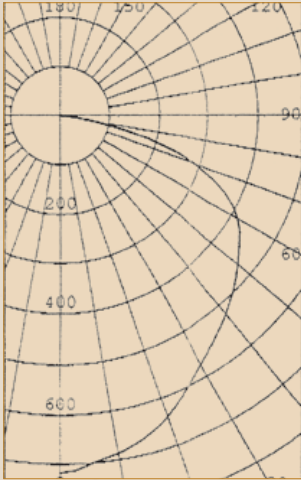


Photometrics

16" Warehouse W516



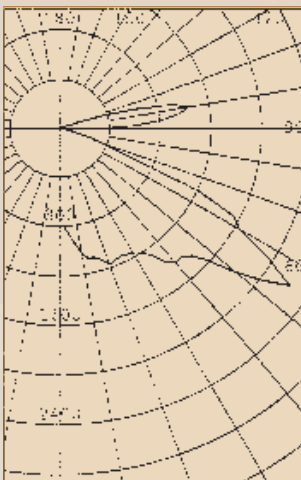
150W A-21
Lumen Rating:
2750 LMS
Efficiency:
81.1% Spac.
Crit 2.5

Angle	MeanCP	LMS
0	718	
5	702	68
15	666	187
25	605	279
35	547	342
45	496	383
55	443	396
65	368	359
75	184	192
85	18	25
90	0	

Zone	Lumens	%Lamp	%Luminaire
0-30	533	19.40	23.91
0-40	875	31.85	39.26
0-60	1654	60.18	74.71
0-90	2231	81.14	100.00
40-90	1355	49.28	60.74
60-90	576	20.96	25.83
90-180	0	.00	.00
0-180	2231	81.44	100.00

RF	80						20					
	70	50	30	10	50	30	10	50	30	10	0	
RC												
RW												
RCR												
0	.97	.97	.97	.97	.90	.90	.90	.83	.83	.83	.81	
1	.89	.85	.81	.78	.79	.77	.75	.73	.72	.70	.68	
2	.81	.74	.69	.64	.69	.65	.62	.65	.62	.59	.57	
3	.73	.65	.58	.53	.61	.56	.51	.57	.53	.50	.48	
4	.67	.57	.50	.45	.54	.48	.44	.51	.46	.43	.41	
5	.61	.51	.43	.38	.48	.42	.37	.45	.40	.36	.35	
6	.56	.45	.38	.33	.43	.37	.32	.40	.35	.31	.30	
7	.51	.40	.33	.28	.38	.32	.28	.36	.31	.27	.25	
8	.48	.36	.29	.25	.35	.29	.24	.33	.28	.24	.22	
9	.44	.33	.26	.21	.32	.25	.21	.30	.25	.21	.19	
10	.41	.30	.23	.19	.29	.23	.19	.27	.22	.18	.17	

16" Louvered Shade Wall Mount L116/WM15



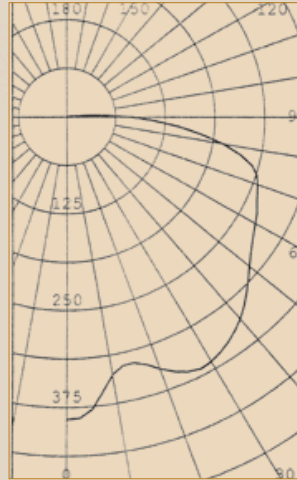
100W MH BD17
Lumen Rating:
15000 LMS
Efficiency:
50.9% Spac.
Crit 2.5

Angle	MeanCP	LMS
0	787	
5	870	90
15	1086	313
25	1147	535
35	1256	806
45	1462	1182
55	2227	1777
65	1200	1055
75	139	187
85	57	117
90	329	
95	815	828
100	1034	
105	626	668
110	177	
115	39	60
120	21	
125	26	16
130	1	
135	0	0
140	0	
145	0	0
150	0	
155	0	0
160	0	
165	0	0
170	0	
175	0	0
180	0	

