

RP Lighting + Fans

4931 Paseo Del Norte NE, Albuquerque, NM 87113

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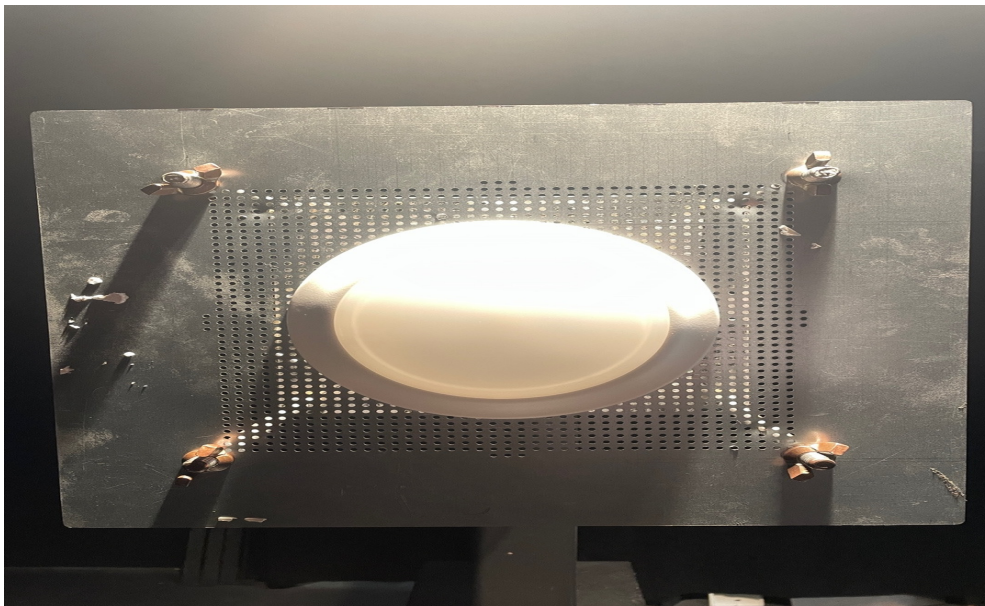
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Test Report of Luminaire

Report No.:

Luminaire Type	8556HO-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3070K, CRI: 94.1Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.135
Power:	14.9	Power Factor	0.920
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	1170.22 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	434.757cd	Central Intensity	434.757cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-117022.2%		
50%Imax Beam Width	C0_180[51.8 , -51.9] C90_270[52.0 , -52.0]		
Remark			

