

RP Lighting + Fans

4931 Paseo Del Norte NE, Albuquerque, NM 87113

TEL: 800-937-6925

FAX: 800-207-9509

rplighting@rplighting.com

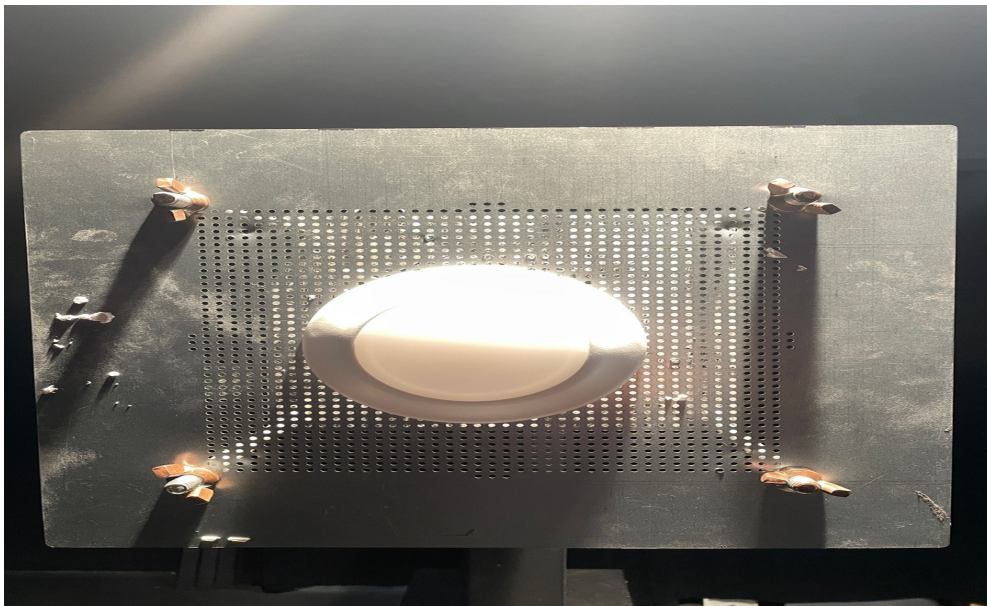
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Test Report of Luminaire

Report No.:

Luminaire Type	8756-HO-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3025K, CRI: 92.9Ra
Luminaire Parameters:			
Voltage	120.5	Current	0.102
Power:	11.2	Power Factor	0.912
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	830.99 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	272.963cd	Central Intensity	272.963cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-83098.77%		
50%Imax Beam Width	C0_180[58.3 , -57.2] C90_270[57.8 , -57.7]		
Remark			