Zone	Lumens	%Lamp	%Luminaire
0-30	937	6.25	12.28
0-40	1743	11.62	22.84
0-60	4701	31.35	61.60
0-90	6060	40.41	79.41
40-90	4317	28.78	56.56
60-90	1359	9.06	17.80
90-180	1572	10.48	20.60
0-180	7633	50.89	100.00

RF	80						20					
	70	50	30	10	50	30	10	50	30	10	0	
RC												
RW												
RCR												
0	.58	.58	.58	.58	.56	.56	.56	.51	.51	.51	.44	.42
1	.53	.51	.49	.47	.51	.49	.47	.44	.43	.42	.41	.40
2	.48	.44	.41	.38	.46	.42	.39	.39	.36	.34	.33	.31
3	.44	.38	.34	.31	.41	.37	.33	.34	.31	.28	.28	.25
4	.40	.33	.29	.26	.38	.32	.28	.29	.26	.23	.25	.21
5	.36	.29	.24	.21	.34	.28	.24	.26	.22	.19	.23	.17
6	.32	.25	.21	.17	.31	.24	.0	.22	.19	.16	.20	.14
7	.29	.22	.17	.14	.28	.21	.17	.19	.15	.13	.18	.11
8	.27	.19	.15	.12	.25	.19	.14	.17	.13	.11	.14	.09
9	.25	.17	.13	.10	.23	.17	.13	.15	.12	.09	.14	.08
10	.23	.16	.11	.09	.22	.15	.11	.14	.10	.08	.13	.07

18" Warehouse W518



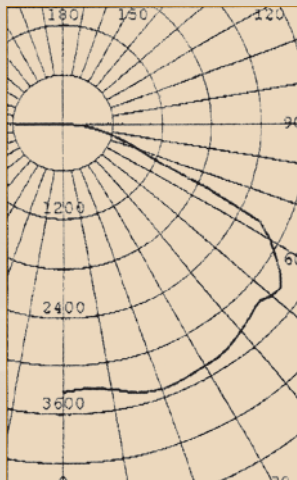
32W CPFL
Lumen Rating:
2400 LMS
Efficiency:
71.8% Spac.
Crit 1.4

Angle	MeanCP	LMS
0	390	
5	379	35
15	329	95
25	363	167
35	355	222
45	320	247
55	285	256
65	264	263
75	242	250
85	143	155
95	28	35
100	0	
110	0	0
115	0	0
120	0	0
125	0	0
130	0	0
135	0	0
140	0	0
145	0	0
150	0	0
155	0	0
160	0	0
165	0	0
170	0	0
175	0	0
180	0	0

Zone	Lumens	%Lamp	%Luminaire
0-30	296	12.36	17.20
0-40	518	21.60	30.06
0-60	1021	42.55	59.32
0-90	1688	70.36	97.95
40-90	1170	48.76	67.88
60-90	667	27.81	38.72
90-180	35	1.47	2.05
0-180	1724	71.74	100.00

RF	80						20					
	70	50	30	10	50	30	10	50	30	10	0	
RC												
RW												
RCR												
0	.85	.85	.85	.85	.83	.83	.83	.79	.79	.79	.75	.72
1	.75	.71	.67	.63	.73	.69	.65	.65	.62	.59	.62	.57
2	.67	.60	.54	.49	.65	.58	.53	.55	.51	.47	.53	.45
3	.60	.51	.45	.39	.58	.50	.44	.48	.42	.38	.45	.41
4	.55	.45	.38	.33	.53	.44	.38	.42	.36	.32	.40	.35
5	.50	.40	.33	.27	.48	.39	.32	.37	.31	.27	.36	.30
6	.46	.35	.28	.23	.44	.35	.28	.33	.27	.23	.32	.26
7	.42	.31	.25	.20	.41	.31	.24	.29	.23	.19	.28	.23
8	.39	.28	.22	.17	.38	.28	.21	.27	.21	.17	.26	.20
9	.36	.26	.19	.15	.35	.25	.19	.24	.19	.15	.23	.18
10	.33	.23	.17	.13	.33	.23	.17	.22	.16	.13	.21	.16