Luminaire Figure



Photometric Data Table [Unit:cd] 8556-HO-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	434.8	429.0	417.9	403.7	386.0	365.1	341.2	315.1	287.1	258.1
5	434.8	429.0	417.8	403.6	385.9	365.1	341.2	315.1	287.1	258.2
10	434.8	428.9	417.9	403.6	386.0	365.2	341.3	315.3	287.3	258.3
15	434.8	428.8	417.8	403.7	386.1	365.2	341.4	315.3	287.4	258.4
20	434.8	428.7	417.8	403.6	386.0	365.3	341.4	315.4	287.5	258.6
25	434.8	428.7	417.8	403.6	386.0	365.2	341.4	315.5	287.6	258.7
30	434.8	428.6	417.7	403.7	386.1	365.3	341.5	315.6	287.8	258.9
35	434.8	428.6	417.8	403.6	386.0	365.4	341.6	315.7	287.9	259.1
40	434.8	428.5	417.7	403.6	386.1	365.4	341.7	315.7	288.0	259.1
45	434.8	428.5	417.7	403.7	386.2	365.5	341.7	315.9	288.1	259.2
50	434.8	428.4	417.6	403.6	386.1	365.5	341.8	315.9	288.2	259.3
55	434.8	428.4	417.6	403.6	386.2	365.5	341.8	315.9	288.2	259.4
60	434.8	428.4	417.6	403.6	386.2	365.5	341.9	315.9	288.3	259.4
65	434.8	428.4	417.6	403.5	386.2	365.5	341.9	316.0	288.3	259.5
70	434.8	428.3	417.6	403.6	386.2	365.5	341.8	316.0	288.4	259.5
75	434.8	428.3	417.5	403.5	386.2	365.4	341.9	315.9	288.3	259.4
80	434.8	428.3	417.5	403.5	386.1	365.5	341.8	316.0	288.2	259.4
85	434.8	428.2	417.5	403.5	386.1	365.4	341.8	315.8	288.2	259.3
90	434.8	428.2	417.4	403.5	386.1	365.4	341.7	315.8	288.1	259.3
95	434.8	428.1	417.5	403.5	386.0	365.3	341.7	315.8	288.1	259.2
100	434.8	428.0	417.4	403.5	386.1	365.3	341.7	315.7	288.0	259.1
105	434.8	428.1	417.4	403.5	386.0	365.2	341.6	315.7	287.9	259.0
110	434.8	428.0	417.3	403.4	386.0	365.2	341.5	315.5	287.8	258.9
115	434.8	427.9	417.3	403.5	386.0	365.1	341.4	315.5	287.7	258.9
120	434.8	427.9	417.3	403.5	385.9	365.1	341.4	315.5	287.6	258.7
125	434.8	427.9	417.2	403.4	385.9	365.1	341.4	315.3	287.6	258.7
130	434.8	427.9	417.3	403.4	385.8	365.1	341.3	315.3	287.5	258.6
135	434.8	427.8	417.3	403.4	385.8	365.0	341.2	315.3	287.5	258.6
140	434.8	427.8	417.2	403.4	385.8	364.9	341.2	315.2	287.4	258.5
145	434.8	427.8	417.2	403.4	385.8	365.0	341.2	315.2	287.3	258.5
150	434.8	427.7	417.2	403.3	385.8	365.0	341.2	315.2	287.3	258.4
155	434.8	427.6	417.1	403.3	385.8	365.0	341.2	315.2	287.3	258.4
160	434.8	427.6	417.2	403.3	385.8	365.0	341.2	315.1	287.3	258.4
165	434.8	427.5	417.2	403.3	385.9	365.0	341.2	315.1	287.3	258.4
170	434.8	427.5	417.2	403.4	385.9	365.0	341.2	315.1	287.3	258.4
175	434.8	427.4	417.1	403.4	385.9	365.0	341.3	315.1	287.3	258.4
180	434.8	427.4	417.1	403.4	385.9	365.1	341.3	315.3	287.4	258.5
185	434.8	427.4	417.1	403.4	385.8	365.1	341.4	315.3	287.4	258.5
190	434.8	427.3	417.1	403.3	386.0	365.1	341.4	315.3	287.6	258.7
195	434.8	427.4	417.1	403.4	386.0	365.1	341.5	315.4	287.6	258.8
200	434.8	427.3	417.0	403.4	386.0	365.2	341.6	315.5	287.7	258.8
205	434.8	427.2	417.1	403.4	386.0	365.3	341.6	315.6	287.8	258.9
210	434.8	427.2	417.0	403.4	386.0	365.3	341.6	315.7	287.9	259.0
215	434.8	427.1	417.0	403.4	386.1	365.4	341.7	315.8	288.0	259.2
220	434.8	427.2	417.0	403.4	386.1	365.4	341.8	315.8	288.1	259.2
225	434.8	427.2	417.0	403.3	386.1	365.5	341.8	315.9	288.2	259.3
230	434.8	427.1	417.1	403.3	386.1	365.5	341.8	315.9	288.2	259.3
235	434.8	427.1	417.0	403.3	386.1	365.4	341.9	315.9	288.2	259.3

