

6" Clear Specular HighZak Reflector

Lamp: (1)CF26DT/E/IN/830

Total Rated Lamp Lumens : 1800

Total Luminaire Efficiency : 77.5%

CIE Type: Direct

Spacing Ratio: 1.46

Report File# LL1120302B.IES

By: Light Laboratory, Inc.

LM-63-2002

LUMINANCE DATA

6" Vertical Housing : LVH6126UE

6" HighZak Reflector : LR601CCF

HOUSING	WATTAGE	LUMEN*
LVH6113	13W	900
LVH6118	18W	1200
LVH6126UE	26W	1800
LVH6132UE	32W	2400
LVH6142UE	42W	3200

* Lumens may vary upon lamp types/manufacturers.

PROJECT INFORMATION

TYPE : _____

VOLTAGE : _____

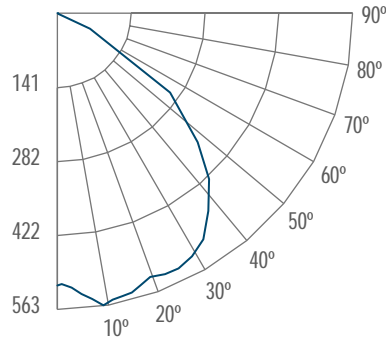
PROJECT : _____

ITEM# : _____

DATE : _____

CANDLE POWER DISTRIBUTION

DEGREES VERTICAL	AVERAGE
0	518
1	516
3	523
5	536
7	548
9	563
11	556
13	553
15	550
17	542
19.5	533
22.5	538
25.5	539
29	530
33	513
37.5	474
42.5	428
47.5	364
55	263
65	69
75	2
85	2
90	0



LUMINANCE

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	30672	30672	30672
55	25113	25113	25113
65	8942	8942	8942
75	423	423	423
85	1257	1257	1257

MULTIPLIERS**

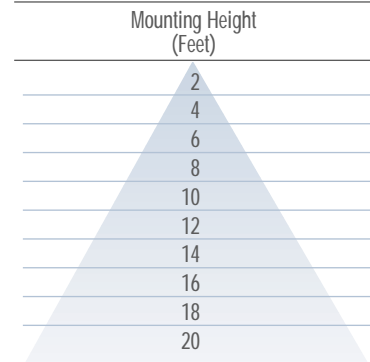
FINISHES		WATTAGES	
Gold	0.90	13W	0.50
White	0.95	18W	0.66
Black	0.70	32W	1.33
Satin Haze	0.80	42W	1.78
Copper	0.75		

** Based on Clear reflector (26W).

INITIAL FOOTCANDLES

(Beam angle : 110°)

Footcandles at center	Circle Diameter	Footcandles at edge
129.5	5.7	12.9
32.4	11.4	3.2
14.4	17.1	1.4
8.1	22.9	0.8
5.2	28.6	0.5
3.6	34.3	0.4
2.6	40.0	0.3
2.0	45.7	0.2
1.6	51.4	0.2
1.3	57.1	0.1



COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	92	92	92	92	90	90	90	90	86	86	86	82	82	82	79	79	79	77
1	85	82	79	77	83	80	78	76	77	75	73	74	73	71	72	70	69	67
2	78	73	68	64	76	71	67	63	68	65	62	66	63	60	64	61	59	57
3	72	64	58	54	70	63	58	53	61	56	52	59	55	51	57	53	51	49
4	66	57	51	46	64	56	50	46	54	49	45	52	48	44	51	47	44	42
5	61	51	45	40	59	50	44	39	49	43	39	47	42	39	46	42	38	37
6	56	46	40	35	55	45	39	35	44	38	34	43	38	34	42	37	34	32
7	52	42	35	31	51	41	35	31	40	34	30	39	34	30	38	33	30	28
8	48	38	32	27	47	38	32	27	37	31	27	36	31	27	35	30	27	25
9	45	35	29	25	44	35	29	25	34	28	24	33	28	24	32	28	24	23
10	42	32	26	22	41	32	26	22	31	26	22	30	26	22	30	25	22	21

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0 - 30	426.05	23.70	30.60
0 - 40	684.36	38.00	49.10
0 - 60	1197.69	66.50	85.90
0 - 90	1394.39	77.50	100.00
90 -120	0.00	0.00	0.00
90 -130	0.00	0.00	0.00
90 -150	0.00	0.00	0.00
90 -180	0.00	0.00	0.00
0 -180	1394.39	77.50	100.00