Luminaire Figure



Photometric Data Table [Unit:cd] 8756-HO-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	273.0	271.9	268.5	262.9	255.1	245.4	233.7	220.0	204.9	188.0
5	273.0	271.9	268.5	262.6	255.1	245.3	233.8	220.1	204.8	188.0
10	273.0	271.6	268.4	262.7	255.1	245.2	233.7	220.1	204.7	187.9
15	273.0	271.6	268.4	262.9	254.9	245.4	233.6	220.0	204.5	187.9
20	273.0	271.9	268.5	262.7	254.8	245.3	233.7	220.0	204.7	187.8
25	273.0	271.9	268.3	262.8	255.0	245.3	233.6	219.9	204.7	187.8
30	273.0	271.8	268.0	262.8	255.0	245.2	233.5	219.8	204.7	187.8
35	273.0	271.8	268.3	262.7	254.9	245.3	233.3	219.6	204.5	187.7
40	273.0	271.8	268.2	262.5	254.9	245.0	233.1	219.6	204.5	187.7
45	273.0	271.8	268.3	262.3	254.8	244.8	233.2	219.8	204.4	187.5
50	273.0	271.5	268.2	262.5	254.6	244.9	233.1	219.6	204.3	187.5
55	273.0	271.5	268.1	262.5	254.5	244.9	233.1	219.5	204.3	187.3
60	273.0	271.7	267.9	262.5	254.7	244.8	233.0	219.4	204.0	187.1
65	273.0	271.8	268.0	262.4	254.5	244.8	233.0	219.3	203.8	187.0
70	273.0	271.8	268.2	262.4	254.5	244.6	232.8	219.1	203.6	186.8
75	273.0	271.7	268.2	262.3	254.4	244.6	232.7	218.9	203.6	186.7
80	273.0	271.5	268.1	262.0	254.1	244.3	232.5	218.8	203.5	186.5
85	273.0	271.6	268.0	261.9	254.1	244.0	232.4	218.5	203.5	186.3
90	273.0	271.3	267.8	262.0	254.1	244.2	232.1	218.4	203.2	186.1
95	273.0	271.4	267.6	262.1	254.0	244.1	232.1	218.4	203.1	185.9
100	273.0	271.6	267.8	261.8	253.9	244.1	232.0	218.4	203.0	185.7
105	273.0	271.5	267.8	261.7	253.9	243.9	231.9	218.2	202.8	185.6
110	273.0	271.5	267.8	261.7	253.5	243.8	231.9	218.1	202.5	185.5
115	273.0	271.5	267.6	261.6	253.6	243.7	231.7	217.9	202.3	185.3
120	273.0	271.4	267.6	261.7	253.7	243.4	231.6	217.6	202.1	185.3
125	273.0	271.1	267.5	261.9	253.5	243.3	231.4	217.6	202.1	185.0
130	273.0	271.2	267.4	261.7	253.5	243.2	231.4	217.5	202.0	184.9
135	273.0	271.5	267.6	261.5	253.5	243.3	231.2	217.4	201.9	184.7
140	273.0	271.4	267.5	261.5	253.2	243.3	231.0	217.2	201.8	184.7
145	273.0	271.4	267.5	261.5	253.1	243.1	230.9	217.1	201.7	184.5
150	273.0	271.4	267.5	261.3	253.2	243.2	230.9	216.9	201.7	184.5
155	273.0	271.4	267.3	261.1	253.2	242.9	231.0	216.9	201.6	184.4
160	273.0	271.0	267.2	261.2	253.2	242.8	230.9	216.8	201.4	184.2
165	273.0	271.0	267.3	261.3	253.1	242.8	230.8	216.7	201.2	184.1
170	273.0	271.2	267.4	261.3	253.0	243.1	230.8	216.9	201.1	183.9
175	273.0	271.2	267.3	261.2	252.9	243.0	230.7	216.8	201.1	183.9
180	273.0	271.3	267.3	261.3	253.1	243.0	230.9	216.8	201.0	183.9
185	273.0	271.3	267.4	261.2	253.1	242.9	231.0	216.7	201.2	184.0
190	273.0	271.3	267.2	261.1	253.1	243.0	230.8	216.9	201.2	184.1
195	273.0	271.1	267.1	261.0	253.1	242.8	230.8	216.8	201.3	184.1
200	273.0	271.0	267.1	261.4	252.9	242.7	230.8	216.9	201.3	184.1
205	273.0	270.9	267.5	261.3	253.1	242.9	230.7	216.7	201.4	184.1
210	273.0	271.1	267.4	261.4	253.1	243.0	230.8	216.8	201.4	184.3
215	273.0	271.3	267.5	261.5	253.3	243.0	230.8	216.8	201.6	184.3
220	273.0	271.4	267.4	261.4	253.1	243.1	231.1	217.1	201.5	184.5
225	273.0	271.3	267.5	261.3	253.3	243.2	231.1	217.2	201.8	184.6
230	273.0	271.4	267.3	261.3	253.2	243.2	231.2	217.3	201.8	184.7
235	273.0	271.3	267.3	261.6	253.4	243.2	231.5	217.4	201.8	184.8