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8556-HO-90-3K

240	434.8	427.0	417.0	403.3	386.1	365.5	341.8	316.0	288.2	259.4
245	434.8	426.9	416.8	403.3	386.1	365.4	341.8	315.9	288.2	259.3
250	434.8	427.0	416.8	403.3	386.0	365.4	341.8	315.9	288.1	259.3
255	434.8	426.9	416.8	403.3	386.0	365.3	341.8	315.8	288.1	259.1
260	434.8	426.9	416.7	403.2	386.0	365.3	341.7	315.7	288.0	259.0
265	434.8	426.8	416.7	403.2	385.9	365.2	341.6	315.6	287.9	259.0
270	434.8	426.7	416.7	403.1	385.9	365.2	341.5	315.6	287.8	258.9
275	434.8	426.7	416.7	403.1	385.8	365.0	341.5	315.5	287.7	258.7
280	434.8	426.7	416.6	403.1	385.8	365.0	341.4	315.4	287.6	258.6
285	434.8	426.7	416.5	403.0	385.6	364.9	341.3	315.3	287.4	258.4
290	434.8	426.6	416.5	402.9	385.6	364.9	341.2	315.1	287.3	258.3
295	434.8	426.5	416.5	402.9	385.5	364.8	341.1	315.1	287.2	258.2
300	434.8	426.4	416.3	402.9	385.4	364.7	341.0	314.9	287.1	258.0
305	434.8	426.5	416.4	402.8	385.4	364.6	340.9	314.8	287.0	258.0
310	434.8	426.4	416.3	402.8	385.3	364.4	340.9	314.7	286.9	257.9
315	434.8	426.4	416.3	402.7	385.3	364.5	340.8	314.7	286.9	257.8
320	434.8	426.4	416.3	402.7	385.2	364.4	340.8	314.6	286.8	257.7
325	434.8	426.3	416.1	402.7	385.2	364.4	340.7	314.5	286.7	257.7
330	434.8	426.3	416.2	402.6	385.1	364.4	340.7	314.5	286.7	257.7
335	434.8	426.2	416.1	402.5	385.1	364.4	340.7	314.5	286.7	257.7
340	434.8	426.2	416.1	402.4	385.1	364.4	340.6	314.6	286.7	257.8
345	434.8	426.1	416.0	402.5	385.1	364.3	340.7	314.5	286.7	257.7
350	434.8	426.0	416.0	402.6	385.2	364.3	340.7	314.6	286.8	257.8
355	434.8	426.0	416.0	402.5	385.1	364.3	340.7	314.6	286.9	257.9
360	434.8	429.0	417.9	403.7	386.0	365.1	341.2	315.1	287.1	258.1

C\G	50	55	60	65	70	75	80	85	90
0	228.3	198.3	168.2	138.8	110.3	83.4	59.4	38.7	23.1
5	228.4	198.4	168.4	138.9	110.4	83.4	59.4	38.8	23.1
10	228.5	198.5	168.5	139.0	110.5	83.5	59.4	38.8	23.1
15	228.6	198.6	168.6	139.1	110.5	83.6	59.5	38.9	23.1
20	228.8	198.7	168.8	139.2	110.6	83.7	59.6	38.9	23.1
25	228.9	198.9	168.9	139.4	110.8	83.7	59.7	39.0	22.9
30	229.1	199.0	169.1	139.5	110.9	83.8	59.7	39.0	22.8
35	229.3	199.2	169.2	139.6	111.0	83.9	59.8	39.1	22.8
40	229.4	199.3	169.3	139.8	111.1	83.9	59.8	39.2	22.8
45	229.5	199.5	169.5	139.9	111.2	84.0	59.9	39.3	22.8
50	229.6	199.6	169.6	140.0	111.3	84.2	60.0	39.3	22.9
55	229.7	199.7	169.7	140.1	111.4	84.3	60.1	39.3	22.9
60	229.8	199.8	169.8	140.2	111.5	84.4	60.3	39.3	23.0
65	229.8	199.8	169.8	140.3	111.5	84.5	60.4	39.3	23.1
70	229.8	199.8	169.8	140.3	111.6	84.5	60.4	39.3	23.4
75	229.8	199.8	169.8	140.3	111.6	84.6	60.4	39.3	23.4
80	229.7	199.8	169.8	140.3	111.6	84.6	60.4	39.3	23.4
85	229.7	199.7	169.7	140.2	111.6	84.6	60.4	39.3	23.5
90	229.6	199.6	169.6	140.2	111.6	84.6	60.4	39.4	23.5
95	229.5	199.5	169.6	140.1	111.5	84.6	60.4	39.4	23.5
100	229.4	199.4	169.5	140.1	111.6	84.6	60.5	39.5	23.5

