

RP Lighting + Fans

4931 Paseo Del Norte, Albuquerque, NM 87113

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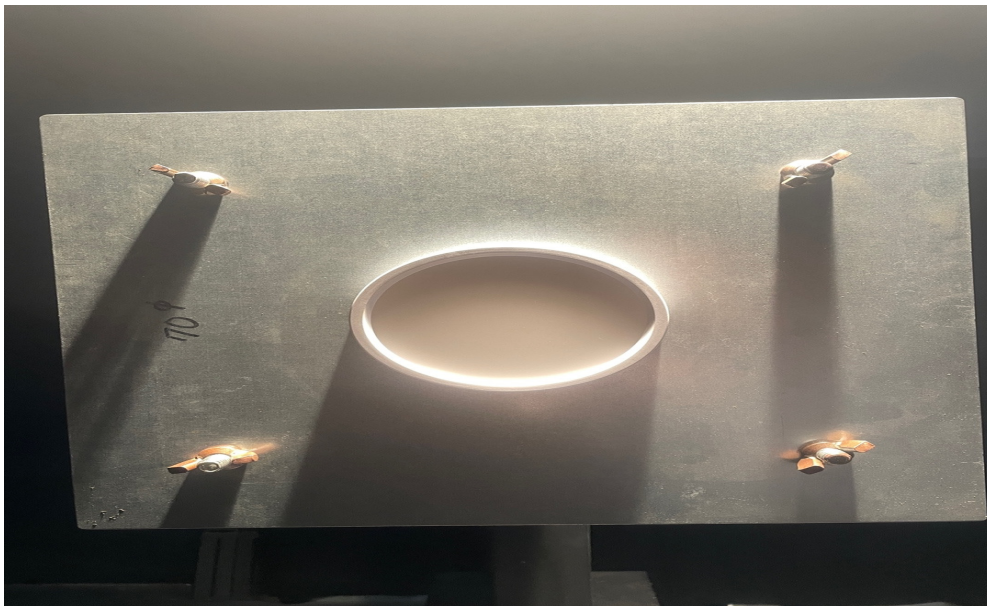
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Test Report of Luminaire

Report No.:

Luminaire Type	8739-1-HO-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2889K, CRI: 93.8Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.089
Power:	10.1	Power Factor	0.946
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	904.03 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	320.425cd	Central Intensity	320.425cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-90403.34%		
50%Imax Beam Width	C0_180[55.9 , -55.6] C90_270[56.2 , -55.2]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 8739-1-HO-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	320.4	318.4	313.2	305.7	295.6	283.1	268.2	251.2	232.3	211.4
5	320.4	318.4	313.3	305.9	295.8	283.3	268.4	251.5	232.4	211.6
10	320.4	318.4	313.3	305.9	295.9	283.3	268.6	251.6	232.5	211.8
15	320.4	318.3	313.4	305.9	295.9	283.5	268.6	251.6	232.7	211.8
20	320.4	318.4	313.4	306.0	296.0	283.5	268.7	251.8	232.8	212.1
25	320.4	318.4	313.5	306.0	296.1	283.6	268.8	251.8	232.9	212.1
30	320.4	318.4	313.5	306.1	296.0	283.7	268.9	251.9	233.0	212.3
35	320.4	318.5	313.6	306.1	296.2	283.7	269.1	252.0	233.1	212.3
40	320.4	318.5	313.5	306.1	296.2	283.8	269.1	252.0	233.2	212.4
45	320.4	318.4	313.6	306.1	296.3	283.9	269.1	252.2	233.2	212.5
50	320.4	318.4	313.6	306.2	296.3	283.8	269.1	252.3	233.4	212.6
55	320.4	318.5	313.4	306.2	296.3	283.8	269.2	252.3	233.4	212.7
60	320.4	318.5	313.5	306.3	296.3	283.9	269.3	252.4	233.5	212.8
65	320.4	318.5	313.6	306.2	296.3	284.0	269.3	252.3	233.5	212.9
70	320.4	318.5	313.5	306.2	296.3	283.9	269.3	252.5	233.6	212.9
75	320.4	318.4	313.5	306.2	296.3	284.0	269.3	252.4	233.6	213.0
80	320.4	318.5	313.6	306.3	296.4	283.9	269.3	252.4	233.6	213.0
85	320.4	318.4	313.6	306.3	296.3	284.0	269.3	252.4	233.6	212.9
90	320.4	318.5	313.4	306.2	296.3	283.8	269.3	252.2	233.5	212.9
95	320.4	318.4	313.5	306.3	296.3	283.9	269.2	252.3	233.6	212.9
100	320.4	318.5	313.5	306.1	296.3	283.9	269.2	252.3	233.5	212.8
105	320.4	318.3	313.5	306.0	296.2	283.8	269.1	252.2	233.4	212.7
110	320.4	318.4	313.4	306.0	296.1	283.7	269.0	252.1	233.2	212.6
115	320.4	318.5	313.4	305.9	296.1	283.7	268.9	251.9	233.1	212.4
120	320.4	318.4	313.2	306.0	296.0	283.5	268.8	251.9	232.9	212.4
125	320.4	318.3	313.3	305.8	295.9	283.4	268.7	251.8	232.9	212.2
130	320.4	318.2	313.1	305.9	295.8	283.3	268.5	251.6	232.7	211.9
135	320.4	318.2	313.1	305.8	295.7	283.2	268.4	251.4	232.5	211.8
140	320.4	318.2	313.1	305.6	295.7	283.1	268.3	251.3	232.3	211.5
145	320.4	318.2	313.0	305.4	295.5	283.0	268.1	251.1	232.1	211.4
150	320.4	318.0	313.0	305.4	295.3	282.8	267.9	250.9	232.0	211.1
155	320.4	318.2	312.9	305.3	295.3	282.6	267.9	250.7	231.7	211.0
160	320.4	318.0	312.8	305.2	295.1	282.6	267.5	250.5	231.5	210.7
165	320.4	318.0	312.8	305.2	295.0	282.4	267.4	250.4	231.4	210.4
170	320.4	318.0	312.8	305.1	294.9	282.2	267.4	250.1	231.1	210.3
175	320.4	317.8	312.7	305.0	294.8	282.2	267.1	250.0	231.0	210.1
180	320.4	317.9	312.6	304.8	294.7	282.0	267.1	249.8	230.7	209.9
185	320.4	317.8	312.5	304.9	294.5	281.8	266.8	249.7	230.6	209.7
190	320.4	317.8	312.4	304.7	294.5	281.6	266.7	249.5	230.4	209.5
195	320.4	317.7	312.3	304.7	294.4	281.5	266.6	249.3	230.2	209.3
200	320.4	317.8	312.3	304.7	294.2	281.5	266.4	249.2	230.1	209.2
205	320.4	317.7	312.2	304.5	294.2	281.3	266.3	249.0	229.9	209.0
210	320.4	317.7	312.2	304.4	294.1	281.3	266.1	248.9	229.7	208.8
215	320.4	317.7	312.3	304.3	294.1	281.1	266.0	248.8	229.6	208.7
220	320.4	317.7	312.2	304.5	293.9	281.1	266.0	248.7	229.5	208.5
225	320.4	317.7	312.2	304.3	293.9	280.9	265.8	248.6	229.4	208.4
230	320.4	317.6	312.2	304.3	293.9	281.0	265.8	248.4	229.3	208.3
235	320.4	317.7	312.1	304.4	293.8	280.9	265.8	248.4	229.3	208.3

