

Sample : PAR30L-11-930-35D-DIM
Specification :
Sample No. :
Manufacturer : RAB Lighting Inc.
Assessor : cuiquan
Remark :
Device SN :

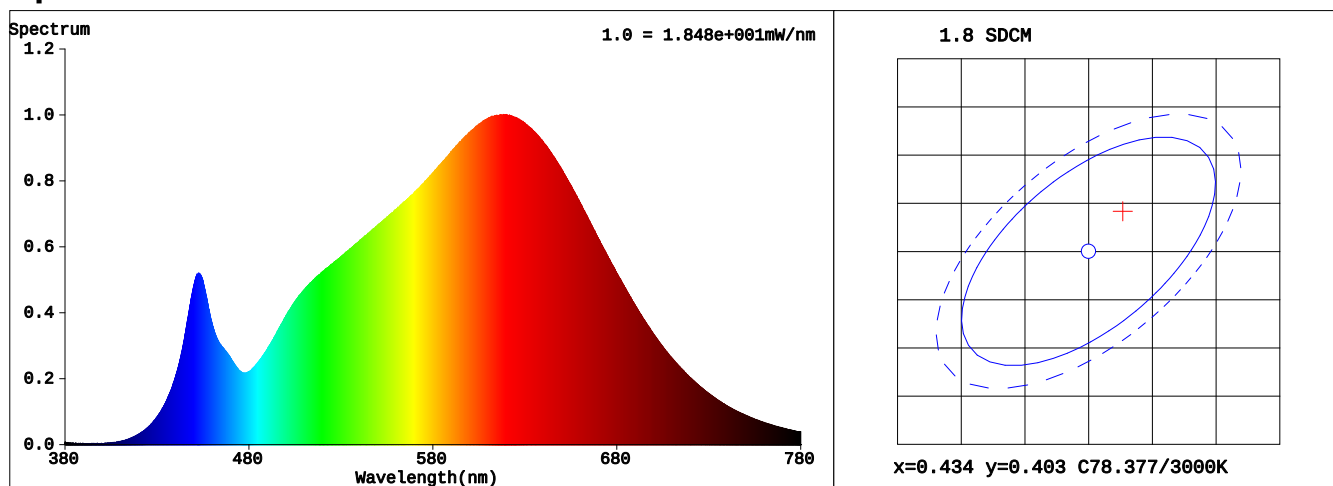
Date : 2020-04-21 09:58:38
Sam. Status :
Standard : LM-79-80
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

Temperature : 25.5Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 30.1%
IP : 52795 (81%)
T : 204 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4366$ $y = 0.4074$ / $u' = 0.2489$ $v' = 0.5226$ ($duv=1.35e-03$)

CCT= 3033K Prcp WL: Ld=582.2nm Purity=53.3%

Peak WL: Lp=618nm FWHM: =166.6nm Ratio:R=23.8% G=73.5% B=2.8%

Render Index: Ra = 91.6 TM30:Rf=92 Rg=98

EEL: 0.14073 A+

R1 =91 R2 =95 R3 =98 R4 =92 R5 =91 R6 =94 R7 =92
R8 =80 R9 =55 R10=88 R11=92 R12=79 R13=92 R14=98 R15=87
LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