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8556-HO-90-3K

105	229.3	199.3	169.5	140.1	111.5	84.7	60.6	39.5	23.6
110	229.2	199.2	169.4	140.0	111.5	84.7	60.7	39.6	23.6
115	229.2	199.2	169.4	140.0	111.5	84.7	60.7	39.7	23.5
120	229.1	199.1	169.3	139.9	111.5	84.7	60.7	39.8	23.4
125	229.0	199.1	169.3	139.9	111.5	84.7	60.7	39.9	23.5
130	228.9	199.0	169.2	139.9	111.5	84.7	60.7	40.0	23.5
135	228.9	199.0	169.2	139.8	111.4	84.6	60.7	40.1	23.5
140	228.8	198.9	169.1	139.8	111.4	84.6	60.7	40.1	23.6
145	228.8	198.8	169.1	139.8	111.4	84.7	60.8	40.0	23.6
150	228.7	198.8	169.1	139.7	111.4	84.7	60.8	40.0	23.7
155	228.7	198.8	169.0	139.7	111.4	84.7	60.8	40.0	23.8
160	228.7	198.8	169.0	139.7	111.4	84.7	60.8	40.0	23.9
165	228.7	198.8	169.0	139.7	111.4	84.6	60.8	40.0	24.0
170	228.7	198.8	169.0	139.7	111.3	84.7	60.8	40.0	24.0
175	228.8	198.8	169.0	139.7	111.3	84.6	60.8	40.0	24.0
180	228.8	198.8	169.0	139.7	111.4	84.7	60.7	40.0	24.0
185	228.8	198.9	169.1	139.7	111.4	84.7	60.7	40.0	24.1
190	228.9	198.9	169.1	139.8	111.4	84.7	60.8	40.1	24.1
195	229.0	199.0	169.2	139.9	111.5	84.7	60.8	40.1	24.1
200	229.1	199.1	169.3	139.9	111.5	84.8	60.8	40.1	24.1
205	229.3	199.2	169.4	140.0	111.6	84.8	60.8	40.1	24.1
210	229.4	199.4	169.5	140.1	111.6	84.8	60.9	40.2	24.1
215	229.5	199.5	169.6	140.2	111.7	84.9	60.8	40.2	24.1
220	229.6	199.6	169.7	140.2	111.7	84.8	60.8	40.3	24.2
225	229.6	199.6	169.7	140.3	111.8	84.9	60.8	40.3	24.1
230	229.7	199.7	169.8	140.3	111.8	84.9	60.8	40.2	24.1
235	229.7	199.6	169.7	140.3	111.8	84.9	60.9	40.2	24.1
240	229.6	199.7	169.7	140.2	111.7	84.9	60.9	40.1	24.0
245	229.6	199.6	169.6	140.2	111.7	84.8	60.8	40.0	24.0
250	229.5	199.5	169.6	140.1	111.6	84.8	60.7	39.9	23.9
255	229.5	199.4	169.4	140.0	111.4	84.6	60.7	39.8	23.9
260	229.3	199.3	169.3	139.9	111.3	84.5	60.6	39.7	23.8
265	229.3	199.2	169.2	139.8	111.2	84.4	60.4	39.6	23.8
270	229.1	199.0	169.1	139.6	111.1	84.3	60.3	39.5	23.7
275	229.0	198.9	169.0	139.5	111.0	84.2	60.3	39.5	23.7
280	228.8	198.8	168.8	139.4	110.9	84.2	60.2	39.4	23.6
285	228.7	198.7	168.7	139.3	110.8	84.1	60.2	39.4	23.5
290	228.5	198.5	168.6	139.1	110.7	84.0	60.2	39.3	23.5
295	228.4	198.4	168.4	139.0	110.6	83.9	60.1	39.3	23.4
300	228.3	198.3	168.3	138.9	110.5	83.8	60.1	39.3	23.3
305	228.2	198.2	168.2	138.8	110.5	83.8	60.0	39.3	23.2
310	228.1	198.1	168.2	138.7	110.4	83.7	60.0	39.3	23.2
315	228.0	198.0	168.1	138.7	110.3	83.6	59.9	39.2	23.1
320	228.0	198.0	168.0	138.6	110.2	83.6	59.9	39.2	23.1
325	227.9	197.9	168.0	138.6	110.2	83.5	59.8	39.1	23.1
330	227.9	197.9	168.0	138.6	110.2	83.5	59.8	39.0	23.0
335	227.9	197.9	168.0	138.6	110.2	83.5	59.7	38.9	23.1
340	227.9	197.9	168.0	138.6	110.2	83.5	59.7	38.9	23.1
345	228.0	197.9	168.0	138.6	110.2	83.4	59.6	38.9	23.2