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8739-1-HO-90-3K

240	320.4	317.6	312.1	304.3	293.8	280.9	265.8	248.4	229.2	208.2
245	320.4	317.5	312.1	304.3	293.8	280.8	265.8	248.4	229.2	208.1
250	320.4	317.4	312.2	304.3	293.8	281.0	265.7	248.4	229.1	208.1
255	320.4	317.6	312.1	304.3	293.8	280.8	265.7	248.5	229.2	208.2
260	320.4	317.5	312.2	304.3	293.9	281.0	265.8	248.5	229.2	208.2
265	320.4	317.5	312.1	304.3	293.9	281.1	265.9	248.5	229.4	208.2
270	320.4	317.5	312.2	304.3	294.1	281.0	265.8	248.6	229.4	208.4
275	320.4	317.5	312.2	304.3	294.0	281.2	266.0	248.7	229.4	208.4
280	320.4	317.5	312.2	304.4	294.1	281.3	266.1	248.8	229.6	208.7
285	320.4	317.5	312.2	304.4	294.0	281.4	266.3	248.9	229.7	208.6
290	320.4	317.6	312.2	304.5	294.2	281.4	266.3	249.1	229.9	208.8
295	320.4	317.6	312.3	304.6	294.2	281.5	266.4	249.2	230.0	209.0
300	320.4	317.5	312.3	304.8	294.3	281.7	266.6	249.4	230.2	209.1
305	320.4	317.5	312.4	304.7	294.5	281.8	266.6	249.5	230.4	209.4
310	320.4	317.6	312.4	304.8	294.5	281.9	266.9	249.7	230.5	209.6
315	320.4	317.7	312.4	304.8	294.6	282.1	267.0	249.7	230.7	209.7
320	320.4	317.6	312.6	304.9	294.7	282.3	267.1	250.0	230.8	209.9
325	320.4	317.7	312.6	305.0	294.9	282.3	267.4	250.1	231.0	210.2
330	320.4	317.7	312.7	305.1	295.0	282.4	267.4	250.2	231.2	210.3
335	320.4	317.7	312.7	305.2	295.0	282.5	267.6	250.4	231.4	210.6
340	320.4	317.7	312.6	305.1	295.2	282.6	267.7	250.5	231.6	210.8
345	320.4	317.8	312.8	305.4	295.2	282.8	267.8	250.7	231.7	211.0
350	320.4	317.8	312.8	305.4	295.5	282.8	268.0	250.9	231.9	211.1
355	320.4	317.7	312.9	305.5	295.5	282.9	268.0	251.0	232.0	211.3
360	320.4	318.4	313.2	305.7	295.6	283.1	268.2	251.2	232.3	211.4

C\G	50	55	60	65	70	75	80	85	90
0	188.9	164.7	139.3	113.0	86.5	60.5	35.9	14.0	0.6
5	189.0	164.9	139.5	113.1	86.6	60.6	36.1	14.1	0.6
10	189.2	165.1	139.6	113.3	86.8	60.8	36.2	14.3	0.6
15	189.3	165.3	139.8	113.5	86.9	60.9	36.4	14.4	0.6
20	189.6	165.4	140.0	113.6	87.1	61.1	36.5	14.5	0.6
25	189.7	165.6	140.1	113.8	87.2	61.2	36.6	14.6	0.6
30	189.8	165.6	140.3	113.9	87.4	61.3	36.8	14.7	0.6
35	189.9	165.8	140.4	114.1	87.5	61.5	36.9	14.9	0.7
40	190.0	165.9	140.5	114.2	87.7	61.6	37.1	14.9	0.6
45	190.1	166.1	140.6	114.3	87.8	61.8	37.2	15.1	0.6
50	190.1	166.1	140.7	114.4	88.0	61.9	37.3	15.2	0.6
55	190.4	166.2	140.8	114.6	88.1	62.0	37.4	15.3	0.7
60	190.4	166.3	140.9	114.7	88.2	62.2	37.6	15.3	0.7
65	190.3	166.4	141.0	114.7	88.3	62.3	37.7	15.4	0.7
70	190.4	166.5	141.0	114.9	88.4	62.4	37.7	15.5	0.7
75	190.5	166.4	141.1	114.9	88.4	62.5	37.8	15.6	0.7
80	190.5	166.4	141.1	114.9	88.5	62.5	37.9	15.6	0.7
85	190.4	166.4	141.1	114.9	88.5	62.5	37.9	15.6	0.7
90	190.4	166.4	141.1	114.9	88.4	62.5	37.9	15.7	0.7
95	190.4	166.4	141.0	114.8	88.4	62.5	37.9	15.7	0.7
100	190.3	166.2	141.0	114.8	88.3	62.4	37.9	15.7	0.7

