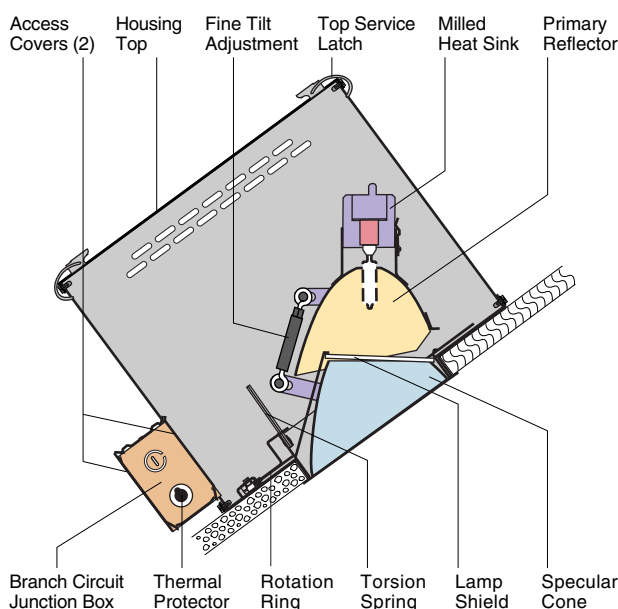
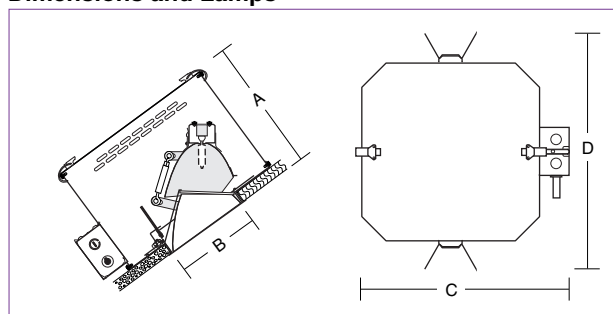


C7484



C7485

Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length	Lamps
C7484	11 1/2" 292mm	7 1/4" 184mm	17 3/4" 451mm	20 1/2" 521mm	150-250W T-4 Mini-can Frosted
C7485	14" 356mm	7 1/4" 184mm	17 3/4" 451mm	20 1/2" 521mm	400-500W T-4 Mini-can Frosted

C7484 250W
C7485 500W

Medium Beam
Sloped Ceiling Downlights 30° to 45°
T-4 Tungsten Halogen Lamps
7 1/4" Conoid Apertures

Optics and Applications

When ceiling slopes are more than 30°, special shielding cones are necessary. Kurt Versen tilted axis cones are designed for 30° to 45° slopes. They feature high performance with excellent brightness control. Use where sloped ceilings occur in churches, lobbies, auditoriums, theaters, malls, etc.

Design Features

Special tilted axis cones eliminate glare from normal viewing angles. A quick macro adjustment orients the lamp-reflector assembly to ceiling slopes from 30° to 45°. The cone rotates 360° with the lamp-reflector assembly to assure centerpoint aiming at all positions. Final adjustment is made with the threaded fine tilt turnbuckle for precise aiming. Positive locks hold all positions. Maximum ceiling thickness 7/8". Top or bottom service.

Finish

Specular clear Alzak cones are standard. Optional colors and Softglow® finishes are available. The back of each cone is painted black to prevent light leaks. Housing and structural parts are painted optical matte black. Steel parts are phosphate conditioned for corrosion resistance before painting.

General

Fixtures are pre-wired and thermally protected. They are UL and C-UL listed for eight wire 75°C branch circuit wiring. All products are union made IBEW. Suitable for damp locations.

Accessories

- B Black cone.
 - G Gold cone.
 - H Mocha cone.
 - P Graphite cone.
 - R2 26" support rails.
 - R5 52" support rails.
 - T Titanium cone.
 - W Wheat cone.
 - Y Pewter cone.
 - Z Bronze cone.
 - WT White trim flange.
- WRL Wattage restriction label, 150W or 400W only.
S Softglow® finishes: add S before color letters. e.g. SW for Softglow® wheat cone, SC for Softglow® clear cone.

Matching Units

- Downlights Pages C31, C32
- Slopes 0° to 30° Pages C33, C34, C35
- Narrow Beam 30° to 45° Page C37

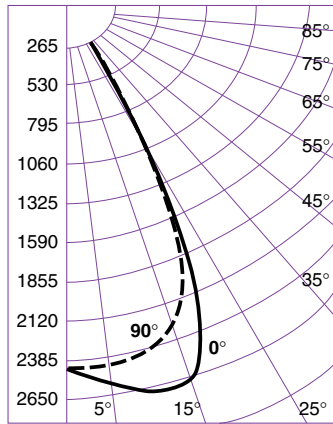
C36 C7484 C7485 Medium Beam

Footcandle Values at Nadir, Fixtures Mounted in 37° Slope

	Distance	10'			15'			20'			25'		
		Lamps	Size of Light	FC at Center	FC at Edge	Size of Light	FC at Center	FC at Edge	Size of Light	FC at Center	FC at Edge	Size of Light	FC at Center
C7484	150W T-4 MC Frosted	11' x 11'	24	2	18' x 18'	11	1	24' x 24'	6	1	30' x 30'	4	.4
C7484	250W T-4 MC Frosted	12' x 12'	45	5	19' x 19'	20	2	25' x 25'	11	1	31' x 31'	7	1