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8756-HO-90-3K

240	273.0	271.1	267.6	261.6	253.5	243.2	231.4	217.6	201.9	184.9
245	273.0	271.1	267.6	261.7	253.5	243.5	231.6	217.6	202.0	185.1
250	273.0	271.3	267.6	261.7	253.7	243.7	231.8	217.7	202.2	185.2
255	273.0	271.3	267.7	261.7	253.7	243.7	231.9	217.7	202.4	185.3
260	273.0	271.5	267.8	261.7	253.8	243.9	231.9	217.9	202.6	185.3
265	273.0	271.5	267.8	261.9	253.7	244.0	231.9	218.2	202.9	185.6
270	273.0	271.5	267.6	262.1	253.8	244.2	231.8	218.5	203.0	185.7
275	273.0	271.3	267.9	262.1	254.2	244.1	232.0	218.5	203.1	186.1
280	273.0	271.3	268.0	262.2	254.2	244.2	232.3	218.7	203.3	186.2
285	273.0	271.6	268.1	262.2	254.3	244.3	232.5	218.8	203.5	186.4
290	273.0	271.6	268.1	262.1	254.5	244.6	232.7	218.9	203.6	186.5
295	273.0	271.6	268.3	262.3	254.5	244.6	232.7	219.1	203.7	186.7
300	273.0	271.7	268.1	262.4	254.3	244.7	232.9	219.0	203.8	187.0
305	273.0	271.6	267.9	262.4	254.5	244.8	233.0	219.1	203.9	187.0
310	273.0	271.4	268.0	262.6	254.7	244.7	233.2	219.2	204.2	187.2
315	273.0	271.5	268.2	262.6	254.8	244.8	233.2	219.4	204.1	187.3
320	273.0	271.6	268.3	262.3	254.9	245.0	233.3	219.5	204.2	187.4
325	273.0	271.8	268.3	262.4	254.9	245.1	233.4	219.7	204.3	187.6
330	273.0	271.7	268.4	262.8	254.9	245.2	233.4	219.8	204.4	187.6
335	273.0	271.7	268.2	262.7	254.9	245.3	233.5	219.8	204.6	187.6
340	273.0	271.6	268.2	262.7	255.0	245.3	233.6	220.0	204.8	187.6
345	273.0	271.5	268.2	262.8	255.0	245.3	233.6	220.0	204.8	187.8
350	273.0	271.6	268.4	262.8	255.2	245.5	233.5	220.0	204.8	188.0
355	273.0	271.8	268.5	262.8	255.0	245.4	233.5	220.1	204.9	188.0
360	273.0	271.9	268.5	262.9	255.1	245.4	233.7	220.0	204.9	188.0

C\G	50	55	60	65	70	75	80	85	90
0	169.7	150.1	129.6	108.4	87.0	66.3	47.6	31.4	18.9
5	169.7	150.0	129.6	108.3	87.0	66.4	47.6	31.4	19.0
10	169.6	150.0	129.6	108.3	87.0	66.4	47.6	31.4	19.0
15	169.6	149.9	129.6	108.3	87.0	66.3	47.6	31.4	19.0
20	169.5	150.0	129.5	108.3	86.9	66.2	47.6	31.4	18.9
25	169.5	149.9	129.5	108.1	86.8	66.2	47.6	31.4	19.0
30	169.5	149.7	129.3	108.1	86.8	66.1	47.5	31.4	18.9
35	169.5	149.6	129.2	108.0	86.6	66.0	47.5	31.4	18.9
40	169.4	149.6	129.2	107.8	86.5	65.9	47.3	31.4	18.8
45	169.2	149.4	129.0	107.7	86.4	65.7	47.0	31.3	18.7
50	169.2	149.3	128.9	107.6	86.2	65.6	46.9	31.2	18.7
55	169.0	149.2	128.7	107.4	86.0	65.4	46.8	31.1	18.5
60	168.8	149.0	128.5	107.2	85.8	65.3	46.8	31.0	18.5
65	168.7	148.9	128.3	107.0	85.7	65.1	46.6	30.8	18.4
70	168.4	148.7	128.1	106.8	85.5	64.9	46.4	30.6	18.2
75	168.3	148.6	127.9	106.6	85.2	64.8	46.2	30.5	18.1
80	168.1	148.3	127.7	106.4	85.1	64.5	46.0	30.3	18.0
85	167.9	148.1	127.5	106.2	84.8	64.3	45.8	30.1	17.9
90	167.8	147.9	127.3	106.0	84.6	64.1	45.7	30.0	17.8
95	167.6	147.7	127.1	105.8	84.4	63.9	45.5	29.8	17.7
100	167.4	147.5	126.9	105.6	84.2	63.7	45.3	29.7	17.6

