

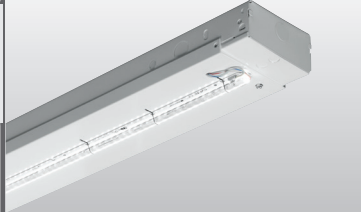
NARROW AISLE LIGHTER

GA
LED

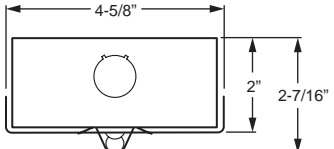
CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE → **GA - 8 - L70/840 - N - OPTIONS - DRV - UNV**

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



CROSS SECTIONS



ORDERING INFORMATION

SERIES	
GA	Narrow Aisle Lighter
NOMINAL LENGTH	
4	4'
8	8'

EXAMPLE: L70/840			
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	WATTAGE
4'			
L35	3,500	827 = 82 CRI, 2700K	28
L55	5,500	830 = 82 CRI, 3000K 835 = 82 CRI, 3500K	47
8'			
L70	7,000	840 = 82 CRI, 4000K	55
L110	11,000	850 = 82 CRI, 5000K	95

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

DISTRIBUTION	
N	Narrow

OPTIONS	
EM/10W (L__)	10-watt emergency LED battery (120V-277V only) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package. Example: 9,000 nominal lumens = GA-8-L110/840-(L90)
SS-12	Single stem and canopy, 12"
SWS-12	Swivel stem and canopy, 12"
320	1-1/2" ceiling spacer
GAT	GAT fastener (T-bar clip)
VBY	(2) Y-hangers
VBY-2	(2) Y-hangers and (2) 2' chains
C2_	Two-circuit quick-connect wiring harness. Extended inner row aligner provided with C2 option, see back for details. See Technical Info for complete quick-connect offering.

OCCUPANCY SENSORS
See [Technical Info](#) for occupancy sensor options

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

- ▶ Classic strip style for easy installation.
- ▶ Innovative optics provide even illumination from floor to ceiling.
- ▶ Optional energy-saving occupancy sensors available, see [Technical Info](#).
- ▶ Mounting options include stem, chain, or surface.
- ▶ Extended inner row aligner insures straight rows with single hanging point at each intersection, when specified with C2 option.
- ▶ This fixture is proudly made in the USA.



SPECIFICATIONS

Housing – 22-gauge die-formed C.R.S.
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.

Mounting – Stem, chain, or surface with extended fixture to fixture row aligner.

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

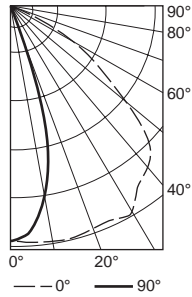
Warranty – 5-year limited warranty, see www.hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

PHOTOMETRY

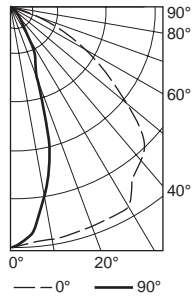
GA-8-L70/840 Report #: 19576.0; 10/26/16 | Total Luminaire Output: 6982 lumens; 55 Watts
 Efficacy: 126.9 lm/W | 84.9 CRI; 4050K CCT | IES Spacing Criteria: End: 1.5, Across: .6, Diagonal: .7



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
	0	6971	6971	6971	
5	7029	6886	6756	656.8	
15	7128	5512	4412	1597.3	
25	7016	2393	1167	1488.4	
35	6621	826	480	1160.4	
45	5876	404	278	907.7	
55	3438	193	153	587.0	
65	1508	108	108	291.8	
75	444	94	117	159.7	
85	54	90	126	106.5	
90		4	54	85	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	3743	53.6
	0 - 40	4903	70.2
	0 - 60	6398	91.6
	0 - 90	6956	99.6
	0 - 180	6982	100.0

GA-8-L110/840 Report #: 19575.0; 10/26/16 | Total Luminaire Output: 11280 lumens; 94.5 Watts
 Efficacy: 119.3 lm/W | 84.8 CRI; 4066K CCT | IES Spacing Criteria: End: 1.4, Across: .6, Diagonal: .7



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
	0	11294	11294	11294	
5	11099	10895	10696	1039.8	
15	10999	8608	6858	2489.5	
25	10900	4306	2426	2502.0	
35	9830	1490	866	1866.6	
45	8695	715	490	1444.3	
55	5212	342	273	935.7	
65	2456	186	191	488.6	
75	745	165	208	271.5	
85	104	165	221	189.7	
90		9	108	160	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	6031	53.5
	0 - 40	7898	70.0
	0 - 60	10278	91.1
	0 - 90	11228	99.5
	0 - 180	11280	100.0

FIXTURE PERFORMANCE DATA

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4'			
L35	3491	28	127
L55	5640	47	119
8'			
L70	6982	55	127
L110	11280	95	119

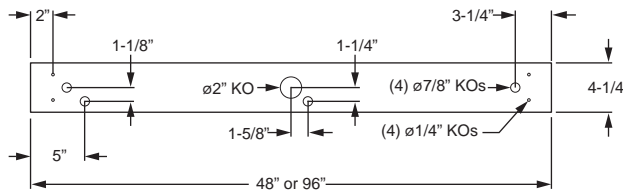
MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
2700K/80CRI	0.94
3000K/80CRI	0.96
3500K/80CRI	0.97
4000K/80CRI	1.00
5000K/80CRI	1.03

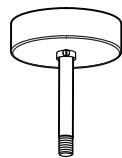
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

FIXTURE DETAILS

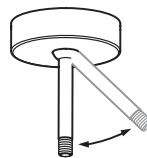
BACK VIEW



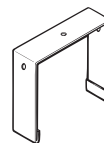
MOUNTING OPTIONS



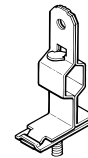
SS-12



SWS-12



320



GAT



VBY or VBY-2

EXTENDED INNER ROW ALIGNER

Provided when specified with C2 option.