	Distance	20'			25'			30'			40'		
		Lamps	Size of Light	FC at Center	FC at Edge	Size of Light	FC at Center	FC at Edge	Size of Light	FC at Center	FC at Edge	Size of Light	FC at Center
C7485	400W T-4 MC Frosted	16' x 19'	16	2	20' x 24'	10	1	24' x 30'	7	1	32' x 40'	4	.4
C7485	500W T-4 MC Frosted	16' x 20'	21	2	20' x 25'	14	1	24' x 31'	10	1	32' x 41'	5	.5

Candlepower Distribution

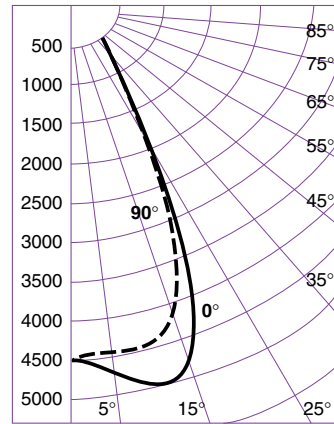


C7484 150W T-4 Frosted
Eff. 55% S/M 0° .82
S/M 90° .81

Candelas

°	0°	90°
	2700*	2700*
0	2445	2445
5	2553	2425
10	2705	2395
15	2688	2276
20	2015	1815
25	984	1115
30	337	482
35	96	165
40	28	50
45	6	9
50	4	8
55	2	4
60	0	3
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

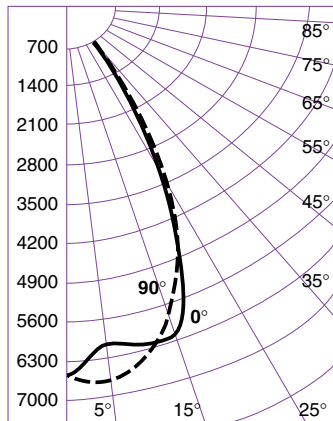
° Vertical Angles
* Initial Lamp Lumens



C7484 250W T-4 Frosted
Eff. 56% S/M 0° .81
S/M 90° .80

°	0°	90°
	4850*	4850*
0	4451	4451
5	4646	4350
10	4991	4350
15	4889	4132
20	3671	3303
25	1790	2021
30	605	877
35	172	295
40	47	89
45	10	16
50	6	6
55	5	5
60	0	0
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

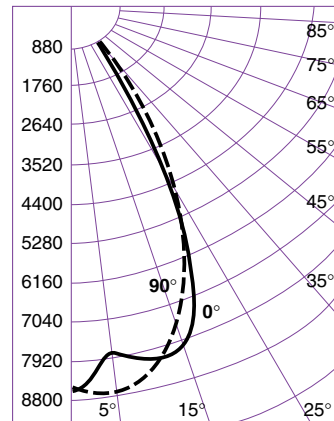
° Vertical Angles
* Initial Lamp Lumens



C7485 400W T-4 Frosted
Eff. 56% S/M 0° .81
S/M 90° .83

°	0°	90°
	7850*	7850*
0	6507	6507
5	5978	6681
10	6164	6335
15	6188	5719
20	4870	4806
25	3002	3521
30	1387	2097
35	651	879
40	264	218
45	64	23
50	17	9
55	10	6
60	0	0
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

° Vertical Angles
* Initial Lamp Lumens



C7485 500W T-4 Frosted
Eff. 57% S/M 0° .81
S/M 90° .83

°	0°	90°
	10100*	10100*
0	8562	8562
5	7866	8791
10	8110	8335
15	8142	7526
20	6408	6316
25	3950	4637
30	1825	2751
35	857	1157
40	348	287
45	84	31
50	22	13
55	13	11
60	0	0
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

° Vertical Angles
* Initial Lamp Lumens

Brightness

Number	Lamps	85°	75°	65°	55°	45°
C7484	150W T-4 Frosted	4	7	8	10	154
	250W T-4 Frosted	7	11	11	14	267
C7485	400W T-4 Frosted	12	18	20	23	440
	500W T-4 Frosted	14	22	24	28	527

Data in footlamberts at 37° slope. Photometer readings, Maximum Brightness Method. For a complete discussion refer to Z section brochure Z1.

Notes

- 1 Data with clear specular cones.
- 2 Colored cone multipliers vary with beam orientation and degree of angulation. Contact the factory for specific data.
- 3 All data derived with fixtures mounted in 37° sloped ceiling.