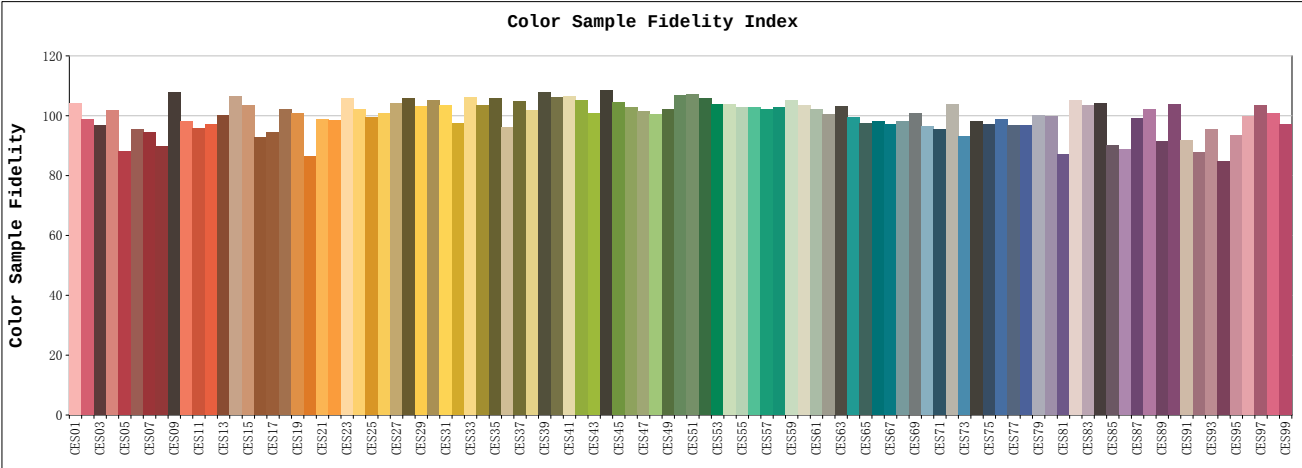
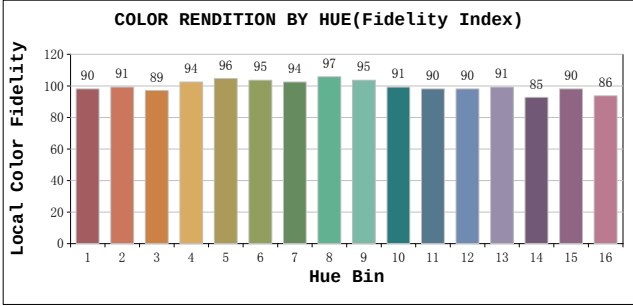
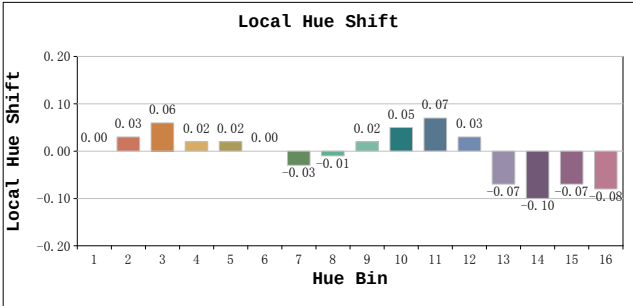
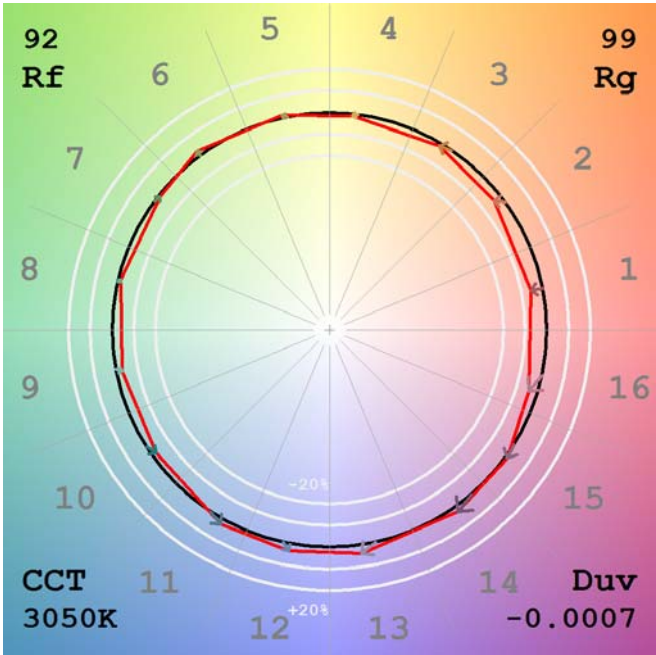
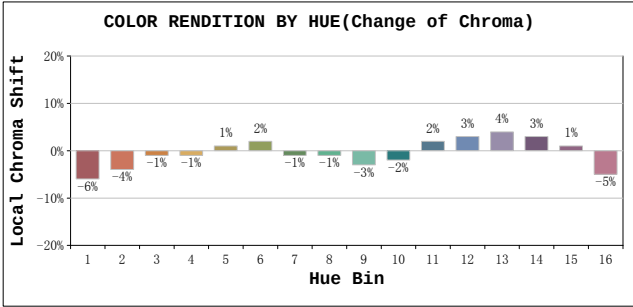
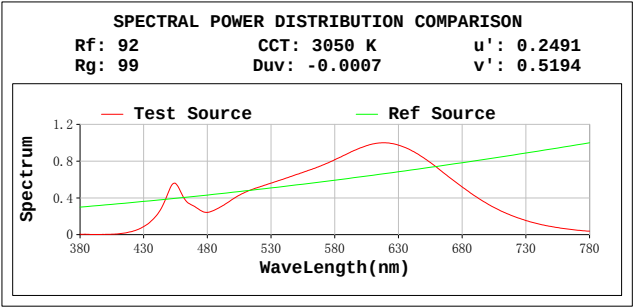
Flux = 949.07 lm Eff. : 91.61 lm/W Fe = 3.2568 W