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8556-HO-90-3K

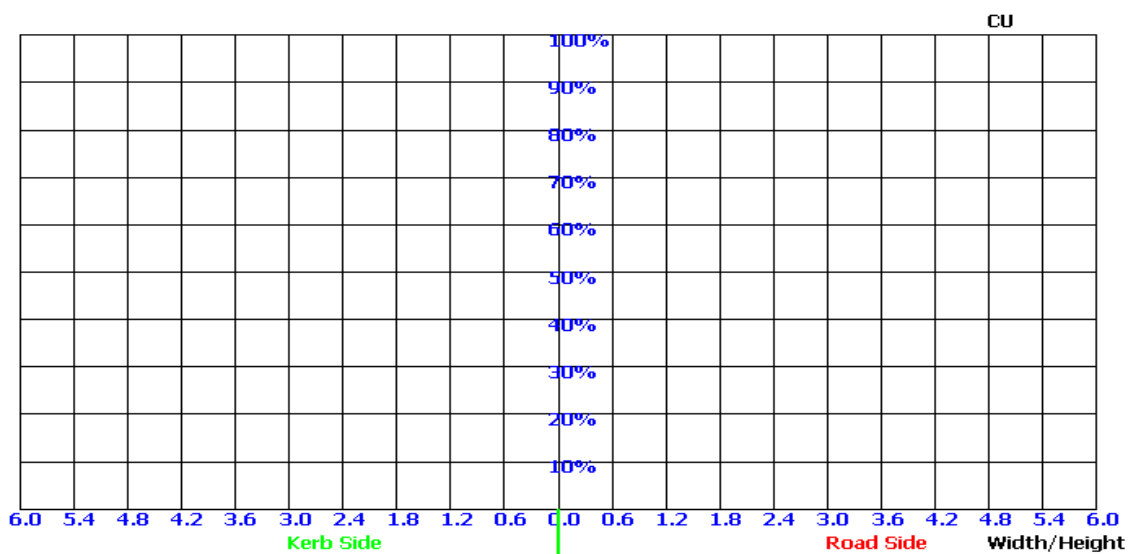
350	228.1	198.0	168.1	138.7	110.2	83.4	59.4	38.8	23.1
355	228.2	198.1	168.2	138.7	110.2	83.4	59.4	38.8	23.1
360	228.3	198.3	168.2	138.8	110.3	83.4	59.4	38.7	23.1

