

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal where high brightness and good illumination levels are required such as retail, light industrial and warehouses.

Attributes: Available in one lamp or two lamp configuration.

CONSTRUCTION — Heavy-duty channel, die-formed from code-gauge steel.

Sturdy channel cover secured by captive quarter-turn latch for easy access to wireway.

Combination endplate/channel connector furnished with each fixture.

Finish: Five-stage iron phosphate pretreatment ensures superior paint adhesion and rust resistance. Painted parts finished with high-gloss, baked white enamel.

ELECTRICAL — Thermally protected, resetting, Class P, UL Listed and CSA Certified ballast is standard. Sound rating depends on lamp/ballast combination.

AWM, TFN, THHN wire throughout, rated for required temperatures.

INSTALLATION — For unit or row installations, surface or suspended mounting.

LISTINGS — UL listed to US and Canadian safety standards. Optional: Mexico NOM.

Damp location listed.

Listed for 25 degree C ambient temperature.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Catalog
Number

Notes

Type

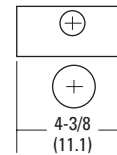


General-Purpose Strip

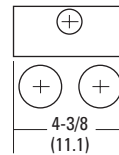
2', 3', 4', 6' and 8' length
1 or 2 lamps

Specifications

Length:	24" (61.0)
	36" (91.4)
	48" (121.9)
	72" (182.9)
	96" (243.8)
Width:	4-3/8" (11.1)
Fixture Depth:	2-1/16" (5.2)



2-1/16
(5.2)



2-1/16
(5.2)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: C 2 32 MVOLT GEB10IS

Series	Number of lamps	Lamp type				Voltage
C General-purpose strip For tandem double length unit, add prefix T. Example: TC	1 2 lamp not included	<u>T8</u> 17 17W T8 (24") 25 25W T8 (36") 32 32W T8 (48") 96T8 59W T8 slimline (96")	<u>T12 Slimline</u> 36 30W slimline (36") 48 38W slimline (48") 72 55W slimline (72") 96 75W slimline (96")	<u>H0</u> 24H0 35W T12 800mA (24") ¹ 36H0 45W T12 800mA (36") ¹ 48H0 60W 800mA (48") 72H0 85W 800mA (72") 96H0 110W 800mA (96") 96T8H0 86W 380mA (96")		MVOLT ² 120 277 347 Others available

Options

GEB Electronic ballasts, ≤20%THD ⁴	EL Emergency battery pack (nominal 300 lumens) ⁶
GEB10IS Electronic ballasts, ≤10%THD, instant start ²	GLR Internal fast-blow fuse (add X for external) ⁶
GEB10RS Electronic ballast, ≤10%THD, rapid start ³	GMF Internal slow-blow fuse (add X for external) ⁶
GEB10PS Electronic ballast, ≤10%THD, programmed start	PLR_ Plug-in wiring; specify 1, 2, or 3 branch circuits and hot wires (A = Black, B = Red, C = Blue, AB or AC)
BILP High-efficiency ballast, .78bf (low), instant start	TILW Tandem in-line wiring
BINP T8 high-performance ballast, .88bf (normal), instant start	CSA CSA Certified (only required for 347V)
BIHP T8 high-performance ballast, 1.20bf (high), instant start	NOM NOM Certified
1/4 One four-lamp ballast ⁵	AL Aluminum housing; white enamel finish

Accessories: Order as separate catalog number.

SQ_ Swivel stem hanger (specify length in 2" increments)	HRC1° Hooker T-bar hanger (1-1/2" from ceiling)
1B Ceiling spacer (adjusts from 1-1/2" to 2-1/2" from ceiling)	WGCSMR48 Wireguard, 4' white for symmetric reflector ⁷
CONLGC 12" screw-on channel connector	WGCSR48 Wireguard, 4' white for asymmetric reflector ⁷
WGCUN NST Wireguard, 4' white ⁷	CSMR 48 Symmetric reflector, 4' white, 7" aperture ⁷
HC36 Chain hangers (1 pair, 36" long)	CASR 48 Asymmetric reflector, 4' white, 5-3/4" wide ⁷
HRC° Hooker T-bar hanger (flush to ceiling)	

Notes

- Only available with AL option.
- MVOLT standard for 120-277V applications, 50-60 mhz operation. Some options require voltage specified.
- 347V, slimline lamps only.
- Slimline and H0 lamps only.
- Not available in slimline.
- Specify voltage.
- Order two for 8' fixtures.

C General-Purpose Strip

MOUNTING DATA

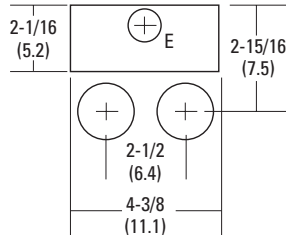
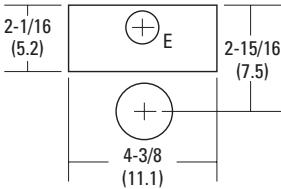
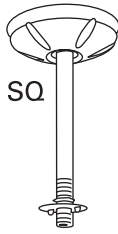
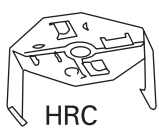
For unit or row installation, surface or suspended mounting.

Unit installation — Minimum of two hangers required.

Row installation — Two hangers per channel required one per fixture plus one per row of CONLGC installed.

Hooker® (HRC) and (HC) Hangers - minimum two per channel (unit and row).

See ACCESSORIES below for hanging devices.



D = 11/16 (17) Dia.K.O.