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8739-1-HO-90-3K

105	190.2	166.2	140.9	114.7	88.2	62.3	37.8	15.6	0.7
110	190.1	166.1	140.7	114.5	88.1	62.2	37.7	15.6	0.7
115	190.0	165.9	140.6	114.4	88.0	62.1	37.6	15.5	0.7
120	189.8	165.8	140.5	114.2	87.8	61.9	37.5	15.4	0.7
125	189.7	165.7	140.2	114.1	87.6	61.7	37.3	15.3	0.7
130	189.5	165.4	140.0	113.8	87.4	61.6	37.2	15.2	0.7
135	189.3	165.3	139.8	113.6	87.2	61.4	37.0	15.0	0.7
140	189.2	165.0	139.6	113.4	87.0	61.2	36.8	14.9	0.7
145	189.0	164.8	139.4	113.1	86.7	61.0	36.6	14.7	0.7
150	188.6	164.6	139.1	112.9	86.5	60.7	36.4	14.5	0.7
155	188.4	164.3	138.9	112.6	86.3	60.4	36.1	14.3	0.6
160	188.3	164.1	138.6	112.4	86.0	60.2	35.9	14.2	0.6
165	188.0	163.8	138.4	112.1	85.7	59.9	35.7	14.0	0.6
170	187.7	163.6	138.1	111.9	85.5	59.7	35.4	13.8	0.6
175	187.5	163.3	137.9	111.6	85.2	59.4	35.2	13.6	0.6
180	187.2	163.1	137.6	111.3	84.9	59.1	35.0	13.5	0.6
185	187.1	162.8	137.3	111.1	84.7	58.8	34.7	13.3	0.6
190	186.9	162.6	137.1	110.8	84.4	58.6	34.5	13.1	0.6
195	186.7	162.4	136.8	110.5	84.1	58.4	34.4	13.0	0.6
200	186.5	162.2	136.6	110.3	83.9	58.2	34.2	12.8	0.6
205	186.3	162.0	136.5	110.1	83.7	58.0	34.0	12.7	0.6
210	186.2	161.8	136.2	109.9	83.5	57.8	33.9	12.6	0.6
215	186.0	161.7	136.1	109.8	83.3	57.7	33.7	12.5	0.6
220	185.8	161.5	135.9	109.6	83.2	57.5	33.6	12.3	0.6
225	185.7	161.4	135.8	109.5	83.1	57.4	33.5	12.2	0.6
230	185.5	161.2	135.7	109.4	83.0	57.4	33.5	12.2	0.6
235	185.5	161.1	135.6	109.3	82.9	57.3	33.4	12.1	0.6
240	185.5	161.0	135.5	109.3	82.9	57.2	33.4	12.0	0.6
245	185.4	161.0	135.4	109.3	82.9	57.3	33.4	12.0	0.6
250	185.3	161.0	135.4	109.2	82.9	57.3	33.4	11.9	0.6
255	185.5	161.0	135.4	109.2	82.9	57.3	33.4	12.0	0.6
260	185.4	161.1	135.4	109.3	82.9	57.4	33.5	12.0	0.6
265	185.6	161.2	135.4	109.3	82.9	57.4	33.6	12.0	0.6
270	185.6	161.3	135.7	109.4	83.1	57.5	33.6	12.1	0.6
275	185.7	161.4	135.8	109.5	83.2	57.6	33.7	12.2	0.6
280	185.8	161.5	135.9	109.6	83.3	57.8	33.9	12.3	0.6
285	186.0	161.6	136.1	109.8	83.5	57.9	34.0	12.4	0.6
290	186.1	161.8	136.3	110.0	83.7	58.1	34.1	12.5	0.6
295	186.3	162.1	136.5	110.2	83.9	58.2	34.2	12.6	0.6
300	186.5	162.2	136.7	110.4	84.1	58.4	34.3	12.7	0.6
305	186.7	162.4	136.8	110.7	84.3	58.6	34.4	12.8	0.6
310	186.9	162.6	137.1	110.9	84.5	58.7	34.5	12.9	0.6
315	187.0	162.8	137.3	111.0	84.7	58.9	34.7	13.0	0.6
320	187.4	163.0	137.5	111.3	84.9	59.1	34.8	13.1	0.6
325	187.5	163.2	137.7	111.5	85.1	59.2	35.0	13.2	0.6
330	187.7	163.6	138.0	111.7	85.3	59.4	35.1	13.2	0.6
335	188.1	163.8	138.2	111.9	85.5	59.6	35.2	13.4	0.6
340	188.2	163.9	138.4	112.1	85.7	59.8	35.4	13.5	0.6
345	188.5	164.2	138.6	112.4	85.9	59.9	35.5	13.7	0.6