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Photometric Data Table [Unit:cd] 8756-HO-90-3K

105	167.3	147.4	126.7	105.4	84.0	63.5	45.2	29.6	17.5
110	167.1	147.1	126.5	105.3	83.8	63.4	45.0	29.5	17.4
115	166.9	146.9	126.4	105.0	83.7	63.2	44.8	29.4	17.4
120	166.7	146.9	126.2	104.8	83.5	63.0	44.7	29.3	17.3
125	166.6	146.7	125.9	104.6	83.3	62.8	44.4	29.2	17.2
130	166.4	146.5	125.8	104.5	83.1	62.6	44.2	29.1	17.2
135	166.2	146.3	125.6	104.2	82.9	62.5	44.1	28.9	17.1
140	166.1	146.1	125.5	104.1	82.9	62.3	44.0	28.9	17.1
145	166.0	146.0	125.4	104.0	82.7	62.3	44.0	28.9	17.1
150	165.9	145.9	125.2	103.9	82.6	62.2	44.0	28.9	17.1
155	165.7	145.9	125.2	103.8	82.4	62.1	43.9	28.8	17.1
160	165.6	145.8	125.1	103.7	82.3	62.0	43.9	28.7	17.0
165	165.5	145.8	125.1	103.6	82.2	62.0	43.8	28.7	17.0
170	165.4	145.6	125.0	103.5	82.2	61.9	43.8	28.6	17.0
175	165.4	145.6	124.9	103.6	82.3	61.9	43.7	28.6	17.0
180	165.4	145.6	124.9	103.5	82.2	61.8	43.7	28.6	17.0
185	165.3	145.6	124.9	103.5	82.2	61.8	43.8	28.6	17.0
190	165.4	145.6	124.9	103.5	82.3	61.8	43.8	28.5	17.0
195	165.4	145.7	125.0	103.6	82.2	61.8	43.7	28.6	17.0
200	165.5	145.8	125.0	103.6	82.3	61.9	43.8	28.7	17.0
205	165.4	145.7	125.0	103.6	82.3	61.9	43.8	28.8	17.0
210	165.5	145.8	125.1	103.7	82.3	62.0	43.9	28.9	17.0
215	165.7	145.9	125.2	103.8	82.4	62.0	43.9	28.9	17.1
220	165.9	146.0	125.3	103.8	82.4	62.0	43.9	29.0	17.1
225	166.0	146.2	125.4	104.0	82.5	62.1	43.9	29.0	17.1
230	166.1	146.2	125.6	104.0	82.7	62.3	44.1	28.9	17.1
235	166.3	146.4	125.7	104.2	82.8	62.4	44.3	28.9	17.1
240	166.4	146.6	125.8	104.4	83.0	62.5	44.4	29.0	17.1
245	166.5	146.8	126.1	104.5	83.2	62.7	44.5	29.0	17.1
250	166.8	146.9	126.2	104.7	83.3	62.8	44.5	28.9	17.2
255	166.9	147.1	126.4	104.9	83.5	62.9	44.6	29.0	17.2
260	167.0	147.2	126.5	105.0	83.6	63.1	44.7	29.0	17.2
265	167.2	147.4	126.7	105.3	83.9	63.2	44.8	29.1	17.3
270	167.3	147.7	126.9	105.5	84.0	63.4	45.0	29.3	17.4
275	167.5	147.8	127.1	105.7	84.2	63.6	45.2	29.4	17.4
280	167.6	148.0	127.3	105.9	84.4	63.8	45.3	29.5	17.5
285	167.8	148.2	127.6	106.1	84.6	64.1	45.6	29.7	17.6
290	168.0	148.4	127.7	106.4	84.9	64.3	45.8	29.8	17.7
295	168.1	148.6	127.9	106.6	85.1	64.5	46.1	29.9	17.8
300	168.4	148.8	128.1	106.8	85.4	64.8	46.3	30.1	17.7
305	168.5	149.0	128.3	107.0	85.6	65.0	46.4	30.2	17.7
310	168.7	149.1	128.5	107.2	85.8	65.1	46.5	30.3	17.8
315	168.8	149.4	128.7	107.4	86.0	65.3	46.6	30.5	17.9
320	169.0	149.5	128.8	107.6	86.2	65.5	46.9	30.6	18.0
325	169.1	149.6	129.0	107.8	86.4	65.8	47.1	30.7	18.2
330	169.2	149.7	129.2	107.8	86.5	65.9	47.3	30.9	18.4
335	169.3	149.8	129.3	108.0	86.7	66.1	47.5	31.0	18.6
340	169.4	149.9	129.3	108.2	86.8	66.2	47.5	31.1	18.7
345	169.5	150.0	129.4	108.2	86.9	66.2	47.5	31.2	18.7

