

RP Lighting + Fans

4931 Paseo Del Norte NE, Albuquerque, NM 87113

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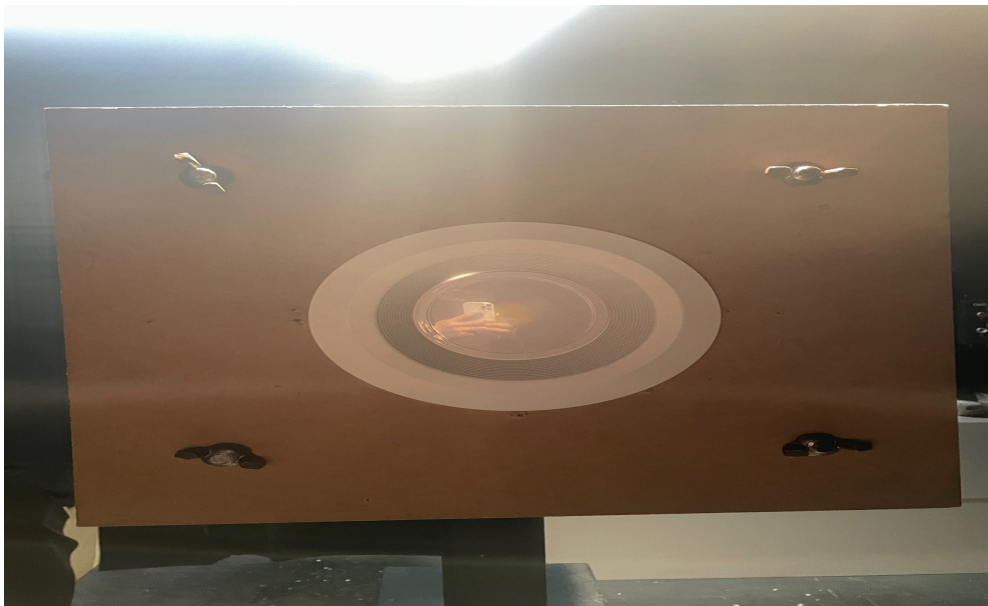
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Test Report of Luminaire

Report No.:

Luminaire Type	8523-HO-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3211K, CRI: 93.9Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.119
Power:	12.9	Power Factor	0.897
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	1208.45 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	600.336cd	Central Intensity	600.336cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-120844.7%		
50%Imax Beam Width	C0_180[46.2 , -45.5] C90_270[46.8 , -45.4]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 8523-HO-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	600.3	598.3	587.9	574.3	561.4	545.1	528.2	504.6	441.9	332.9
5	600.3	598.1	588.2	574.5	560.8	545.0	529.4	503.7	442.6	335.1
10	600.3	597.8	588.5	574.6	560.4	546.3	530.0	504.1	443.4	336.3
15	600.3	597.6	588.2	574.7	560.5	546.7	529.4	505.3	445.2	338.6
20	600.3	597.8	588.8	574.9	559.9	546.0	530.1	505.8	447.2	340.7
25	600.3	598.0	588.6	574.3	560.0	546.2	531.6	507.6	449.8	342.7
30	600.3	598.2	588.4	574.5	560.8	546.5	531.9	508.6	450.4	344.6
35	600.3	598.5	588.4	574.6	561.3	546.4	531.7	509.1	453.3	346.4
40	600.3	598.5	588.5	574.5	562.1	546.3	531.3	510.1	454.4	348.0
45	600.3	598.1	588.5	574.5	560.2	546.7	532.8	510.9	456.3	349.0
50	600.3	598.6	588.2	573.7	559.9	547.9	532.5	511.3	458.8	350.5
55	600.3	598.5	587.3	572.5	560.0	547.4	531.5	511.7	459.1	352.6
60	600.3	598.0	586.9	572.4	560.7	546.8	531.6	512.1	461.2	352.9
65	600.3	598.7	586.1	573.2	561.5	545.9	531.5	511.5	462.9	354.5
70	600.3	597.9	586.5	573.8	560.2	544.3	531.7	512.9	464.2	354.5
75	600.3	597.9	586.4	573.8	559.8	543.9	531.1	513.0	464.7	354.7
80	600.3	598.4	586.5	573.8	558.7	544.1	531.0	513.6	465.1	354.8
85	600.3	597.5	586.8	573.5	557.9	544.2	531.1	513.1	464.7	355.4
90	600.3	597.6	586.8	574.0	558.2	544.0	530.3	512.7	466.2	355.1
95	600.3	598.2	586.1	573.7	559.0	544.9	530.1	512.7	464.8	353.9
100	600.3	597.1	585.9	574.5	558.6	545.0	531.5	512.6	463.7	352.9
105	600.3	597.6	585.6	574.4	557.8	545.2	531.7	512.0	463.3	350.7
110	600.3	596.8	586.2	574.7	558.0	545.4	532.1	512.3	463.1	349.3
115	600.3	597.0	585.8	573.9	557.5	544.9	531.8	512.3	462.4	347.0
120	600.3	597.7	586.7	573.5	558.0	545.8	533.2	511.8	460.9	345.6
125	600.3	597.7	586.2	574.1	559.7	545.7	530.8	511.7	461.2	342.0
130	600.3	597.4	587.1	574.3	560.9	546.0	530.2	510.9	458.7	339.0
135	600.3	597.5	586.8	573.0	560.5	544.6	529.8	510.8	457.6	336.5
140	600.3	598.5	587.7	573.4	560.3	544.4	529.3	509.4	455.9	334.2
145	600.3	597.7	588.0	573.5	560.7	543.5	529.0	509.0	454.9	331.7
150	600.3	596.9	587.6	574.0	561.4	543.7	528.6	508.9	453.8	329.8
155	600.3	597.1	585.4	574.9	560.7	542.5	527.8	507.7	451.9	326.7
160	600.3	597.2	586.1	573.6	559.7	543.5	527.1	507.9	450.4	324.3
165	600.3	596.5	585.6	573.0	559.0	543.9	528.4	506.7	448.5	321.1
170	600.3	596.1	583.9	573.0	559.2	543.6	529.2	505.5	447.4	318.8
175	600.3	596.4	584.6	573.8	559.8	543.2	528.7	504.7	444.3	315.9
180	600.3	596.6	585.2	574.7	558.6	541.9	527.2	505.0	443.5	313.5
185	600.3	596.9	586.0	574.3	557.4	543.0	527.6	502.4	440.7	311.8
190	600.3	596.7	585.9	573.2	556.2	542.9	526.7	502.2	439.6	309.0
195	600.3	597.0	585.0	572.5	556.2	542.6	525.4	501.9	438.8	308.1
200	600.3	595.6	584.8	571.3	556.3	541.0	524.6	502.1	437.5	307.3
205	600.3	596.1	584.0	570.3	556.5	541.1	523.8	501.9	437.1	306.8
210	600.3	595.5	584.5	569.8	555.3	540.7	523.5	502.1	437.7	306.4
215	600.3	596.5	584.9	570.1	554.1	540.6	523.7	500.9	436.8	305.5
220	600.3	596.2	585.5	570.1	554.3	539.7	524.5	501.0	436.2	305.4
225	600.3	595.4	584.4	569.4	554.3	539.1	525.0	501.6	435.5	304.9
230	600.3	594.3	583.2	568.6	554.5	538.0	524.5	501.9	436.3	304.8
235	600.3	594.9	582.7	569.3	553.7	538.1	524.5	502.7	436.4	305.3

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Photometric Data Table [Unit:cd] 8523-HO-90-3K