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8739-1-HO-90-3K

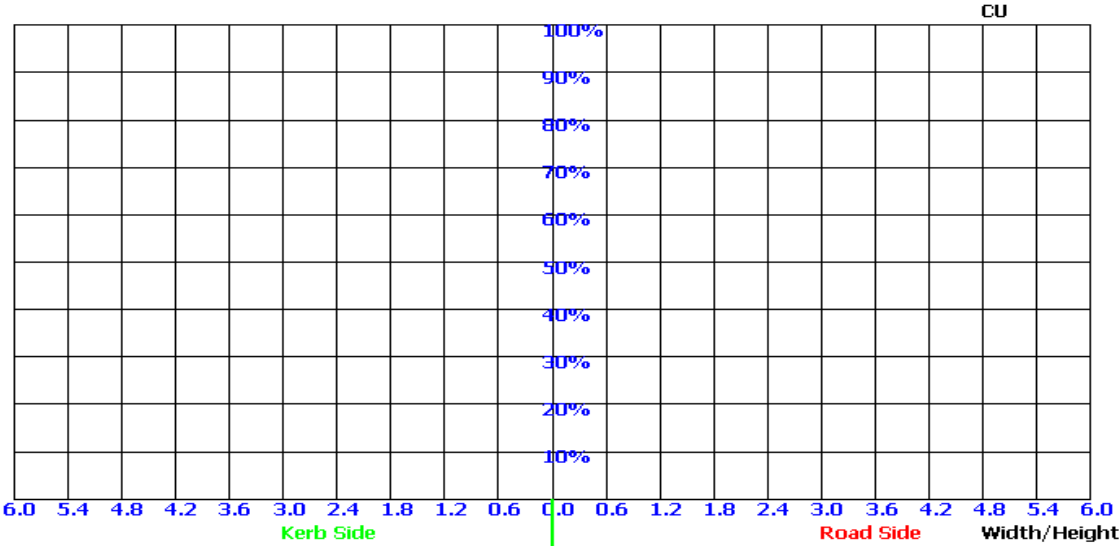
350	188.6	164.3	138.8	112.6	86.1	60.1	35.7	13.8	0.6
355	188.8	164.6	139.1	112.8	86.3	60.2	35.8	13.9	0.6
360	188.9	164.7	139.3	113.0	86.5	60.5	35.9	14.0	0.6