Flux of emitted photons($\mu\text{mol/s}$):16.126 Fluo. and blue light ratio:10.81 Fluorescent eff.:276.6

Electrical parameters

V = 120.02 V I = 0.08980 A P = 10.36 W PF = 0.9612

TM30

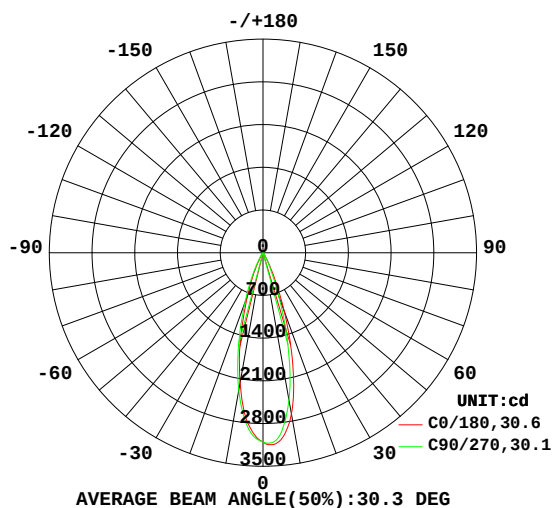


LUMINAIRE PHOTOMETRIC TEST REPORT

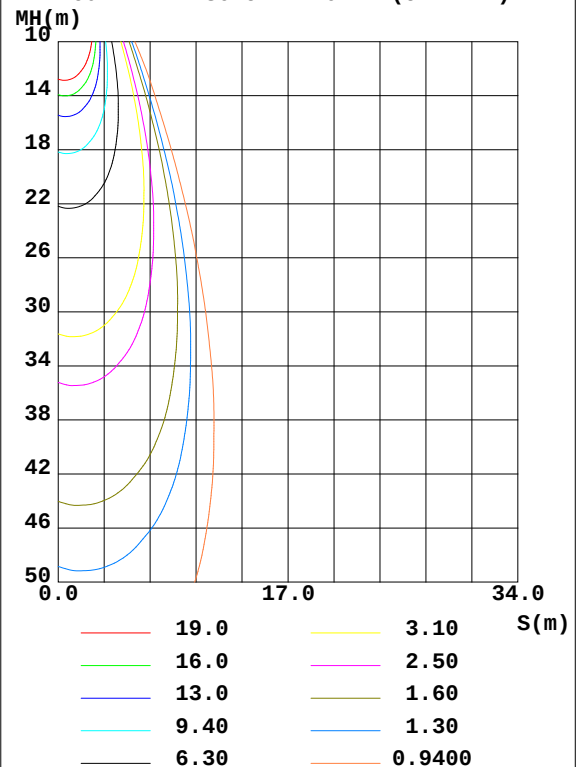
NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 96.01 lm/W
MODEL	PAR30	Imax(cd)	3165	S/MH(C0/180)	0.47	
NOMINAL POWER(W)	11	LOR(%)	100.0	S/MH(C90/270)	0.50	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	992.72	η UP, DN(C0-180)	0.0, 50.1	
NOMINAL FLUX(lm)	992.716	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.8	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	0.50	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
 Test Date: 2020-04-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.900m [K=0.6268]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

