



INDIRECT

Cûrv

WALL MOUNT

TYPE

Project: _____

Location: _____

CONSTRUCTION

The Cûrv is constructed of heavy 20-gauge perforated or solid steel with a 6¼" x 2½" profile. Perforated sections include a hole pattern that measures .0625" in diameter, provides 23% opening per square inch (refer to the TID sheet for an illustration), and has a white acrylic diffuser overlay.

Fixtures are available with one or two T5, T5 HO, or T8 lamps. The housing is designed to wrap around the inner die cast plate and secure on top with concealed screws to ensure housing tolerances are consistent. Die cast aluminum endcaps and inner end plates have a tongue and groove connection eliminating the possibility of light leak and ensuring straight rows.

FINISH

The housing and all painted parts are treated with a multi-stage phosphate bonding process before being finished. Parts are then finished with a white RAL powder coat finish for maximum consistent coverage and longevity.

MOUNTING

The Cûrv mounts directly to and is flush with the wall. A 1¼" x 3" cutout is provided in the unit to mount to a junction box. A cover plate is used to cover the exposed junction box. Keyhole slots on the back of the unit provide additional support. Consult the Installation Sheet for exact dimensions and location of holes and slots.

LABELS AND ELECTRICAL

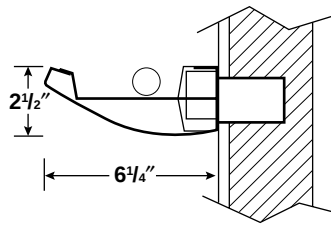
All fixtures bear appropriate UL or CSA labels. Fixtures are prewired with electronic T5, T5 HO, or T8 ballasts and are available in 120, 277, or 347 volt. All fixtures are wired for single circuit operation, but left/right circuits can be added as an option.

Dimensions and specifications subject to change without notice.

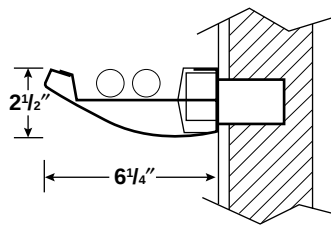
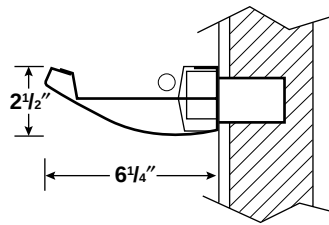
CROSS SECTIONS

T8

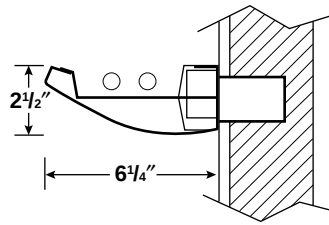
T5, T5 HO



One Lamp



Two Lamps



ORDERING INFORMATION

Model

CV - Cûrv

Lamp Type & Profile

1T5 - One T5 Lamp
2T5 - Two T5 Lamps
1T5HO - One T5 HO Lamp
2T5HO - Two T5 HO Lamps
1T8 - One T8 Lamp
2T8 - Two T8 Lamps

Housing Type

PERF - Perforated
S - Solid

Mounting Method

WM - Wall Mount

Voltage

120 - 120V
277 - 277V
347 - 347V

Ballast Type

EB5 - Electronic T5
EB8 - Electronic T8
EB8LH - Electronic T8,
<10% THD

Unless specified, Alera will use fewest ballasts possible.

Fixture Length

4 - 4'
8 - 8'

Finish

MW - Matte White (Std.)
See MTX-1 for other color selections.

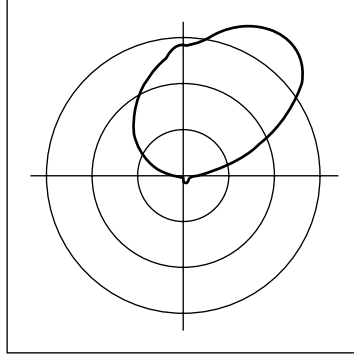
Options

WR - White Reflector
HRF - High Efficiency Reflector
SCE - Shallow Cûrv End Cap
BN - Bull Nose End Cap
DL - Damp Label
L/R - Left/Right Switching
EL - Emergency Battery Pack
CSA - Approved, Canadian Standards Association