RP Lighting + Fans

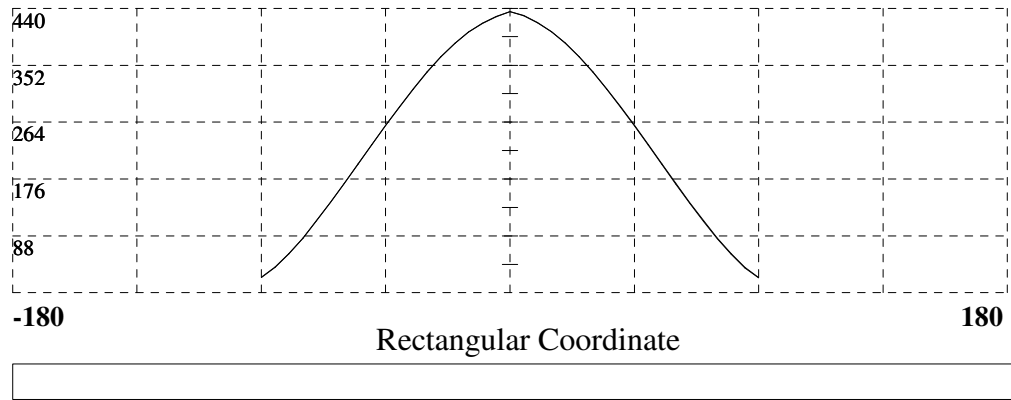
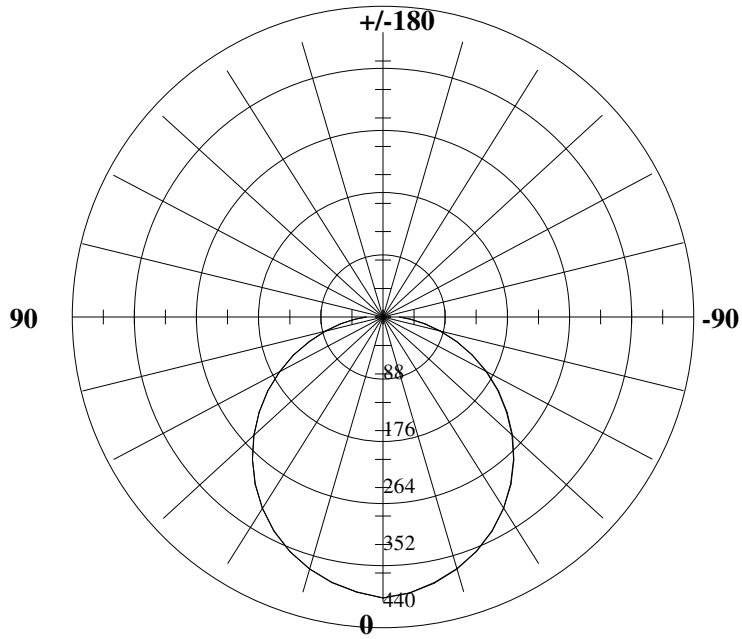
Zonal Flux 8556-HO-90-3K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	434.76	0.00	0.00	0.00	0.00
5	427.47	10.31	10.31	-1030.76	-1030.76
10	417.07	30.21	40.52	-3021.16	-4051.92
15	403.26	48.66	89.18	-4866.09	-8918.02
20	385.84	65.03	154.21	-6503.29	-15421.31
25	365.09	78.76	232.97	-7875.87	-23297.18
30	341.40	89.41	322.38	-8940.66	-32237.84
35	315.39	96.72	419.10	-9671.77	-41909.60
40	287.60	100.60	519.70	-10060.48	-51970.09
45	258.68	101.15	620.85	-10114.73	-62084.82
50	228.99	98.54	719.39	-9854.05	-71938.88
55	198.97	93.05	812.44	-9305.36	-81244.22
60	169.06	85.07	897.51	-8506.92	-89751.14
65	139.63	75.04	972.55	-7504.16	-97255.32
70	111.12	63.49	1036.05	-6349.11	-103604.46
75	84.31	51.08	1087.13	-5108.23	-108712.72
80	60.33	38.70	1125.83	-3870.00	-112582.76
85	39.53	27.13	1152.96	-2713.43	-115296.19
90	23.51	17.26	1170.22	-1726.19	-117022.38