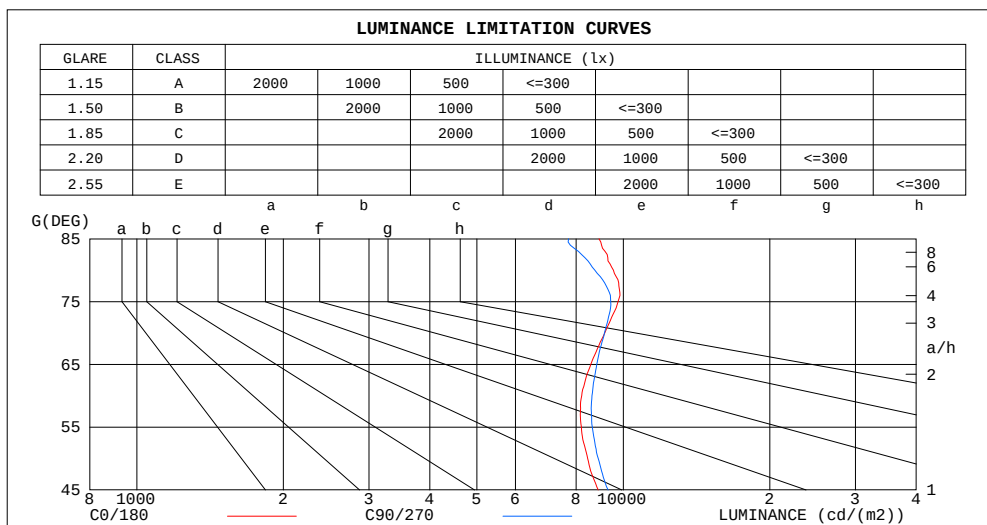
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	3099	3117	3024	2898	2810	2777	2866	3006	0- 5	72.51	72.51	7.3,7.3
10	2687	2622	2452	2296	2164	2134	2288	2551	5- 10	191.1	263.6	26.6,26.6
15	1890	1788	1597	1483	1398	1385	1545	1821	10- 15	236.4	500.0	50.4,50.4
20	1015	897.5	761.2	734.3	729.3	736.2	853.5	1034	15- 20	197.2	697.2	70.2,70.2
25	403.4	337.8	287.8	293.8	316.4	336.3	411.1	497.6	20- 25	119.5	816.7	82.3,82.3
30	127.3	114.4	104.3	93.88	97.26	110.5	153.3	175.5	25- 30	56.14	872.9	87.9,87.9
35	49.05	53.66	56.54	49.19	45.11	46.14	66.02	70.64	30- 35	23.29	896.1	90.3,90.3
40	37.29	42.34	41.96	37.30	37.82	36.17	43.00	49.14	35- 40	15.57	911.7	91.8,91.8
45	31.13	36.30	32.63	29.95	33.41	30.67	33.19	36.42	40- 45	13.38	925.1	93.2,93.2
50	26.93	32.30	28.31	25.87	29.12	26.30	28.47	31.32	45- 50	12.38	937.5	94.4,94.4
55	23.32	28.36	24.56	22.06	25.01	22.31	24.65	27.06	50- 55	11.54	949.0	95.6,95.6
60	20.36	24.58	21.39	19.15	21.50	19.07	21.27	23.27	55- 60	10.60	959.6	96.7,96.7
65	17.97	20.86	18.49	16.65	18.12	16.47	18.13	19.67	60- 65	9.608	969.2	97.6,97.6
70	15.54	17.23	15.52	13.91	14.43	13.43	14.74	16.07	65- 70	8.457	977.7	98.5,98.5
75	12.52	13.65	12.09	10.16	9.653	8.966	10.21	12.09	70- 75	6.904	984.6	99.2,99.2
80	8.218	9.062	7.525	5.748	4.954	4.498	5.576	7.175	75- 80	4.750	989.3	99.7,99.7
85	3.854	4.287	3.337	2.143	1.478	1.364	1.939	2.901	80- 85	2.450	991.8	99.9,99.9
90	0.7760	0.9438	0.3804	0.0033	0.0025	0.0025	0.0026	0.1529	85- 90	0.7084	992.5	100,100
95	0.0026	0.0027	0.0027	0.0028	0.0029	0.0030	0.0027	0.0024	90- 95	0.0238	992.5	100,100
100	0.0027	0.0027	0.0028	0.0031	0.0033	0.0034	0.0031	0.0030	95-100	0.0016	992.5	100,100
105	0.0040	0.0038	0.0040	0.0042	0.0039	0.0040	0.0038	0.0035	100-105	0.0018	992.5	100,100