RP Lighting + Fans

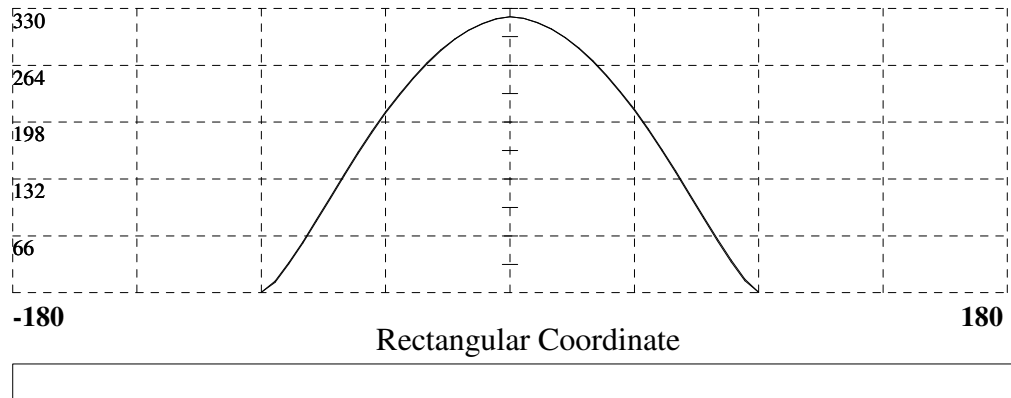
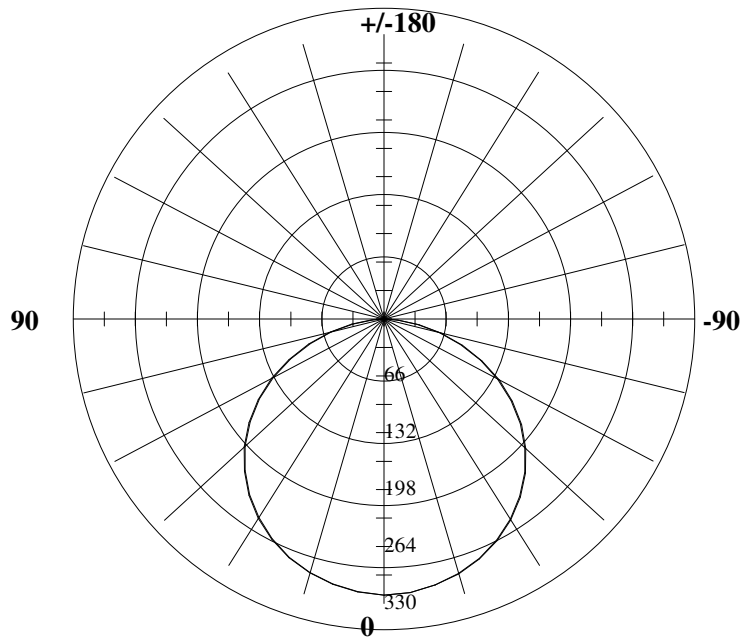
Zonal Flux 8739-1-HO-90-3K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	320.43	0.00	0.00	0.00	0.00
5	317.99	7.63	7.63	-763.21	-763.21
10	312.83	22.57	30.20	-2256.64	-3019.85
15	305.25	36.66	66.86	-3666.44	-6686.29
20	295.14	49.48	116.34	-4948.10	-11634.39
25	282.51	60.58	176.93	-6058.45	-17692.84
30	267.60	69.62	246.55	-6961.69	-24654.53
35	250.51	76.30	322.84	-7629.55	-32284.08
40	231.47	80.41	403.25	-8041.39	-40325.47
45	210.62	81.86	485.11	-8185.63	-48511.09
50	188.05	80.56	565.67	-8055.80	-56566.88
55	163.86	76.52	642.19	-7651.78	-64218.68
60	138.38	69.86	712.05	-6986.10	-71204.76
65	112.12	60.90	772.94	-6089.68	-77294.45
70	85.71	50.09	823.04	-5009.30	-82303.74
75	59.89	38.06	861.09	-3805.74	-86109.48
80	35.61	25.55	886.65	-2555.36	-88664.84
85	13.81	13.43	900.08	-1342.83	-90007.65
90	0.64	3.96	904.03	-395.68	-90403.33