240	600.3	595.0	584.4	568.5	554.6	537.4	524.3	502.8	437.3	306.2
245	600.3	595.1	583.6	569.5	555.2	537.9	525.9	504.2	437.3	307.3
250	600.3	595.3	583.0	570.6	555.0	539.4	524.7	505.5	438.8	308.5
255	600.3	595.6	582.6	570.6	554.6	540.0	525.1	504.5	438.6	309.7
260	600.3	596.2	583.4	569.1	554.3	539.7	526.1	503.8	438.2	310.6
265	600.3	596.0	583.4	570.2	554.5	538.7	524.4	503.4	437.5	310.3
270	600.3	596.5	583.8	570.2	553.7	539.6	523.6	503.3	436.8	310.7
275	600.3	596.4	584.2	570.4	553.7	541.4	524.3	503.0	435.4	311.3
280	600.3	596.1	585.2	571.0	553.9	540.6	524.6	503.3	436.4	312.7
285	600.3	596.4	585.6	571.4	555.0	540.6	524.4	502.4	436.0	313.7
290	600.3	596.3	585.9	571.5	555.9	541.9	525.8	502.9	435.7	314.3
295	600.3	596.7	586.0	571.6	555.9	541.2	524.2	503.3	435.3	315.7
300	600.3	596.8	586.0	572.4	556.1	541.4	524.4	501.2	436.0	316.7
305	600.3	598.0	586.8	572.8	556.5	542.8	524.4	501.7	435.6	317.4
310	600.3	598.2	586.9	572.4	557.4	542.5	525.3	501.5	436.1	318.0
315	600.3	598.0	586.7	572.4	557.1	541.7	526.5	500.4	435.7	319.6
320	600.3	598.6	587.2	573.4	557.5	541.8	527.3	501.7	435.8	321.4
325	600.3	598.7	587.2	573.7	558.6	543.6	527.2	502.2	435.7	322.0
330	600.3	599.0	587.8	574.4	559.9	544.3	527.5	502.0	436.9	323.1
335	600.3	598.6	587.7	573.3	560.1	544.0	528.3	503.0	437.4	324.1
340	600.3	598.3	587.7	572.5	559.9	544.8	529.1	503.1	436.6	325.2
345	600.3	598.6	588.0	571.8	559.8	544.1	528.9	503.5	438.9	327.1
350	600.3	598.2	587.8	572.1	560.3	543.9	530.1	504.1	439.3	328.7
355	600.3	597.4	587.5	573.7	561.1	545.5	530.0	502.7	441.2	331.1
360	600.3	598.3	587.9	574.3	561.4	545.1	528.2	504.6	441.9	332.9

C\G	50	55	60	65	70	75	80	85	90
0	194.0	95.7	62.4	46.4	35.3	28.4	18.9	6.9	0.7
5	195.4	96.2	62.6	46.6	35.4	28.5	18.9	7.0	0.7
10	196.9	96.7	62.9	46.8	35.6	28.6	19.0	7.1	0.7
15	198.3	97.1	63.1	47.0	35.7	28.7	19.2	7.2	0.7
20	199.3	97.4	63.2	47.1	35.9	28.7	19.3	7.3	0.7
25	200.3	97.8	63.4	47.3	36.0	28.8	19.4	7.3	0.7
30	201.3	98.0	63.6	47.5	36.1	28.8	19.5	7.2	0.7
35	201.6	98.1	63.8	47.6	36.2	28.9	19.6	7.1	0.7
40	202.2	98.2	63.9	47.7	36.4	28.9	19.6	7.2	0.7
45	202.2	98.4	64.1	47.9	36.5	29.0	19.7	7.2	0.7
50	202.3	98.3	64.1	48.0	36.6	29.0	19.8	7.3	0.7
55	202.6	98.4	64.2	48.0	36.6	29.0	19.9	7.6	0.7
60	203.2	98.4	64.3	48.1	36.7	29.0	19.9	7.8	0.7
65	203.0	98.5	64.4	48.2	36.7	29.0	20.0	8.1	0.7
70	202.7	98.6	64.5	48.2	36.8	29.1	20.1	8.2	0.7
75	202.1	98.6	64.5	48.3	36.8	29.1	20.1	8.3	0.7
80	202.0	98.7	64.6	48.3	36.9	29.1	20.1	8.3	0.7
85	201.3	98.8	64.6	48.3	36.9	29.2	20.2	8.4	0.7
90	200.6	98.8	64.7	48.3	36.9	29.2	20.2	8.4	0.7
95	199.9	98.8	64.7	48.4	37.0	29.2	20.2	8.4	0.7
100	198.7	98.7	64.6	48.3	37.0	29.2	20.2	8.4	0.7