18" Deep Bowl D618



175W MH ED28
Lumen Rating:
16600 LMS
Efficiency:
79.7% Spac.
Crit 2.5

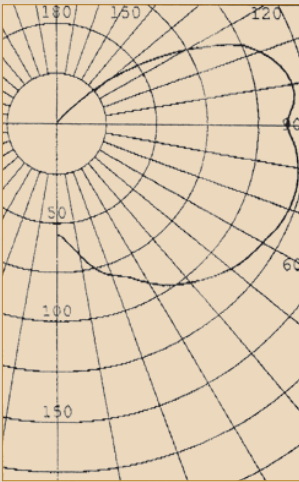
Angle	CP	LMS
0	3322	
5	3288	321
15	3452	975
25	3479	1607
35	3429	2143
45	3256	2533
55	3215	2836
65	1909	1894
75	663	711
85	181	205
90	0	

Zone	Lumens	%Lamp	%Luminaire
0-30	2903	17.49	21.96
0-40	5046	30.40	38.16
0-60	10415	62.75	78.76
0-90	13225	79.67	100.00
40-90	8178	49.27	61.84
60-90	2809	16.92	21.24
90-180	0	.00	.00
0-180	13225	79.67	100.00

RF	80						20					
	70	50	30	10	50	30	10	50	30	10	0	
RC												
RW												
RCR												
0	.95	.95	.95	.95	.89	.89	.89	.81	.81	.81	.80	
1	.87	.83	.80	.77	.78	.76	.74	.72	.71	.69	.68	
2	.80	.73	.68	.64	.69	.65	.62	.64	.61	.59	.57	
3	.72	.64	.58	.53	.61	.56	.52	.57	.53	.50	.48	
4	.66	.57	.50	.45	.54	.48	.44	.50	.46	.43	.41	
5	.60	.50	.43	.38	.48	.42	.37	.44	.40	.36	.35	
6	.55	.44	.37	.32	.42	.36	.31	.39	.35	.31	.29	
7	.50	.39	.32	.27	.37	.31	.26	.35	.30	.26	.24	
8	.46	.35	.28	.23	.33	.27	.23	.31	.26	.23	.21	
9	.43	.32	.25	.20	.30	.24	.20	.28	.23	.19	.18	
10	.39	.29	.22	.17	.27	.21	.17	.26	.21	.17	.16	

Vapor Jar w/Shade

HEICLGG/49 CF26/E16WTM



26W CPFL
Lumen Rating:
1800 LMS
Efficiency: 61.0%
Spac.Crit 2.5

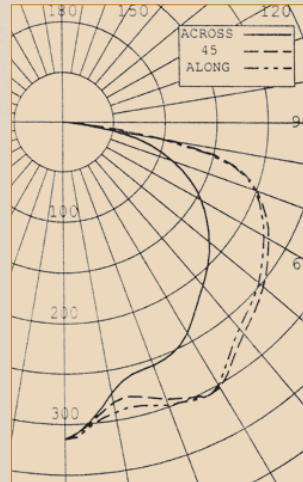
Angle	MeanCP	LMS
0	55	
5	60	6
15	76	21
25	85	40
35	99	62
45	108	84
55	116	103
65	121	119
75	123	129
85	119	129
95	118	127
105	114	120
115	95	93
125	54	49
135	15	14
145	2	2
155	0	0

Zone	Lumens	%Lamp	%Luminaire
0-30	67	3.73	6.12
0-40	129	7.17	11.74
0-60	316	17.56	28.78
0-90	693	38.54	63.14
40-90	564	31.37	51.39
60-90	377	20.97	34.36
90-180	405	22.50	36.86
0-180	1098	61.04	100.00