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8756-HO-90-3K

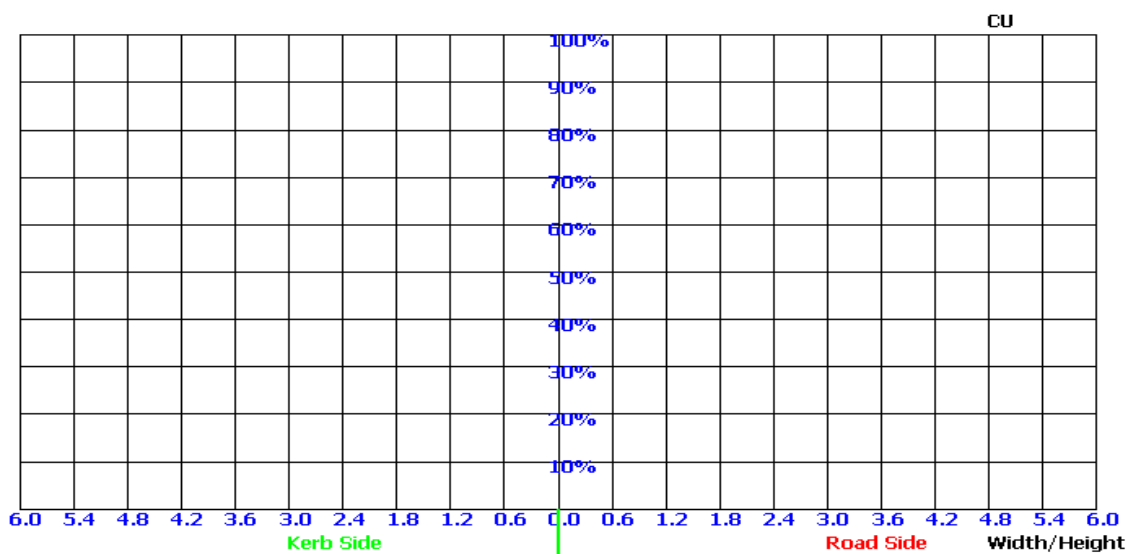
350	169.5	150.0	129.5	108.3	86.9	66.2	47.5	31.3	18.8
355	169.6	150.0	129.6	108.3	86.9	66.3	47.5	31.3	18.8
360	169.7	150.1	129.6	108.4	87.0	66.3	47.6	31.4	18.9