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Photometric Data Table [Unit:cd] 8523-HO-90-3K

105	197.5	98.5	64.5	48.3	36.9	29.2	20.3	8.4	0.7
110	196.5	98.3	64.5	48.3	36.9	29.3	20.2	8.4	0.7
115	195.2	98.0	64.4	48.3	36.9	29.3	20.2	8.3	0.7
120	193.8	97.7	64.3	48.2	36.8	29.3	20.2	8.2	0.7
125	192.1	97.3	64.1	48.1	36.7	29.3	20.1	8.0	0.7
130	190.7	96.7	64.0	48.0	36.7	29.3	20.0	7.9	0.7
135	188.9	96.3	63.8	47.9	36.6	29.3	19.9	7.8	0.7
140	187.5	95.7	63.7	47.8	36.5	29.2	19.8	7.7	0.7
145	185.9	95.1	63.5	47.7	36.4	29.1	19.7	7.6	0.7
150	184.6	94.6	63.2	47.6	36.2	29.0	19.5	7.6	0.7
155	182.8	94.0	63.0	47.4	36.1	28.8	19.4	7.6	0.7
160	181.0	93.3	62.8	47.3	36.0	28.7	19.2	7.5	0.7
165	179.2	92.6	62.6	47.2	35.8	28.5	19.1	7.4	0.7
170	177.4	91.9	62.3	47.0	35.7	28.3	18.9	7.3	0.7
175	175.7	91.2	62.1	46.9	35.6	28.1	18.8	7.1	0.7
180	174.3	90.5	61.8	46.7	35.5	27.9	18.6	7.0	0.7
185	172.3	89.8	61.5	46.6	35.4	27.6	18.4	6.9	0.7
190	170.6	89.1	61.3	46.4	35.2	27.4	18.3	6.8	0.7
195	169.0	88.5	61.0	46.3	35.1	27.1	18.2	6.7	0.7
200	167.3	87.8	60.8	46.1	35.0	26.9	18.0	6.6	0.7
205	165.9	87.3	60.6	46.0	34.9	26.7	17.8	6.5	0.7
210	164.6	86.7	60.3	45.9	34.9	26.4	17.7	6.2	0.7
215	163.6	86.2	60.1	45.8	34.7	26.3	17.6	5.9	0.7
220	162.3	85.7	59.9	45.6	34.6	26.1	17.4	5.7	0.7
225	161.5	85.4	59.8	45.5	34.5	25.9	17.3	5.6	0.7
230	160.9	85.0	59.6	45.4	34.4	25.8	17.2	5.5	0.7
235	160.7	84.8	59.5	45.2	34.3	25.7	17.1	5.5	0.7
240	160.8	84.6	59.4	45.1	34.3	25.6	17.0	5.6	0.7
245	160.7	84.6	59.3	45.1	34.2	25.6	16.9	5.6	0.7
250	161.4	84.6	59.2	45.0	34.2	25.5	16.8	5.7	0.7
255	162.0	84.6	59.2	44.9	34.2	25.6	16.8	5.6	0.7
260	162.8	84.7	59.2	44.8	34.1	25.6	16.8	5.6	0.7
265	163.5	84.9	59.2	44.8	34.2	25.6	16.8	5.5	0.7
270	164.4	85.2	59.2	44.8	34.1	25.7	16.8	5.5	0.7
275	165.9	85.4	59.2	44.8	34.1	25.8	16.8	5.5	0.7
280	167.4	85.8	59.3	44.8	34.1	26.0	16.8	5.5	0.7
285	169.3	86.2	59.4	44.8	34.1	26.1	16.9	5.6	0.7
290	171.2	86.8	59.5	44.8	34.0	26.3	17.0	5.6	0.7
295	172.6	87.3	59.6	44.8	34.0	26.5	17.1	5.5	0.7
300	174.4	87.9	59.7	44.9	34.0	26.6	17.2	5.5	0.7
305	176.4	88.5	59.9	44.9	34.0	26.9	17.3	5.2	0.7
310	178.2	89.2	60.0	45.0	34.0	27.0	17.4	5.2	0.7
315	179.7	89.8	60.2	45.0	34.0	27.2	17.6	5.2	0.7
320	181.8	90.5	60.4	45.1	34.1	27.4	17.7	5.3	0.7
325	183.8	91.1	60.7	45.2	34.1	27.6	17.9	5.6	0.7
330	185.5	91.9	60.9	45.4	34.2	27.7	18.0	5.9	0.7
335	187.1	92.6	61.1	45.5	34.4	27.8	18.2	6.2	0.7
340	188.5	93.2	61.3	45.6	34.5	28.0	18.3	6.5	0.7
345	189.7	93.9	61.6	45.8	34.7	28.1	18.4	6.6	0.7