110	0.0043	0.0042	0.0045	0.0055	0.0041	0.0042	0.0039	0.0036	105-110	0.0021	992.5	100,100
115	0.0051	0.0054	0.0053	0.0056	0.0042	0.0041	0.0039	0.0036	110-115	0.0023	992.5	100,100
120	0.0056	0.0055	0.0055	0.0055	0.0037	0.0041	0.0039	0.0036	115-120	0.0022	992.5	100,100
125	0.0053	0.0051	0.0053	0.0055	0.0039	0.0041	0.0040	0.0037	120-125	0.0022	992.5	100,100
130	0.0048	0.0045	0.0049	0.0052	0.0044	0.0044	0.0043	0.0042	125-130	0.0020	992.5	100,100
135	0.0048	0.0045	0.0056	0.0056	0.0061	0.0065	0.0064	0.0060	130-135	0.0020	992.5	100,100
140	0.0081	0.0082	0.0101	0.0109	0.0095	0.0098	0.0098	0.0090	135-140	0.0027	992.5	100,100
145	0.0178	0.0193	0.0241	0.0265	0.0204	0.0187	0.0177	0.0166	140-145	0.0046	992.5	100,100
150	0.0464	0.0496	0.0592	0.0677	0.0526	0.0464	0.0405	0.0389	145-150	0.0096	992.5	100,100
155	0.1078	0.1121	0.1302	0.1509	0.1305	0.1194	0.1053	0.0990	150-155	0.0202	992.6	100,100
160	0.2025	0.2077	0.2339	0.2654	0.2556	0.2442	0.2248	0.2087	155-160	0.0359	992.6	100,100
165	0.2879	0.2960	0.3222	0.3540	0.3627	0.3523	0.3355	0.3193	160-165	0.0466	992.7	100,100
170	0.3000	0.3087	0.3228	0.3369	0.3465	0.3355	0.3140	0.3155	165-170	0.0401	992.7	100,100
175	0.2291	0.2295	0.2283	0.2260	0.2085	0.2023	0.1902	0.1992	170-175	0.0199	992.7	100,100
180	0	0	0	0	0.0001	0.0005	0.0004	0.0005	175-180	0.0035	992.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: Lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:
 Test Date:2020-04-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity:24.3%
 Test Distance:1.900m [K=0.6268]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	8916	7719
80	9542	8737
75	9753	9421
70	9158	9148
65	8574	8820
60	8210	8623
55	8198	8631
50	8447	8878
45	8876	9305

