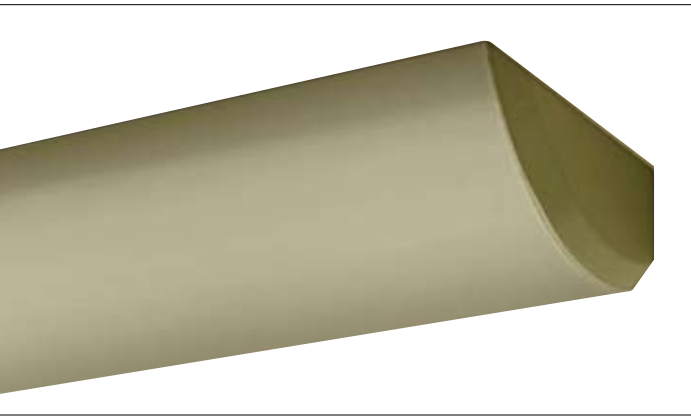


CHOICES WALL MOUNT

SPECIFICATIONS



Housing: Extruded aluminum in lengths up to 12 feet. Rows of more than 12 feet are joined internally with no visible fasteners.

Reflector: One-piece specular aluminum.

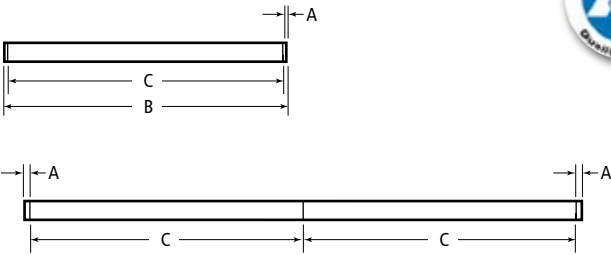
Shielding: Choice of open top or acrylic lens.

Mounting: Wall mount only.

Electrical: Instant start, normal light output, high power factor, sound rated A electric ballast is standard. One-lamp ballast is 0.90 ballast factor, two and four-lamp ballasts are 0.88 ballast factor for 120 and 277 volt. One-lamp ballast is 1.17 ballast factor and two-lamp ballast is 0.92 ballast factor for 347 volt.

Finish: Semi-gloss white powder coat paint is standard. Choose from a variety of standard colors on our color chart. Custom colors are available.

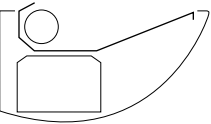
Certification: UL and CUL listed. IBEW labeled



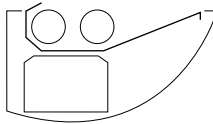
Choices Wall Mount

	A	B	C
4'	1 1/2" 13	51 1/2" 1307	50 1/2" 1282
8'	1 1/2" 13	99 3/8" 2522	98 3/8" 2497
12'	1 1/2" 13	147 1/4" 3737	146 1/4" 3712

LAMP CONFIGURATIONS

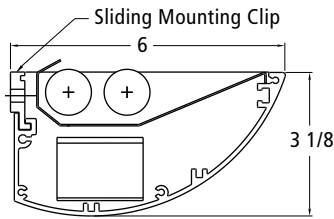


CHA81-1

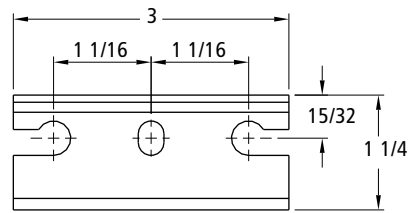


CHA81-2

DIMENSIONS



MOUNTING DETAILS



Sliding Mounting Clip

EXAMPLE

series	# of lamps	lamp type	shielding	mounting	length	finish	voltage	options
CHA81	2	T8	O	WM	8	SGW	120	GLR
CHA81	1 2	T8	O-open L-clear acrylic dust cover	WM-wall mount	4' 8' 12'	SGW-semi-gloss white (refer to color chart in Product Selection Guide for other standard colors) CC-custom color	120 277 Dual 347	GLR-GLR fuse and HLR holder GMF-GMF slow blow fuse and holder EM1-B70A or equal EM2-B50 or equal EM3-B100 or equal EM4-B60 or equal DIM1-Advance Mark VII dimming DIM2-Advance Mark X dimming DIM3-Lutron ECO-10 dimming ballast DIM4-Lutron Hi-Lume dimming ballast DIM5-Lutron ECO-10 TVE dimming ballast DIM6-Lutron Tu-Wire dimming ballast (for 32W, 120-volt only)

Due to a program of continuous improvement, LAM Lighting reserves the right to make any variation in design or construction to the equipment described.