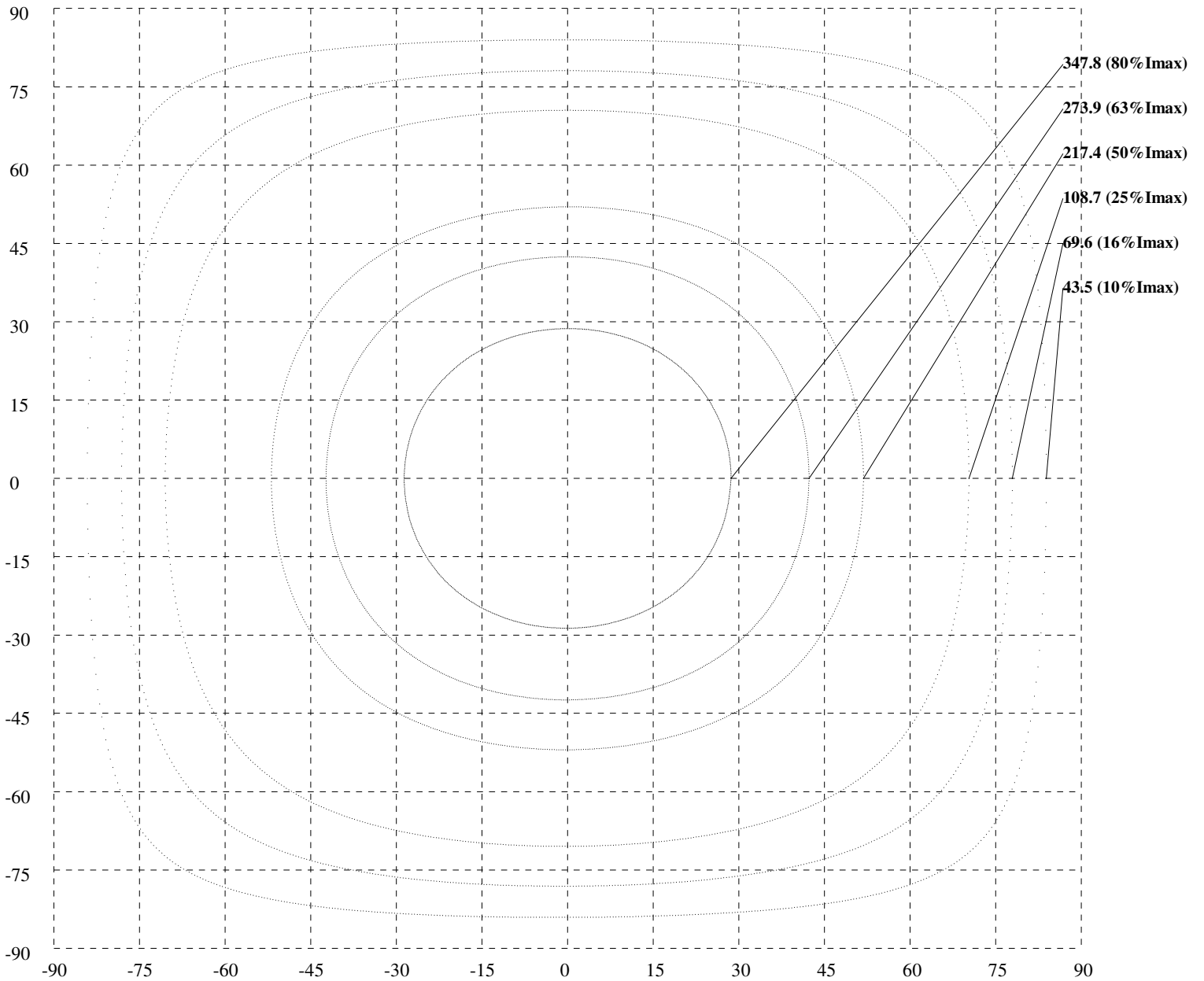
RP Lighting + Fans
Coefficient Utilization Curve 8556-HO-90-3K



Light Distribution Curve[Unit: cd]

