

6" Clear Specular HighZak Reflector

Lamp: (2)CF26DD/E/841

Total Rated Lamp Lumens : 3600

Total Luminaire Efficiency : 43.7%

CIE Type: Direct

Spacing Ratio: 1.50

Report File# LL1070307E.IES

By: Light Laboratory, Inc.

LM-63-2002

LUMINANCE DATA

6" Horizontal Housing : LFH6226UE

6" HighZak Reflector : LR661CCF

32W Applications : LR651CCF

HOUSING		WATT.	LUMEN*	
1-LAMP	2-LAMP		1-LAMP	2-LAMP
LFH6113	LFH6213	13W	900	1800
LFH6118	LFH6218	18W	1200	2400
LFH6126UE	LFH6226UE	26W	1800	3600
LFH6132UE		32W	2400	

* Lumens may vary upon lamp types/manufacturers.

PROJECT INFORMATION

TYPE :

VOLTAGE :

PROJECT :

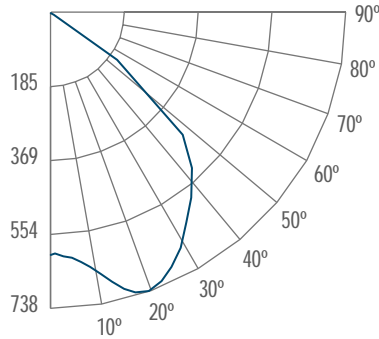
ITEM# :

DATE :

CANDLE POWER DISTRIBUTION

DEGREES
VERTICAL AVERAGE

0	605
1	602
3	610
5	615
7	628
9	643
11	666
13	691
15	715
17	731
19.5	738
22.5	726
25.5	703
29	672
33	625
37.5	581
42.5	526
47.5	450
55	203
65	9
75	4
85	3
90	0



LUMINANCE

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	37798	37798	37798
55	19384	19384	19384
65	1166	1166	1166
75	846	846	846
85	1885	1885	1885

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		

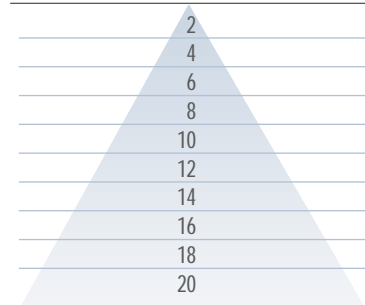
** Based on Clear reflector (26W).

INITIAL FOOTCANDLES

(Beam angle : 106°)

Footcandles at center	Circle Diameter	Footcandles at edge
151.3	5.3	15.1
37.8	10.6	3.8
16.8	15.9	1.7
9.5	21.2	0.9
6.1	26.5	0.6
4.2	31.8	0.4
3.1	37.2	0.3
2.4	42.5	0.2
1.9	47.8	0.2
1.5	53.1	0.2

Mounting Height (Feet)



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	52	52	52	52	51	51	51	51	49	49	49	47	47	47	45	45	45	44
1	49	47	45	44	47	46	45	43	44	43	42	43	42	41	41	40	40	39
2	45	42	40	37	44	41	39	37	40	38	36	38	37	35	37	36	35	34
3	41	38	35	32	40	37	34	32	36	33	31	35	32	31	33	32	30	29
4	38	34	30	28	37	33	30	28	32	29	27	31	29	27	30	28	27	26
5	35	30	27	24	35	30	27	24	29	26	24	28	26	24	27	25	23	23
6	33	27	24	21	32	27	24	21	26	23	21	26	23	21	25	23	21	20
7	30	25	21	19	30	25	21	19	24	21	19	23	21	19	23	20	19	18
8	28	23	19	17	28	23	19	17	22	19	17	21	19	17	21	19	17	16
9	27	21	18	15	26	21	18	15	20	17	15	20	17	15	19	17	15	14
10	25	19	16	14	24	19	16	14	19	16	14	18	16	14	18	15	14	13

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0 - 30	550.85	15.30	35.00
0 - 40	869.02	24.10	55.20
0 - 60	1462.46	40.60	92.90
0 - 90	1574.29	43.70	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	1574.29	43.70	100.00