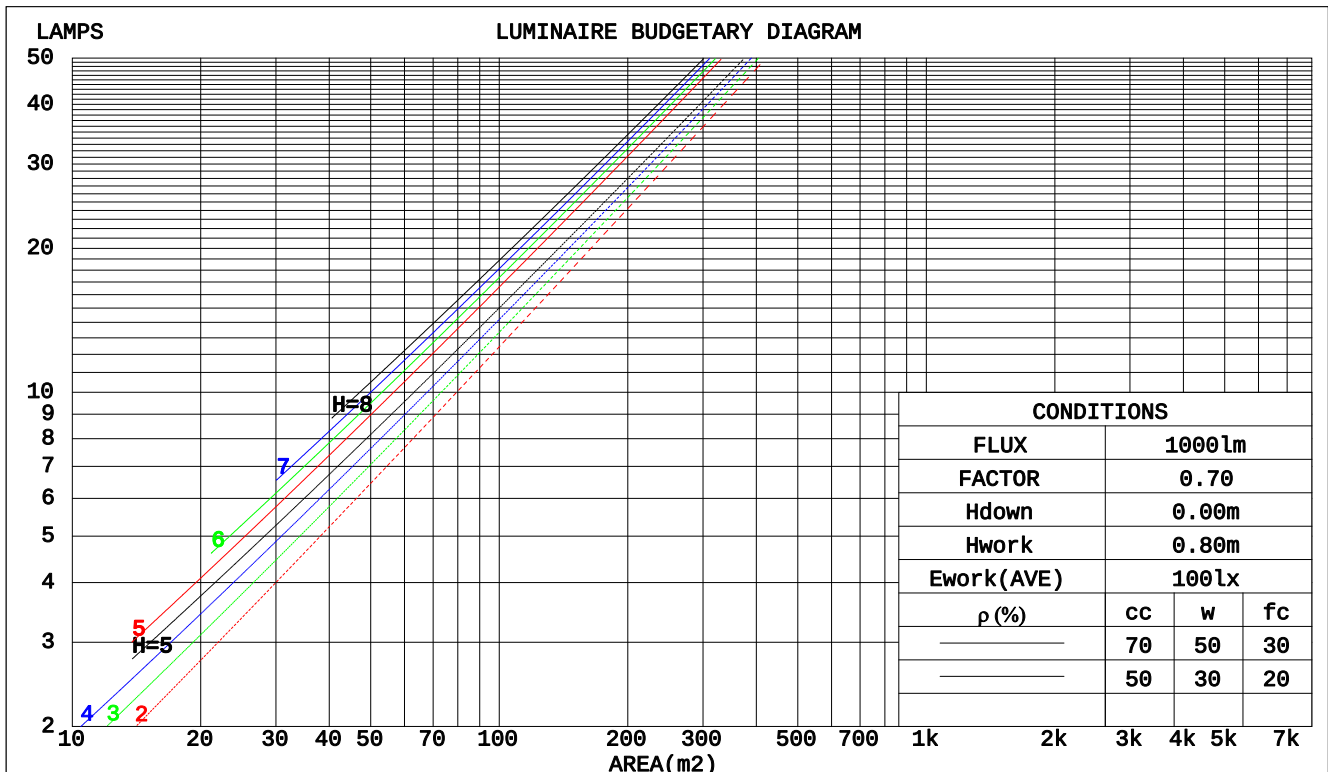
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C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-04-22

