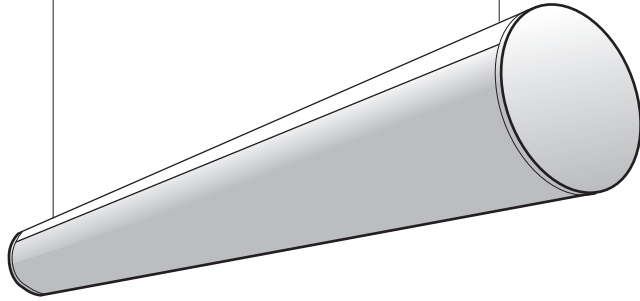




# IT6

TYPE

## 6" TUBE - INDIRECT DISTRIBUTION



Project: \_\_\_\_\_

Location: \_\_\_\_\_

### CONSTRUCTION

IT6 housing is constructed of .115" thick extruded aluminum. Endcaps are welded onto the housing. The seam is sanded then puttied before being painted. This provides a seamless appearance with the endcap appearing to be part of the housing. Internal components of the fixture are constructed of steel and attached so no fasteners are exposed. Internal components are painted gloss white after they are fabricated.

### FINISH

Housing and endcaps are painted matte white as standard with a powder coat system for maximum coverage. Fixtures are treated with a five stage phosphate bonding process before being painted. Optional RAL colors are available. Consult MTX-1 in the options section of the Alera binder for other available finishes.

### SHIELDING

The IT6 is available with a clear prismatic lens, opal prismatic lens (contact factory), white cross baffle or unshielded. All shielding options lift and shift into the fixture.

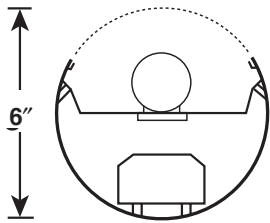
### MOUNTING

IT6 can be cable, stem, or wall mounted with a bracket. Wall brackets are shipped separately. For specific spacing dimensions of the mounting points consult the TID installation sheet. Patterns are also available with diecast corners available in 90 degree, 135 degree, "T" and "XT" configurations (contact factory).

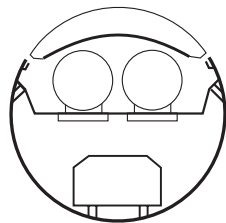
### LABELS AND ELECTRICAL

All fixtures bear appropriate UL or CSA labels. Fixtures are wired with electronic ballasts as standard in 120, 277, or 347 volt. Intermediate fixtures, mounted in row or in patterns are furnished with through circuit wiring.

CROSS SECTIONS



1-L Uplight,  
Prismatic Lens  
1U



2-L Uplight,  
White Cross Baffle  
2U

Dimensions and specifications subject to change without notice.

ORDERING INFORMATION

#### Model

IT6 - 6" Diameter Tube

#### Row Length

Specify entire row

#### Lamp Profile & Distribution

1U - 1 Uplight  
2U - 2 Uplight

#### Lamp Type

T8 - T8  
T5 - T5  
T5HO - T5HO

#### Suspension Length

18 - 18"  
24 - 24"  
48 - 48"  
NA - Not Applicable (Wall mount)  
Other lengths are available on request.

#### Uplight Shielding

CLA - Clear Prismatic Acrylic Lens  
OL - Opal Prismatic Acrylic Lens (Contact factory)  
WCB - White Cross Baffle  
U - Unshielded

#### Mounting Method

CM - Adjustable Aircraft Cable  
PM - Pendant Mount  
WM - Wall Mount  
See HGR-1 for other hanging methods.

#### Voltage

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

#### Housing Finish

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

#### Ballast Type

E - Electronic, Instant Start (Standard for T8)  
EP - Electronic, Programmed Start (Standard for T5 & T5HO, optional for T8)  
Unless specified, Alera will use fewest ballasts possible.

#### Fixture Length

Single or Row Individual Lengths.  
Note: Fixtures in rows are modular and will be identified as components within the row by their individual lengths.  
Lengths for this product are:  
4 = 4'  
8 = 8'  
12 = 12'  
(Longer than 12' contact factory)

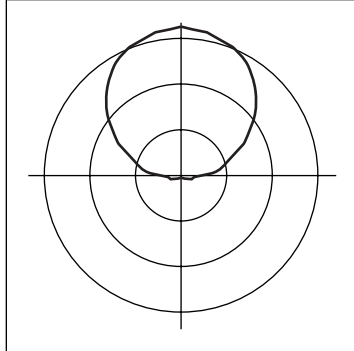
#### Options

DL - Damp Label  
GLR - Fast Blow Fuse  
GMF - Slow Blow Fuse  
EL - Emergency Battery Pack  
CSA - UL listed or CSA certified for Canada  
TBAR - T-Bar Mounting  
LR - Left/Right Switching\*  
\*Switching configuration must be provided.