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8523-HO-90-3K

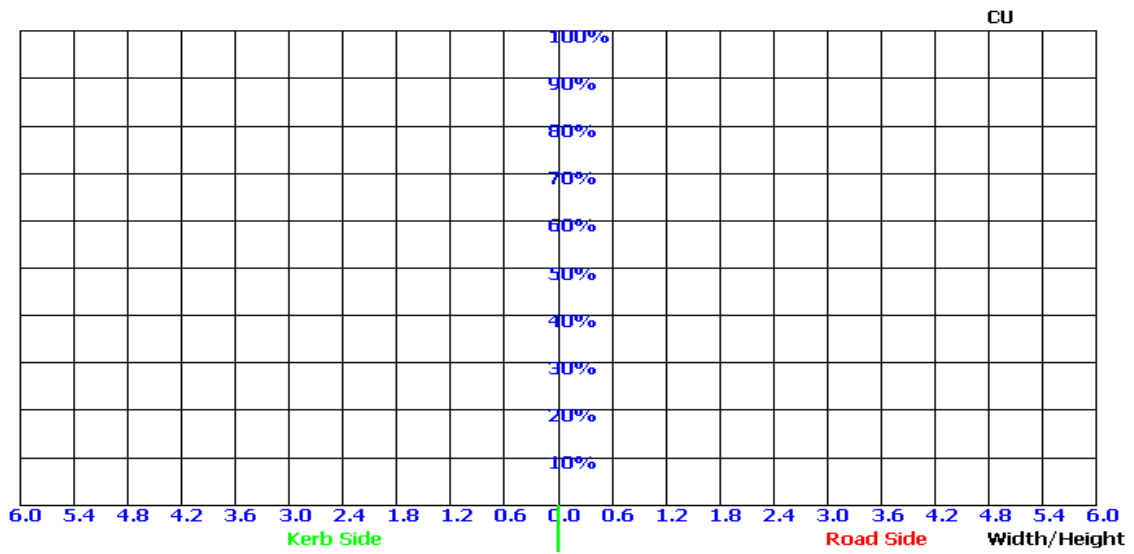
350	191.2	94.5	61.9	46.0	34.8	28.2	18.6	6.7	0.7
355	192.2	95.1	62.1	46.2	35.0	28.4	18.7	6.8	0.7
360	194.0	95.7	62.4	46.4	35.3	28.4	18.9	6.9	0.7