ONE LAMP - T8

Cat. No.: CV-1T8-P-WM-EB8-HRF
Lamps: One F32T8
Ballasts: REL1P32SC
Test No.: 13103
Efficiency: 86.1

Candela Curve (90° Plane)



CANDLEPOWER			
Deg.	Parl.	45°	Norm.
0	10	10	10
5	10	10	10
15	9	11	12
25	8	11	13
35	7	11	17
45	5	14	19
55	3	14	17
65	2	12	13
75	1	7	9
85	1	4	5
90	1	2	3
95	43	67	71
105	197	290	262
115	319	419	553
125	401	473	720
135	448	515	789
145	486	535	783
155	502	535	711
165	503	518	622
175	489	491	511
180	488	488	488

ENERGY DATA
Energy Cost: \$3.64* LER: 66
Input Watts: 38 BF: 1.00
*Comparative annual lighting
energy cost per 1000 lumens based
on 3000 hours and \$0.08 per KWH.

COEFFICIENTS OF UTILIZATION												Effective Floor Cavity Reflectance = 0.20			
RC RW	80					70					50				0
	70	50	30	10	70	50	30	10	50	30	10	0			
1	75	71	68	65	64	61	59	57	42	41	39	1			
2	68	62	57	53	58	53	50	46	37	35	33	1			
3	62	55	49	44	53	47	42	38	32	30	27	1			
4	57	48	42	37	48	41	36	32	29	25	23	1			
5	52	42	36	31	44	37	31	27	25	22	19	0			
6	47	38	31	27	40	33	27	23	23	19	17	0			
7	43	34	27	23	37	29	24	20	20	17	14	0			
8	40	30	24	20	34	26	21	17	18	15	12	0			
9	37	27	21	17	32	24	19	15	17	13	11	0			
10	34	25	19	15	29	21	17	13	15	12	10	0			

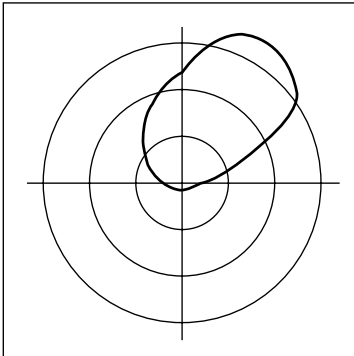
ZONAL SUMMARY			
Zone	Lumens	Lamp	Fixture
0-30	7	0.3	0.3
0-40	13	0.4	0.5
0-60	27	0.9	1.1
0-90	42	1.5	1.7
90-120	788	27.2	31.5
90-130	1235	42.6	49.5
90-150	2002	69.0	80.2
90-180	2455	84.7	98.3
0-180	2497	86.1	100.0

LUMINANCE SUMMARY Footlamberts			
Degree	Parl.	45°	Norm.
55	34	148	178
60	28	162	183
65	25	167	184
70	31	165	196
75	20	164	205
80	20	203	224
85	40	283	324

TWO LAMP - T8

Cat. No.: CV-2T8-P-WM-EB8-HRF
Lamps: Two F32T8
Ballasts: REL2P32SC
Test No.: 13104
Efficiency: 81.9

Candela Curve (90° Plane)



CANDLEPOWER			
Deg.	Parl.	45°	Norm.
0	38	38	38
5	38	40	40
15	35	44	46
25	31	44	50
35	26	42	54
45	19	42	56
55	12	40	50
65	8	32	39
75	4	20	27
85	2	11	15
90	2	8	10
95	56	97	99
105	252	395	344
115	462	794	753
125	660	1104	1134
135	839	1272	1390
145	988	1326	1485
155	1104	1351	1443
165	1185	1305	1358
175	1227	1245	1236
180	1228	1228	1228

ENERGY DATA
Energy Cost: \$2.96* LER: 81
Input Watts: 59 BF: 1.00
*Comparative annual lighting
energy cost per 1000 lumens based
on 3000 hours and \$0.08 per KWH.