RF	80				70				50				30				10				0
RC																					
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	.67	.67	.67	.67	.63	.63	.63	.63	.55	.55	.55	.48	.48	.48	.42	.42	.42	.39			
1	.58	.54	.50	.47	.54	.50	.47	.44	.44	.41	.39	.37	.35	.33	.32	.30	.29	.26			
2	.52	.45	.40	.36	.48	.42	.37	.33	.36	.32	.29	.31	.28	.25	.26	.23	.21	.19			
3	.46	.39	.33	.28	.43	.36	.31	.26	.31	.26	.23	.26	.23	.20	.22	.19	.17	.14			
4	.42	.34	.28	.23	.39	.31	.26	.22	.27	.22	.19	.23	.19	.16	.19	.16	.14	.11			
5	.38	.29	.23	.19	.35	.27	.22	.18	.23	.19	.15	.20	.16	.13	.16	.14	.11	.09			
6	.35	.26	.20	.16	.32	.24	.19	.15	.21	.16	.13	.17	.14	.11	.15	.11	.09	.07			
7	.32	.23	.17	.13	.29	.21	.16	.12	.18	.14	.11	.15	.12	.09	.13	.10	.08	.06			
8	.29	.21	.15	.11	.27	.19	.14	.11	.16	.12	.09	.14	.10	.08	.12	.09	.06	.05			
9	.27	.19	.13	.10	.25	.17	.12	.09	.15	.11	.08	.13	.09	.07	.11	.08	.05	.04			
10	.25	.17	.12	.08	.23	.16	.11	.08	.14	.10	.07	.11	.08	.06	.10	.07	.05	.03			

26" Island Light

IL263



100W A-19
Lumen Rating:
1690 LMS
Efficiency:
70.9% Spac.
Crit 1.4t

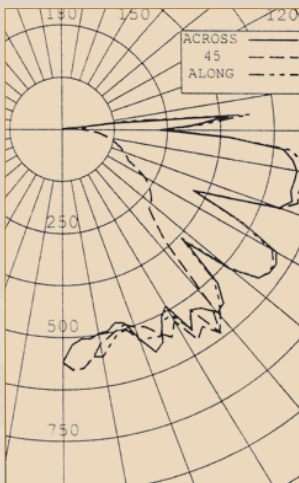
Angle	CP	LMS
0	314	
5	302	28
10	292	
15	291	79
20	298	
25	303	133
30	301	
35	281	169
40	266	
45	256	191
50	248	
55	236	204
60	225	
65	213	201
70	199	
75	173	162
80	100	
85	12	31
90	2	

Zone	Lumens	%Lamp	%Luminaire
0-30	240	14.20	20.04
0-40	408	24.18	34.12
0-60	803	47.56	67.11
0-90	1197	70.87	100.00
40-90	789	46.69	65.88
60-90	393	23.31	32.89
90-180	0	.00	.00
0-180	1197	70.87	100.00

RF	80				70				50				30				10				0
RC																					
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	.84	.84	.84	.84	.82	.82	.82	.82	.79	.79	.79	.75	.75	.75	.72	.72	.72	.71			
1	.76	.73	.69	.66	.74	.71	.68	.65	.68	.65	.63	.65	.63	.61	.62	.61	.59	.58			
2	.69	.62	.57	.52	.67	.61	.56	.52	.58	.54	.51	.56	.53	.49	.54	.51	.48	.47			
3	.62	.54	.47	.42	.60	.52	.47	.42	.50	.45	.41	.48	.44	.40	.46	.43	.40	.38			
4	.56	.47	.41	.35	.55	.46	.40	.35	.44	.39	.35	.43	.38	.34	.41	.37	.34	.32			
5	.51	.42	.35	.30	.50	.41	.34	.30	.39	.33	.29	.38	.33	.29	.36	.32	.28	.27			
6	.47	.37	.30	.25	.46	.36	.30	.25	.35	.29	.25	.34	.28	.25	.32	.28	.24	.23			
7	.43	.33	.26	.22	.42	.32	.26	.21	.31	.25	.21	.30	.25	.21	.29	.24	.21	.19			
8	.40	.29	.23	.19	.39	.29	.23	.19	.28	.22	.18	.27	.22	.18	.26	.22	.18	.17			
9	.37	.27	.20	.16	.36	.26	.20	.16	.25	.20	.16	.25	.20	.16	.24	.19	.16	.14			
10	.34	.24	.18	.14	.33	.24	.18	.14	.23	.18	.14	.22	.17	.14	.22	.17	.14	.13			