RP Lighting + Fans

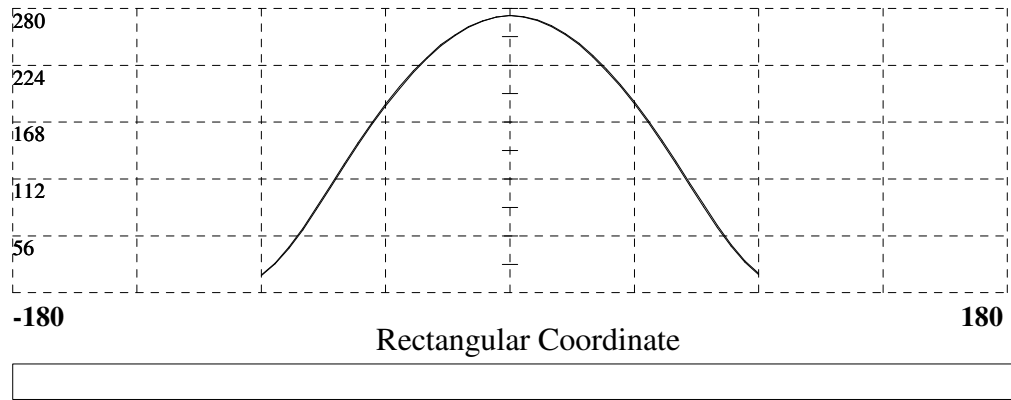
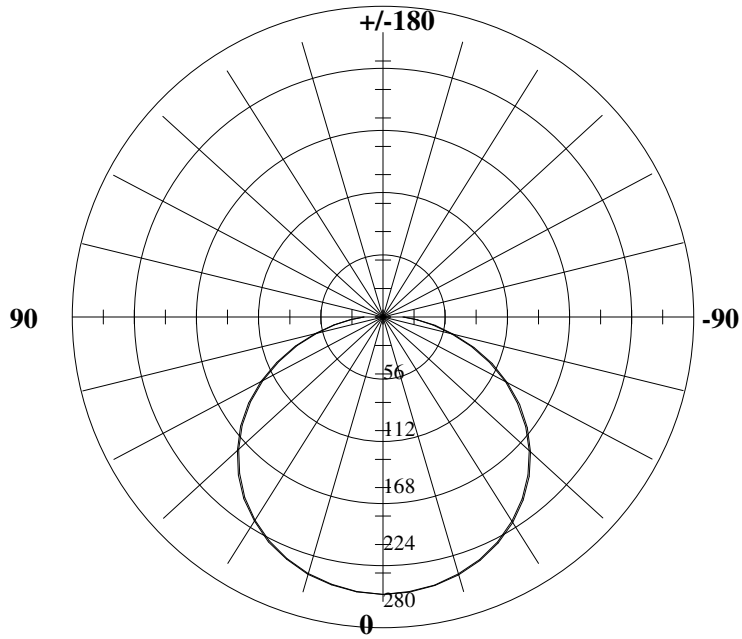
Zonal Flux 8756-HO-90-3K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	272.96	0.00	0.00	0.00	0.00
5	271.48	6.51	6.51	-650.86	-650.86
10	267.84	19.29	25.80	-1929.33	-2580.19
15	262.00	31.43	57.23	-3142.98	-5723.18
20	254.03	42.53	99.76	-4252.81	-9975.99
25	244.10	52.25	152.01	-5224.52	-15200.51
30	232.18	60.27	212.28	-6027.44	-21227.96
35	218.40	66.35	278.63	-6635.20	-27863.17
40	203.03	70.31	348.94	-7031.31	-34894.46
45	185.99	72.03	420.97	-7202.98	-42097.43
50	167.54	71.44	492.41	-7143.56	-49241.00
55	147.81	68.57	560.98	-6856.81	-56097.80
60	127.19	63.57	624.54	-6356.55	-62454.36
65	105.85	56.65	681.20	-5665.30	-68119.65
70	84.48	48.19	729.39	-4819.22	-72938.89
75	63.93	38.79	768.18	-3879.04	-76817.94
80	45.52	29.29	797.46	-2928.53	-79746.47
85	29.87	20.49	817.95	-2048.59	-81795.05
90	17.74	13.04	830.99	-1303.69	-83098.72