COEFFICIENTS OF UTILIZATION												Effective Floor Cavity Reflectance = 0.20			
RC RW	80					70					50				0
	70	50	30	10		70	50	30	10		50	30	10	0	
1	71	68	65	62		61	59	56	54		41	39	38	2	
2	65	59	55	51		56	51	47	44		36	33	31	1	
3	59	52	47	42		51	45	40	37		31	28	26	1	
4	54	46	40	35		46	40	35	31		28	25	22	1	
5	49	41	34	30		42	35	30	26		24	21	19	1	
6	45	36	30	26		39	31	26	22		22	19	16	1	
7	41	32	26	22		35	28	23	19		20	16	14	1	
8	38	29	23	19		33	25	20	17		18	14	12	1	
9	35	26	20	17		30	23	18	15		16	13	10	0	
10	33	24	18	15		28	21	16	13		14	11	9	0	

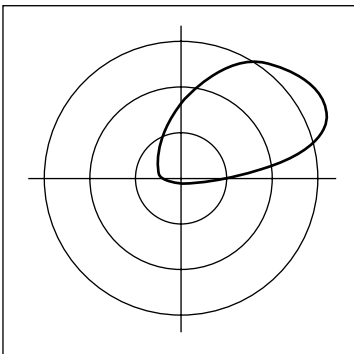
ZONAL SUMMARY			
Zone	Lumens	Lamp	Fixture
0-30	29	0.5	0.6
0-40	48	0.8	1.0
0-60	90	1.6	1.9
0-90	132	2.3	2.8
90-120	1106	19.1	23.3
90-130	1930	33.3	40.6
90-150	3557	61.3	74.9
90-180	4619	79.6	97.2
0-180	4751	81.9	100.0

LUMINANCE SUMMARY Footlamberts			
Degree	Parl.	45°	Norm.
55	119	410	517
60	108	433	527
65	106	445	545
70	89	440	564
75	91	454	618
80	68	515	704
85	135	756	1026

ONE LAMP - T5 HO

Cat. No.: CV-1T5HO-P-WM-EB5-WR
Lamps: One F54T5
Ballasts: ICN2S54SC
Test No.: 13174
Efficiency: 72.9

Candela Curve (90° Plane)



CANDLEPOWER			
Deg.	Parl.	45°	Norm.
0	9	9	9
5	9	9	9
15	8	10	11
25	7	10	11
35	6	10	11
45	4	8	11
55	2	7	9
65	1	5	16
75	0	19	28
85	0	16	13
90	1	13	62
95	34	357	299
105	142	866	998
115	254	997	1267
125	360	1019	1302
135	454	1020	1252
145	532	985	1174
155	592	915	1052
165	633	821	894
175	655	717	731
180	658	658	658

ENERGY DATA
Energy Cost: \$4.44* LER: 54
Input Watts: 60 BF: 1.00
*Comparative annual lighting
energy cost per 1000 lumens based
on 3000 hours and \$0.08 per KWH.

COEFFICIENTS OF UTILIZATION												Effective Floor Cavity Reflectance = 0.20				
RC RW	80					70					50					0
	70	50	30	10		70	50	30	10		50	30	10	0		
1	63	60	58	55		54	52	50	48		36	34	33	1		
2	57	53	48	45		49	45	42	39		31	29	27	0		
3	52	46	41	37		45	40	36	32		27	25	23	0		
4	48	41	35	31		41	35	31	27		24	21	19	0		
5	44	36	30	26		37	31	26	23		21	19	16	0		
6	40	32	26	23		34	27	23	20		19	16	14	0		
7	37	29	23	19		31	25	20	17		17	14	12	0		
8	34	26	20	17		29	22	18	15		15	13	10	0		
9	31	23	18	15		27	20	16	13		14	11	9	0		
10	29	21	16	13		25	18	14	11		13	10	8	0		

ZONAL SUMMARY			
Zone	Lumens	Lamp	Fixture
0-30	7	0.2	0.2
0-40	11	0.3	0.3
0-60	19	0.4	0.6
0-90	45	1.0	1.4
90-120	1188	27.0	37.0
90-130	1721	39.1	53.7
90-150	2609	59.3	81.4
90-180	3162	71.9	98.6
0-180	3207	72.9	100.0

LUMINANCE SUMMARY Footlamberts			
Degree	Parl.	45°	Norm.
55	25	73	94
60	25	67	91
65	20	69	216
70	12	109	413
75	8	434	627
80	0	886	742
85	24	1097	859