RP Lighting+ Fans

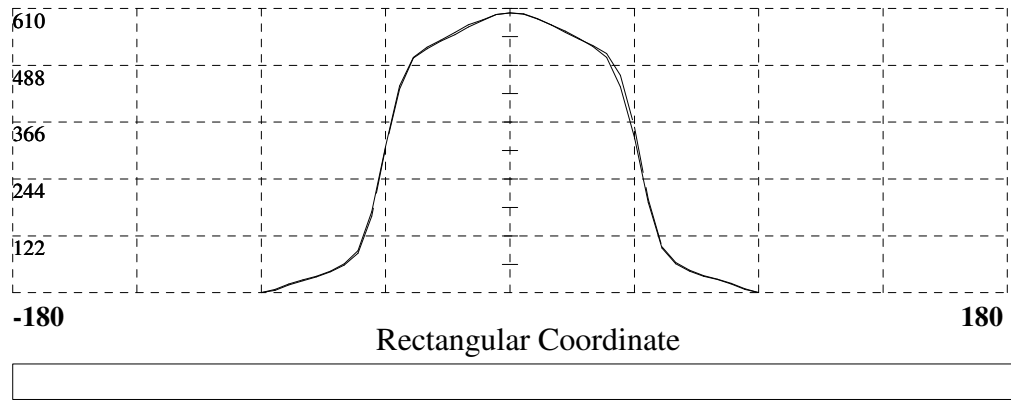
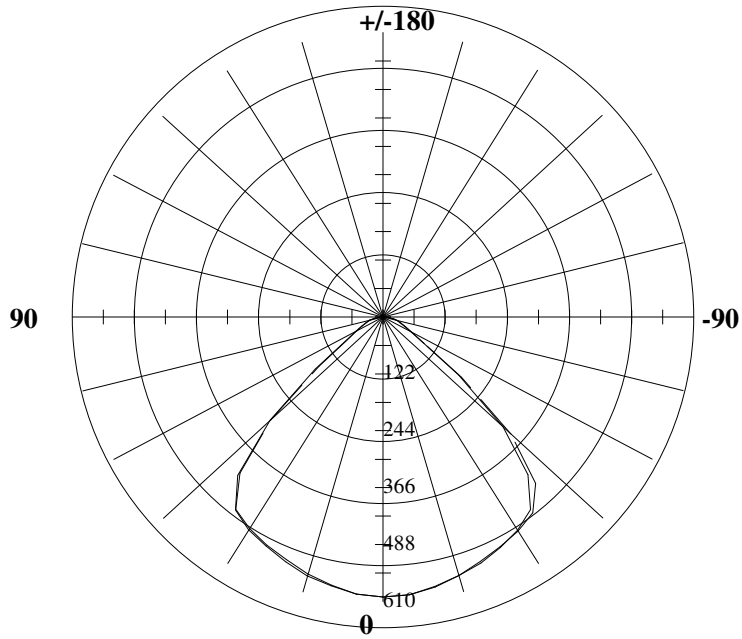
Zonal Flux 8523HO903K

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	600.34	0.00	0.00	0.00	0.00
5	597.20	14.32	14.32	-1431.62	-1431.62
10	586.19	42.33	56.65	-4233.37	-5664.99
15	572.69	68.74	125.39	-6874.39	-12539.38
20	558.11	93.19	218.59	-9319.34	-21858.72
25	543.24	115.51	334.10	-11551.08	-33409.79
30	528.12	135.58	469.68	-13558.19	-46967.99
35	506.16	152.31	621.99	-15230.55	-62198.55
40	446.65	158.97	780.96	-15896.95	-78095.51
45	327.96	143.43	924.38	-14342.58	-92438.08
50	183.37	103.32	1027.70	-10332.07	-102770.14
55	92.48	59.98	1087.68	-5997.79	-108767.92
60	61.98	35.70	1123.38	-3570.22	-112338.13
65	46.57	26.39	1149.77	-2638.68	-114976.82
70	35.41	20.76	1170.53	-2075.76	-117052.56
75	27.82	16.53	1187.06	-1652.95	-118705.53
80	18.61	12.43	1199.48	-1242.53	-119948.05
85	6.81	6.91	1206.39	-690.88	-120638.93
90	0.70	2.06	1208.45	-205.70	-120844.60