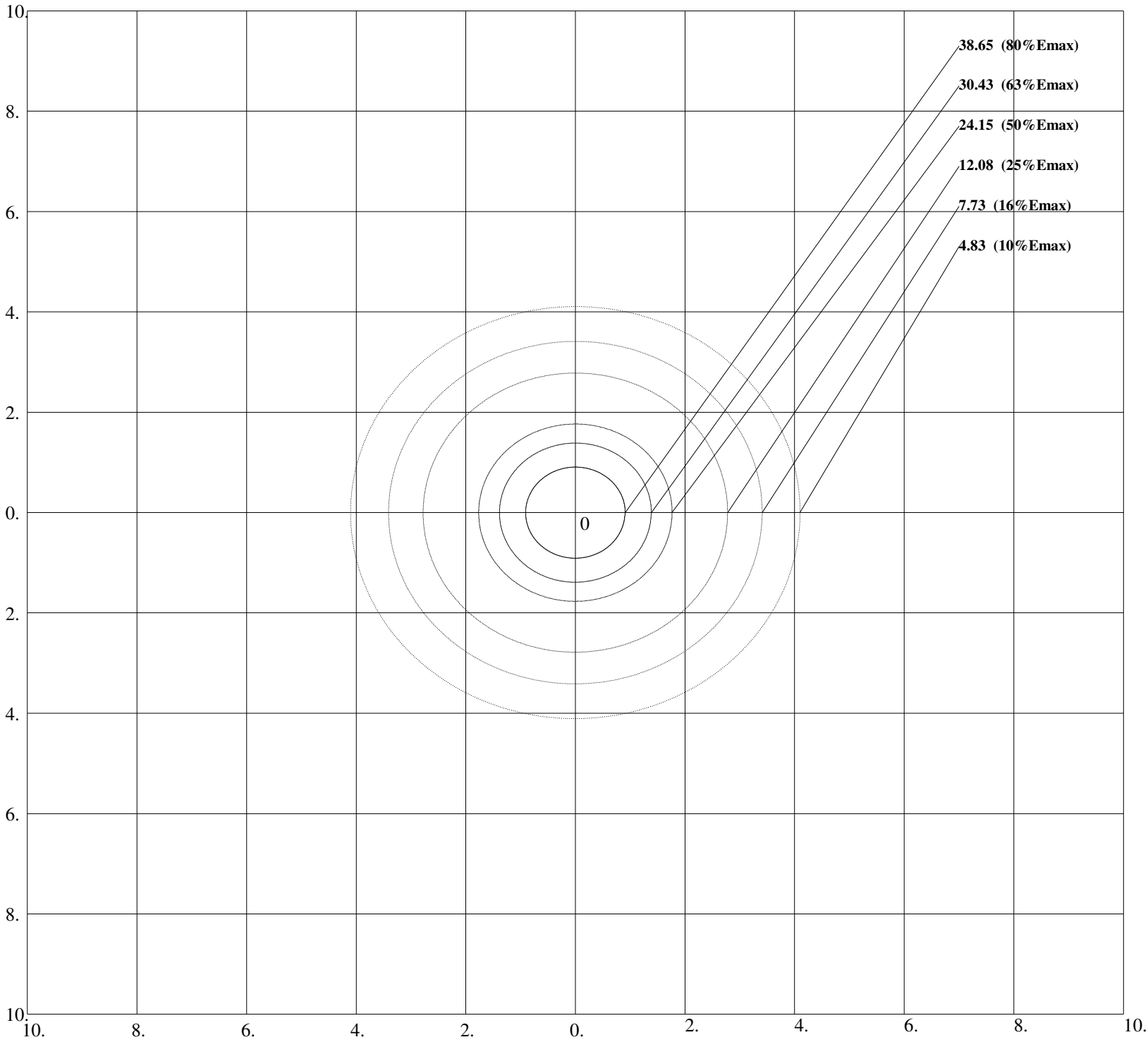


ISO-Candela V-H [Unit :cd] 8556-HO-90-3K



RP Lighting + Fans

Iso-Lux [Unit :lx] 8556-HO-90-3K



Units: lx
Height: 3 m
Max Illuminance : 48.31lx

RP Lighting + Fans
Lux-Distance Curve