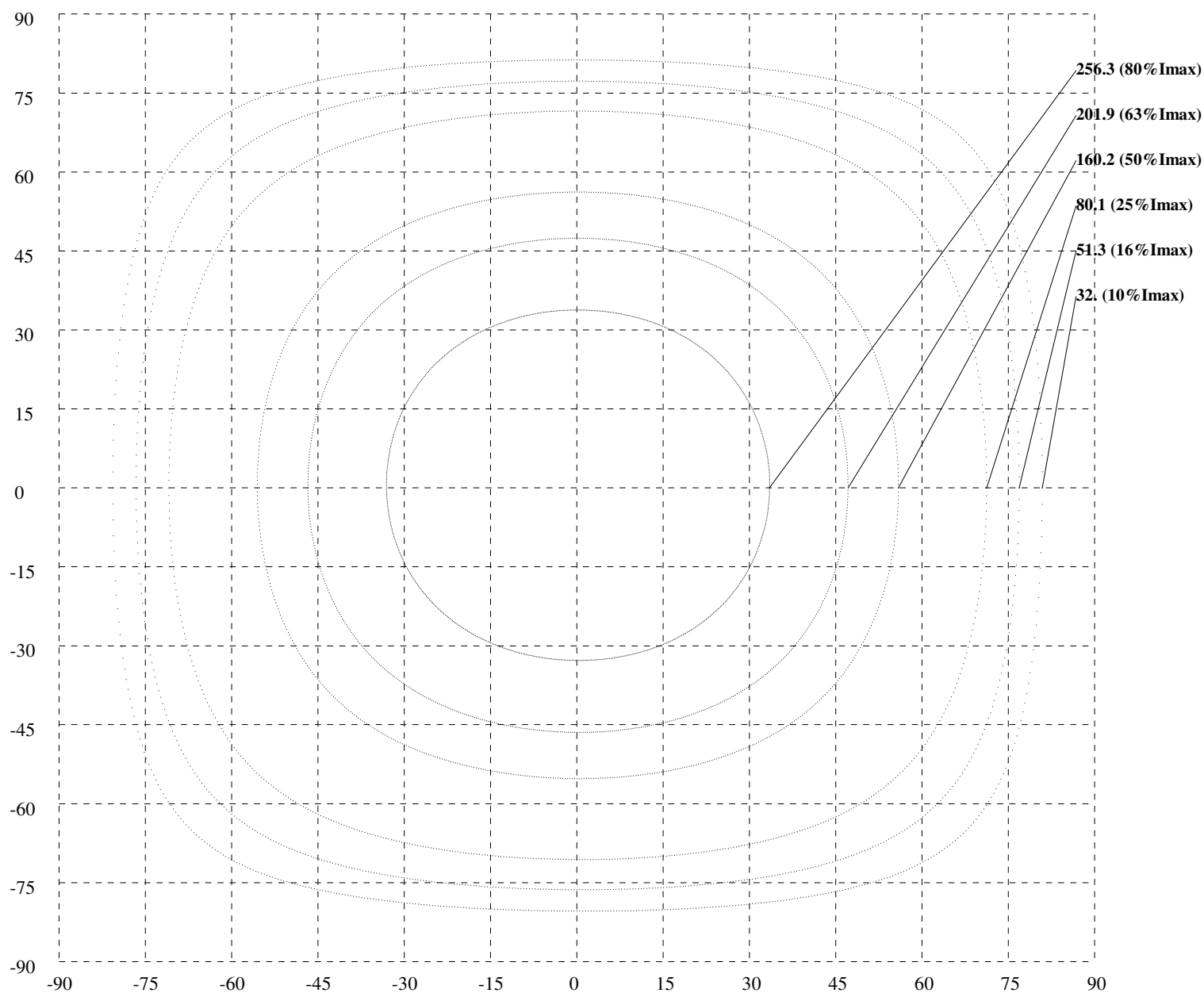
RP Lighting + Fans
Coefficient Utilization Curve 8739-1-HO-90-3K



Light Distribution Curve[Unit: cd]

