202		2	38	1125

MULTIPLIER TABLE

Color Temperature			Shielding	
	CCT	Conversion Factor	Lens	Conversion Factor
80 CRI	3000K	0.96	HIAFR	1.00
	3500K	0.97	SFRA	1.07
	4000K	1.00	SFPC	0.91
	5000K	1.03	DFR	1.05
			DCL ¹	1.06
90 CRI	3000K	0.79	SCLA ¹	1.09
	3500K	0.80	SCPC ¹	Consult Factory
	4000K	0.83		
	5000K	0.86		

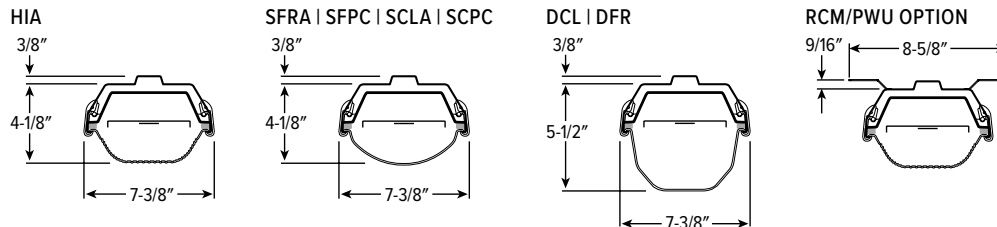
¹ Due to clear lens, striations in the light distribution will be visible.

- Photometrics tested in accordance with IESNA LM-79. Results based on FR shielding, 80 CRI/4000K CCT and 25°C ambient temperature. Actual performance may vary +/-5%.
- Use multiplier tables to calculate additional options.

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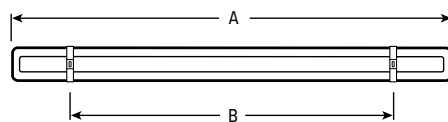
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CROSS SECTIONS



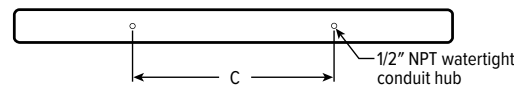
FIXTURE DETAILS

BACKVIEW



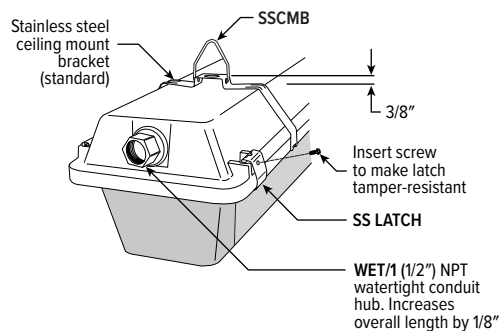
NOMINAL LENGTH	OVERALL LENGTH (A)	MOUNTING DISTANCE (B)
2'	27-5/8"	12"- 17" OC
4'	51-7/8"	30"- 42" OC
8'	100-1/4"	48"- 80" OC

WTT/1 | WTT/2 OPTIONS

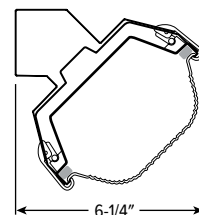


NOMINAL LENGTH	DISTANCE (C)
4'	24" OC
8' (WTT/2 only)	45-3/4" OC

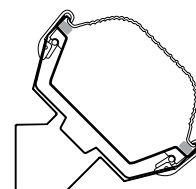
MOUNTING DETAILS



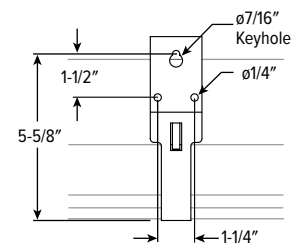
WMB OPTION



Wet location listed with fixture lens facing down



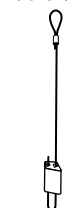
Dry or damp location only with fixture lens facing up



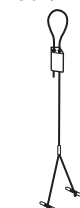
RCM/PWU AND GC2/Y18 OPTIONS



GC2/L/10



GC2/Y18/_



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AGILE-CORE POWER DISTRIBUTION AND CONTROL SYSTEM