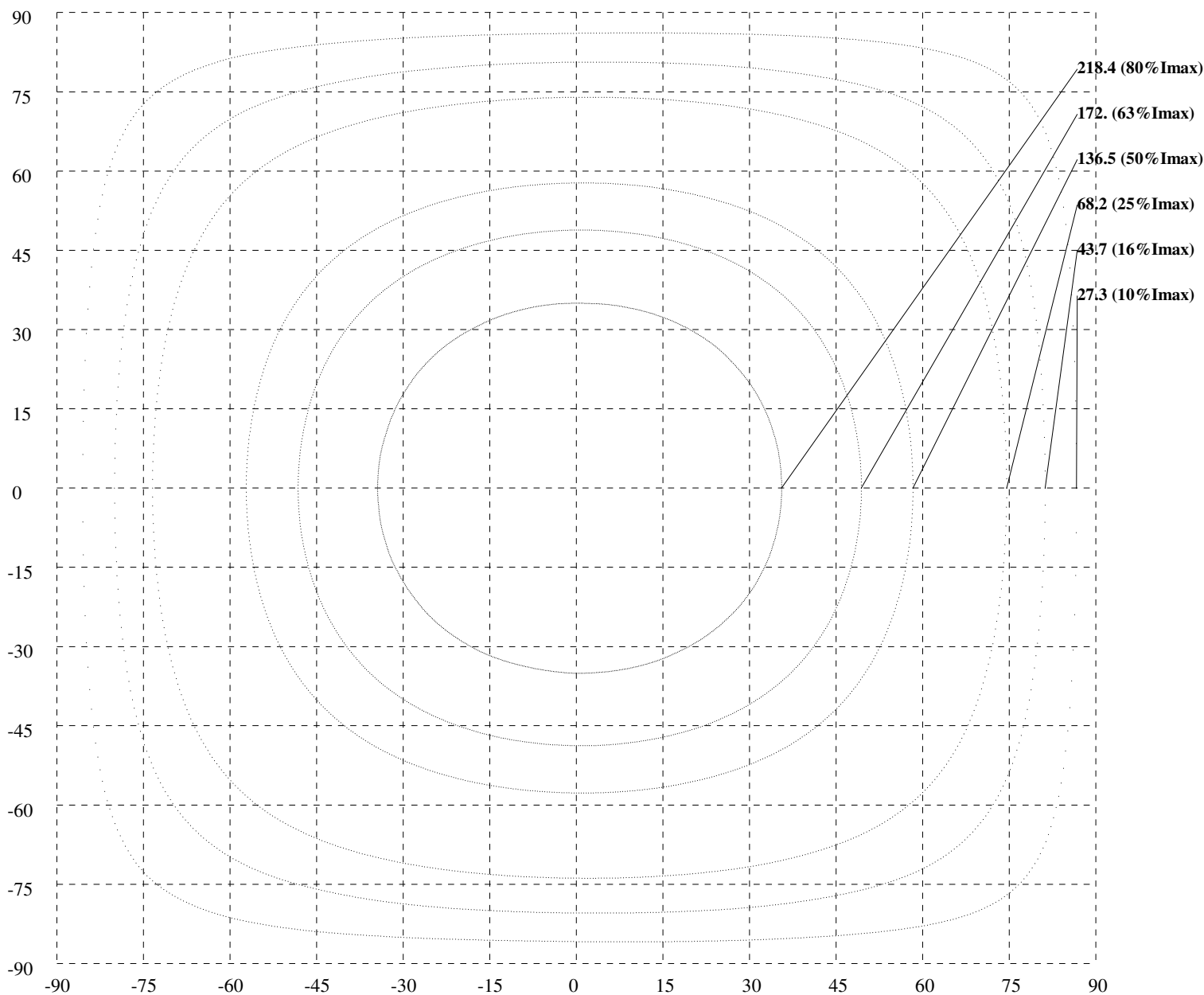
RP Lighting + Fans
Coefficient Utilization Curve 8756-HO-90-3K



Light Distribution Curve[Unit: cd]