RP Lighting + Fans
Coefficient Utilization Curve 8523-HO-90-3K

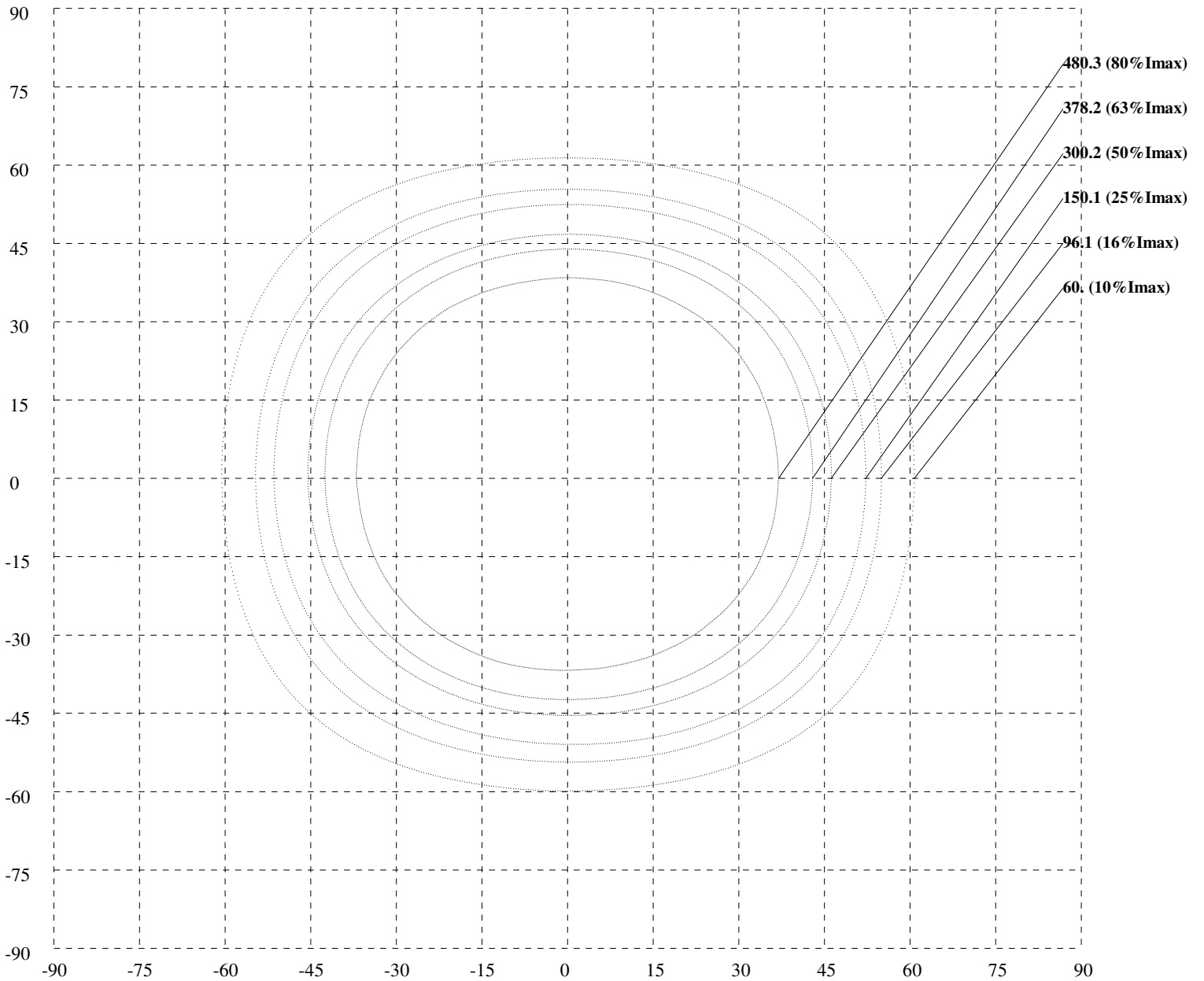


Light Distribution Curve[Unit: cd]