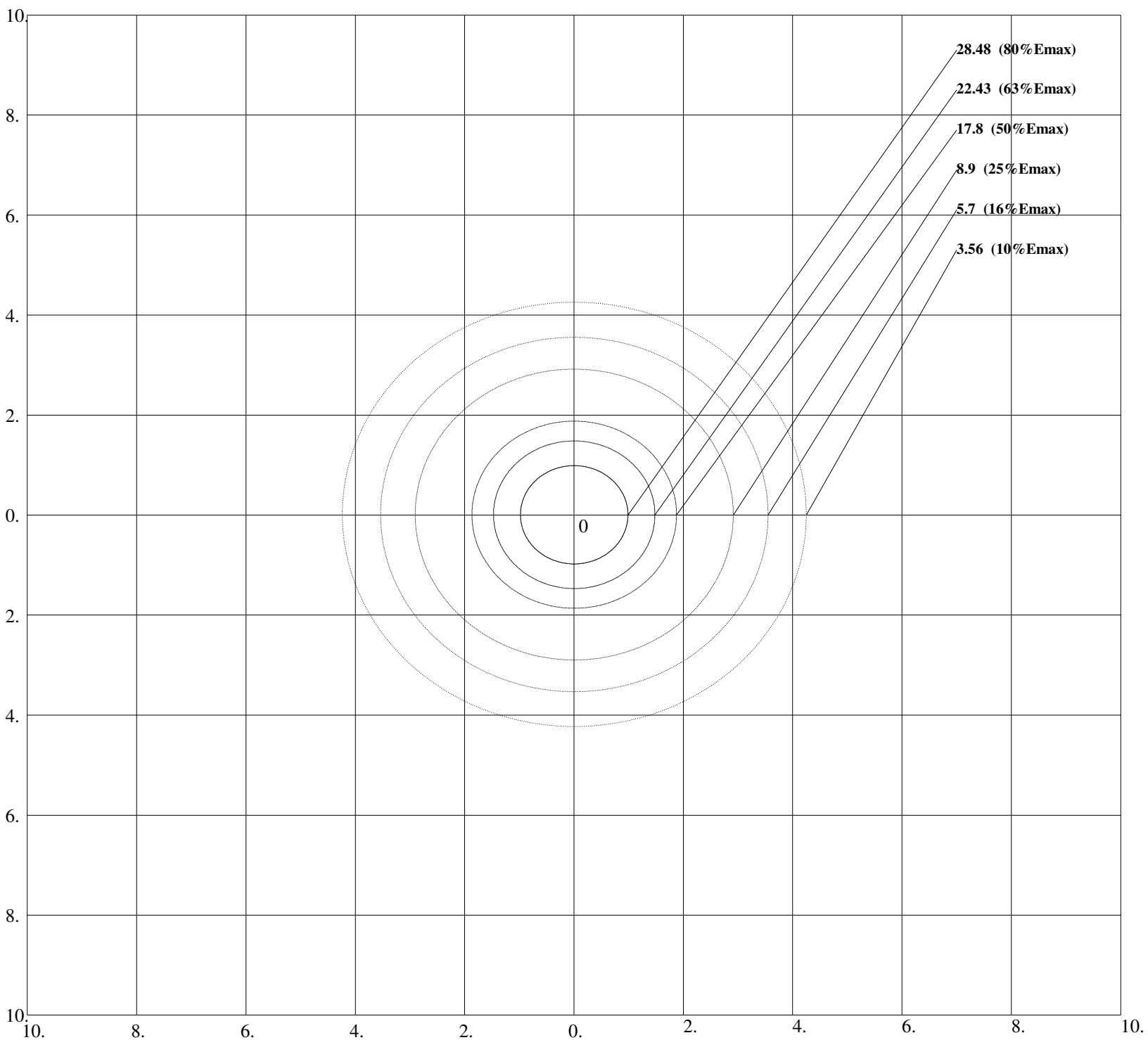


ISO-Candela V-H [Unit :cd] 8739-1-HO-90-3K



RP Lighting + Fans

Iso-Lux [Unit :lx] 8739-1-HO-90-3K



Units: lx
Height: 3 m
Max Illuminance : 35.6lx

***RP Lighting + Fans
Lux-Distance Curve***