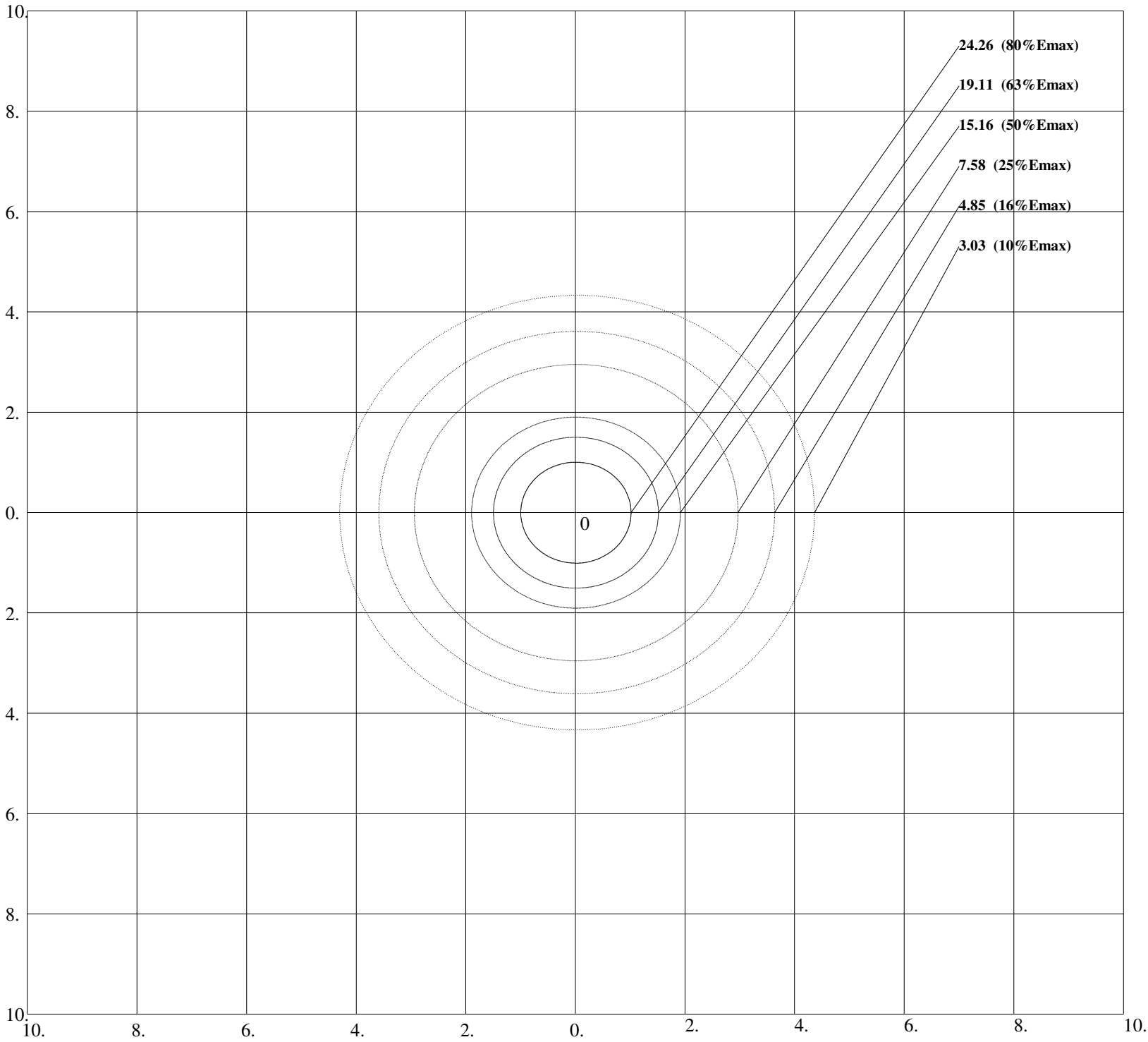


ISO-Candela V-H [Unit :cd] 8756-HO-90-3K



RP Lighting + Fans

Iso-Lux [Unit :lx] 8756-HO-90-3K



Units: lx
Height: 3 m
Max Illuminance : 30.33lx

RP Lighting + Fans
Lux-Distance Curve