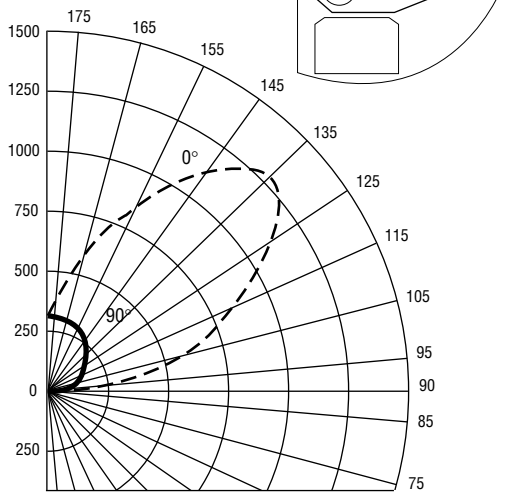
ORDER

project name: _____ type: _____ quantity: _____

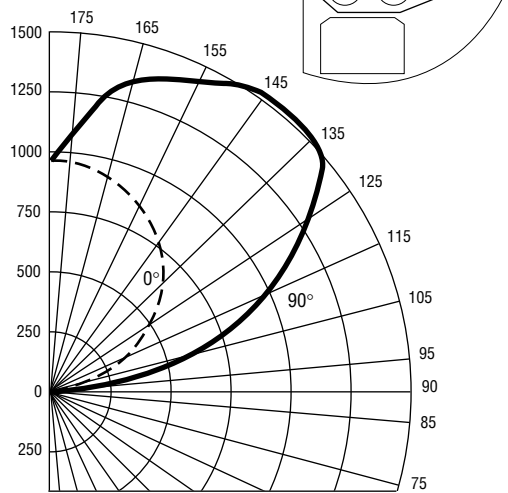
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PHOTOMETRICS

CHA81-1-O-WM



CHA81-2-O-WM



CANDELA DISTRIBUTION

	0	45	90	135	180
180°	322	322	322	322	322
175°	375	360	320	300	294
165°	585	500	310	251	226
155°	832	656	284	193	164
145°	1111	823	251	138	103
135°	1274	970	202	81	46
125°	1113	982	161	36	13
115°	816	808	110	1	0
105°	543	486	58	0	0
95°	221	177	16	0	0
90°	120	79	0	0	0

CANDELA DISTRIBUTION

	0	45	90	135	180
180°	965	965	965	965	965
175°	1087	1052	955	941	946
165°	1359	1267	926	933	922
155°	1447	1352	854	833	805
145°	1520	1345	757	711	691
135°	1513	1287	610	563	543
125°	1268	1163	489	422	377
115°	992	919	329	262	198
105°	585	575	181	99	58
95°	260	211	48	11	0
90°	137	91	11	1	0

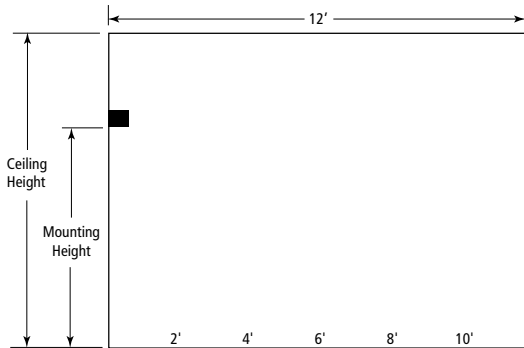
ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture Output	% Lamp Output
0-90°	10	0.5	0.3
90-180°	1994	99.5	68.8
0-180°	2004	100.0	69.0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture Output	% Lamp Output
0-90°	12	0.3	0.2
90-180°	3798	99.7	65.5
0-180°	3810	100.0	65.7

APPLICATION DATA



CH811-T8-O-WL-4, 1-Lamp, F32T8, 2950 lumens per lamp, 0.77 LLF, 0.90 Ballast Factor

POWER DENSITY IS 0.4 WATTS PER SQUARE FOOT

Ceiling Height	Mounting Height	Distance from Wall					Fixture Spacing: 6'	
		2'	4'	6'	8'	10'	Floor Average	Adjacent Wall Average
9'	8'	11	10	9	7	6	8	7
10'	8'	10	10	10	8	7	8	6
10'	9'	9	9	8	7	6	7	5

Reflectance: 80/50/20

Light Loss Factor - 0.95 room depreciation, 0.95 fixture depreciation, 0.95 lamp depreciation, 0.90 ballast factor = .77 total LLF