**TWO LAMP UPLIGHT, CLEAR ACRYLIC PRISMATIC LENS**

Cat. No.: IT6-2UT8-CLA-E120-4  
 Lamps: F032  
 Test No.: 10437  
 Efficiency: 62.9%  
 Max Candela: 1241 @ 180°

Candela Curve (90° Plane)



**CANDLEPOWER**

Deg.	Parl.	45°	Norm.
0	0	0	0
5	0	0	0
15	0	0	0
25	0	0	0
35	0	0	0
45	0	1	3
55	0	4	5
65	0	6	14
75	0	24	42
85	0	76	105
90	1	113	155
95	12	158	209
105	102	275	337
115	278	431	492
125	511	618	672
135	741	806	846
145	935	979	1002
155	1082	1105	1121
165	1180	1190	1186
175	1230	1238	1225
180	1241	1241	1241

**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	54	52	49	47	47	44	42	41	31	29	28	1
2	49	45	41	38	42	39	36	33	27	25	23	0
3	45	39	35	32	38	34	30	27	23	21	19	0
4	41	35	30	26	35	30	26	23	21	18	16	0
5	37	31	26	22	32	26	22	19	18	16	14	0
6	34	27	22	19	29	23	20	17	16	14	12	0
7	32	24	20	16	27	21	17	14	15	12	10	0
8	29	22	17	14	25	19	15	12	13	11	9	0
9	27	20	15	12	23	17	13	11	12	9	8	0
10	25	18	14	11	21	16	12	10	11	8	7	0

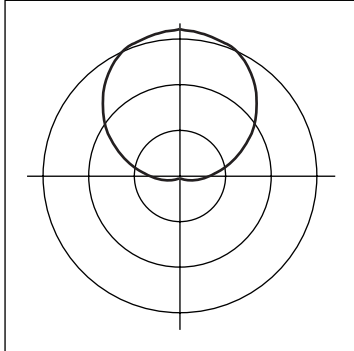
**ZONAL SUMMARY**

Zone	Lumens	Lamp	Fixture
0-60	3	.1	.1
0-90	105	1.8	2.9
90-120	820	14.1	22.5
90-130	1360	23.5	37.3
90-150	2585	44.6	70.8
90-180	3546	61.1	97.1
0-180	3651	62.9	100.0

**ONE LAMP UPLIGHT, CLEAR ACRYLIC PRISMATIC**

Cat. No.: IT6-1UT12-CLA-E120-4  
 Lamps: One F40T12/CW  
 Test No.: 0537  
 Efficiency: 63.0%  
 Max Candela: 650 @ 175°

Candela Curve (90° Plane)



**CANDLEPOWER**

Deg.	Parl.	45°	Norm.
0	0	0	0
5	0	0	0
15	0	0	0
25	0	0	0
35	0	0	0
45	0	0	0
55	0	1	1
65	0	3	7
75	0	16	24
85	0	48	63
90	0	70	90
95	7	98	122
105	51	162	202
115	139	240	293
125	271	331	386
135	401	425	466
145	502	518	541
155	576	584	599
165	625	625	627
175	650	646	643
180	648	648	648

**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	54	52	49	47	47	44	42	41	31	29	28	1
2	49	45	41	38	42	39	36	33	27	25	23	0
3	45	39	35	31	38	34	30	27	23	21	19	0
4	41	35	30	26	35	30	26	23	21	18	16	0
5	37	31	26	22	32	26	22	19	18	16	14	0
6	34	27	23	19	29	24	20	17	16	14	12	0
7	32	24	20	16	27	21	17	14	15	12	10	0
8	29	22	17	14	25	19	15	13	13	11	9	0
9	27	20	16	13	23	17	14	11	12	10	8	0
10	25	18	14	11	22	16	12	10	11	9	7	0

**ZONAL SUMMARY**

Zone	Lumens	Lamp	Fixture
0-60	1	.0	.0
0-90	60	1.9	3.0
90-120	465	14.8	23.5
90-130	760	24.1	38.3
90-150	1416	44.9	71.3
90-180	1925	61.1	97.0
0-180	1985	63.0	100.0