E = 7/8 (22) Dia.K.O.

F = 1-1/4 (32) Dia.K.O.

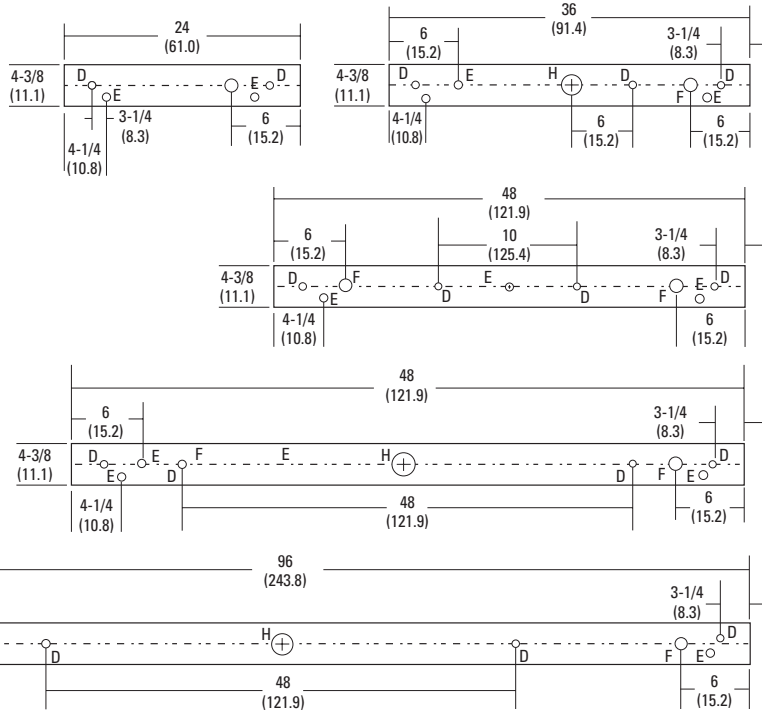
H = 2 (51) Dia.K.O.

DIMENSIONS

All dimensions in inches (centimeters) unless otherwise specified. Subject to change without notice.

48", 72", and 96" have only two 7/8" K.O.'s 6" from each end.

24" and 36" have only two 7/8" K.O.'s 3-1/4" from each end.



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Floor reflectances are 20%. Lamp configurations shown are typical.

All data based on 25°C. Full photometric data on these and other configurations available upon request.

C 2 32

TEST NO: LTL 5181

LUMENS PER LAMP: 2900

Coefficients of Utilization												
RCR	pf pc pw	80%			70%			50%				
		50%	30%	10%	50%	30%	10%	50%	30%	10%		
0	106	106	106	102	102	102	93	93	93			
1	89	84	79	85	80	76	78	74	71			
2	76	68	62	72	66	60	66	61	56			
3	65	57	50	62	55	49	57	51	45			
4	57	48	42	55	47	40	50	43	38			
5	51	42	35	48	40	34	44	37	32			
6	45	36	30	43	35	29	40	33	28			
7	41	32	26	39	31	25	36	29	24			
8	37	29	23	35	28	22	33	26	21			
9	34	26	20	32	25	20	30	23	19			
10	31	23	18	30	23	18	28	21	17			

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	842.1	14.5	15.6
0° - 40°	1435.8	24.8	26.7
0° - 60°	2810.1	48.4	52.2
0° - 90°	4362.5	75.2	81.0
90° - 180°	1021.0	17.6	19.0
0° - 180°	5383.6	92.8	100.0

C 2 96

TEST NO: LTL 18310

LUMENS PER LAMP: 6300

Coefficients of Utilization												
RCR	pf pc pw	80%			70%			50%				
		50%	30%	10%	50%	30%	10%	50%	30%	10%		
0		103	103	103	98	98	98	90	90	90		
1		86	82	78	82	78	74	75	72	69		
2		74	67	61	70	64	59	64	59	55		
3		64	56	49	61	54	48	56	49	44		
4		56	47	41	53	46	40	49	42	37		
5		49	41	35	47	39	34	43	37	31		
6		44	36	30	42	34	29	39	32	27		
7		40	32	26	38	30	25	35	28	24		
8		36	28	23	35	27	22	32	25	21		
9		33	25	20	32	25	20	29	23	19		
10		30	23	18	29	22	18	27	21	17		

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	1785.8	14.2	15.7
0° - 40°	3042.4	24.1	26.8
0° - 60°	5944.0	47.2	52.3
0° - 90°	9027.5	71.6	79.4
90° - 180°	2341.8	18.6	20.6
0° - 180°	11369.4	90.2	100.0

Energy (Calculated in accordance with NEMA standard LE-5)					
LER.FL	ANNUAL ENERGY COST*	LAMP DESCRIPTION	LAMP LUMENS	BALLST FACTOR	WATTS
86.2	\$2.79	(2) T8 F32	2900	.88	55
*Comparative yearly lighting energy cost per 1000 lumens.					

Energy (Calculated in accordance with NEMA standard LE-5)						
ORDERING INFORMATION	LER.FL	ANNUAL ENERGY COST*	LAMP DESCRIPTION	LAMP LUMENS	BALLAST FACTOR	WATTS
C 2 32 MVOLT GEB10IS	77.6	\$3.09	F32T8/735	2800	.88	59
C 2 32 MVOLT BILP	93.6	\$2.56	F32T8/835/HT8	3100	.78	48
*Comparative yearly lighting energy cost per 1000 lumens.						