16" Shade w/Clear Glass Guard

MD16/B15



26W CPFL
Lumen Rating:
1800 LMS
Efficiency: 61.0%
Spac.Crit 2.5

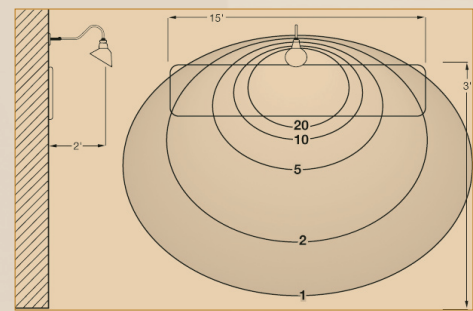
Angle	Across	Lumens
0	559	
5	505	53
15	480	143
25	563	247
35	527	356
45	519	353
55	595	448
65	342	382
75	558	483
85	523	396
90	215	234
95	395	215
105	15	16
115	6	5
125	1	1
135	0	0

Zone	Lumens	%Lamp	%Luminaire
0-30	442	7.91	14.29
0-40	798	14.26	25.77
0-60	1599	28.57	51.64
0-90	2860	51.07	92.33
40-90	2061	36.82	66.56
60-90	1260	22.51	40.69
90-180	237	4.24	7.67
0-180	3097	55.31	100.00

RF	80				70				50				30				10				0
RC																					
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	.65	.65	.65	.65	.63	.63	.63	.63	.59	.59	.59	.56	.56	.56	.53	.53	.53	.51			
1	.56	.52	.49	.46	.54	.51	.48	.45	.47	.45	.42	.44	.42	.40	.42	.40	.38	.37			
2	.50	.44	.39	.35	.48	.43	.38	.34	.40	.36	.33	.37	.34	.31	.35	.32	.30	.28			
3	.45	.38	.32	.28	.43	.36	.31	.27	.34	.30	.26	.32	.28	.25	.30	.27	.24	.23			
4	.41	.33	.28	.23	.39	.32	.27	.23	.30	.26	.22	.28	.24	.21	.26	.23	.20	.19			
5	.37	.29	.24	.19	.36	.28	.23	.19	.27	.22	.18	.25	.21	.18	.23	.20	.17	.16			
6	.34	.26	.20	.16	.33	.25	.20	.16	.24	.19	.16	.22	.18	.15	.21	.17	.15	.13			
7	.31	.23	.18	.14	.30	.22	.17	.14	.21	.16	.13	.20	.16	.13	.19	.15	.12	.11			
8	.29	.21	.16	.12	.28	.20	.15	.12	.19	.15	.11	.18	.14	.11	.17	.13	.11	.10			
9	.27	.19	.14	.10	.26	.18	.14	.10	.17	.13	.10	.16	.12	.10	.15	.12	.09	.08			
10	.25	.17	.12	.09	.24	.17	.12	.09	.16	.12	.09	.15	.11	.08	.14	.11	.08	.07			

A812 200W A-21

3800 Lumens
Vertical Footcandles



M710 150W A-19

2750 Lumens
Vertical Footcandles