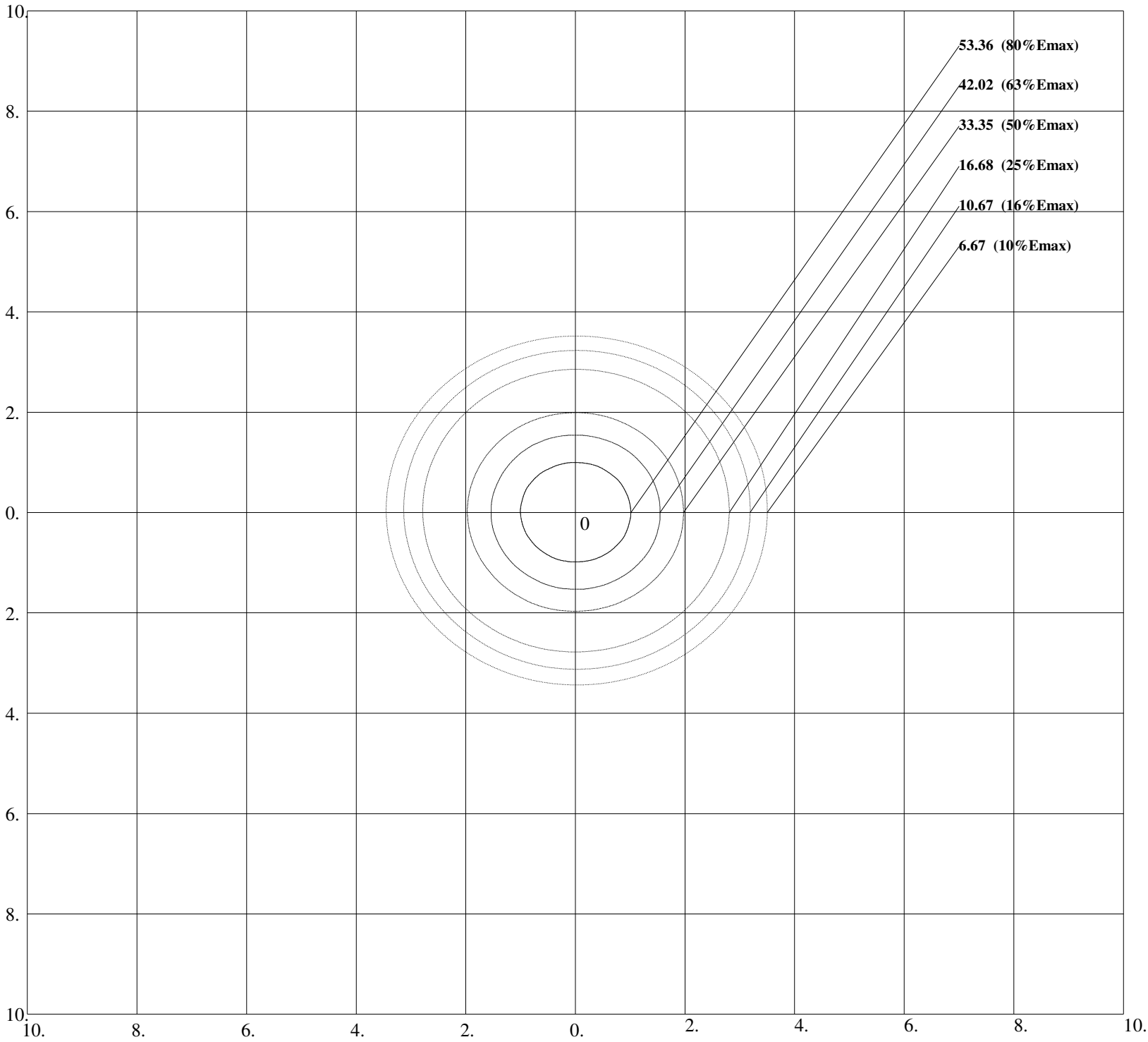
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8523-HO-90-3K



RP Lighting + Fans

Iso-Lux [Unit :l 8523-HO-90-3K



Units: lx
Height: 3 m
Max Illuminance : 66.7lx

RP Lighting+ Fans
Lux-Distance Curve