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6268]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.12	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.95
2.0	1.05	1.01	.98	1.03	1.00	.97	1.00	.98	.95	.97	.95	.93	.95	.93	.91	.90
3.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.95	.90	.86	.94	.89	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6.0	.87	.82	.78	.86	.81	.78	.85	.81	.78	.83	.80	.77	.82	.79	.77	.75
7.0	.83	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.79	.76	.74	.73
8.0	.80	.76	.72	.80	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.70
9.0	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.75	.71	.69	.68
10.0	.75	.70	.67	.75	.70	.67	.74	.70	.67	.73	.69	.67	.72	.69	.67	.66



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
 Test Date: 2020-04-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.900m [K=0.6268]
 Remarks:

WEC AND CCEC

NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

ρcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.163	.093	.029	.156	.089	.028	.144	.083	.026	.132	.076	.025	.122	.071	.023		
2.0	.151	.083	.025	.146	.080	.025	.135	.075	.023	.126	.071	.022	.117	.066	.021		
3.0	.141	.075	.022	.136	.073	.022	.127	.069	.021	.119	.065	.020	.112	.062	.019		
4.0	.131	.068	.020	.127	.067	.020	.120	.064	.019	.113	.061	.018	.106	.058	.018		
5.0	.123	.063	.018	.120	.062	.018	.113	.059	.017	.107	.057	.017	.102	.054	.016		
6.0	.116	.058	.017	.113	.057	.016	.108	.055	.016	.102	.053	.016	.097	.051	.015		
7.0	.110	.054	.015	.107	.053	.015	.102	.052	.015	.098	.050	.015	.094	.049	.014		
8.0	.104	.051	.014	.102	.050	.014	.098	.049	.014	.094	.047	.014	.090	.046	.013		
9.0	.099	.048	.013	.097	.047	.013	.093	.046	.013	.090	.045	.013	.087	.044	.013		
10.0	.095	.045	.013	.093	.045	.013	.090	.044	.012	.086	.043	.012	.083	.042	.012		

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.170	.158	.146	.146	.135	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.115	.132	.114	.100	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.114	.093	.120	.098	.080	.082	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.128	.099	.076	.110	.085	.066	.076	.059	.047	.044	.035	.028	.014	.011	.009	
5.0	.118	.087	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.047	.033	.038	.027	.020	.012	.009	.006	
7.0	.102	.069	.046	.088	.060	.040	.061	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.096	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.077	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.073	.045	.026	.051	.032	.019	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
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Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6268]
Remarks:

UGR(Unified Glare Rating) Table

NAME: PAR30L-11-930-35D-DIM						TYPE: /			WEIGHT: /		
SPEC.: /						DIM.: /			SERIAL No.: /		
MFR.: RAB Lighting Inc						SUR.: /			Shielding Angle: /		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H		14.1	14.9	14.3	15.0	15.2	14.6	15.4	14.8	15.6	15.7
3H		15.9	16.7	16.2	16.9	17.1	16.4	17.1	16.6	17.3	17.5
4H		16.9	17.6	17.1	17.8	18.0	17.2	17.9	17.4	18.1	18.3
6H		17.6	18.3	17.9	18.5	18.8	17.8	18.5	18.1	18.7	18.9
8H		17.9	18.5	18.2	18.8	19.0	18.0	18.6	18.3	18.9	19.1
12H		18.1	18.7	18.4	18.9	19.2	18.1	18.7	18.4	19.0	19.3
4H 2H		15.0	15.7	15.3	15.9	16.1	15.4	16.1	15.7	16.3	16.5
3H		17.1	17.7	17.4	17.9	18.2	17.4	18.0	17.7	18.2	18.5
4H		18.1	18.7	18.5	19.0	19.3	18.3	18.9	18.7	19.2	19.5
6H		19.0	19.5	19.4	19.8	20.1	19.1	19.6	19.5	19.9	20.3
8H		19.3	19.7	19.7	20.1	20.5	19.3	19.8	19.7	20.1	20.5
12H		19.5	19.9	19.9	20.3	20.7	19.5	19.9	19.9	20.3	20.7
8H 4H		18.6	19.0	18.9	19.4	19.7	18.7	19.2	19.1	19.6	19.9
6H		19.6	20.0	20.0	20.4	20.8	19.7	20.1	20.1	20.5	20.9
8H		20.0	20.3	20.4	20.8	21.2	20.0	20.4	20.5	20.8	21.2
12H		20.3	20.6	20.8	21.0	21.5	20.3	20.6	20.7	21.0	21.5
12H 4H		18.6	19.0	19.0	19.4	19.8	18.8	19.2	19.2	19.6	20.0
6H		19.7	20.0	20.1	20.5	20.9	19.8	20.1	20.2	20.5	21.0
8H		20.2	20.4	20.6	20.9	21.4	20.2	20.5	20.6	20.9	21.4
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H		+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 992.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.0)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-04-22

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6268]
Remarks:

UTILIZATION FACTORS TABLE

NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

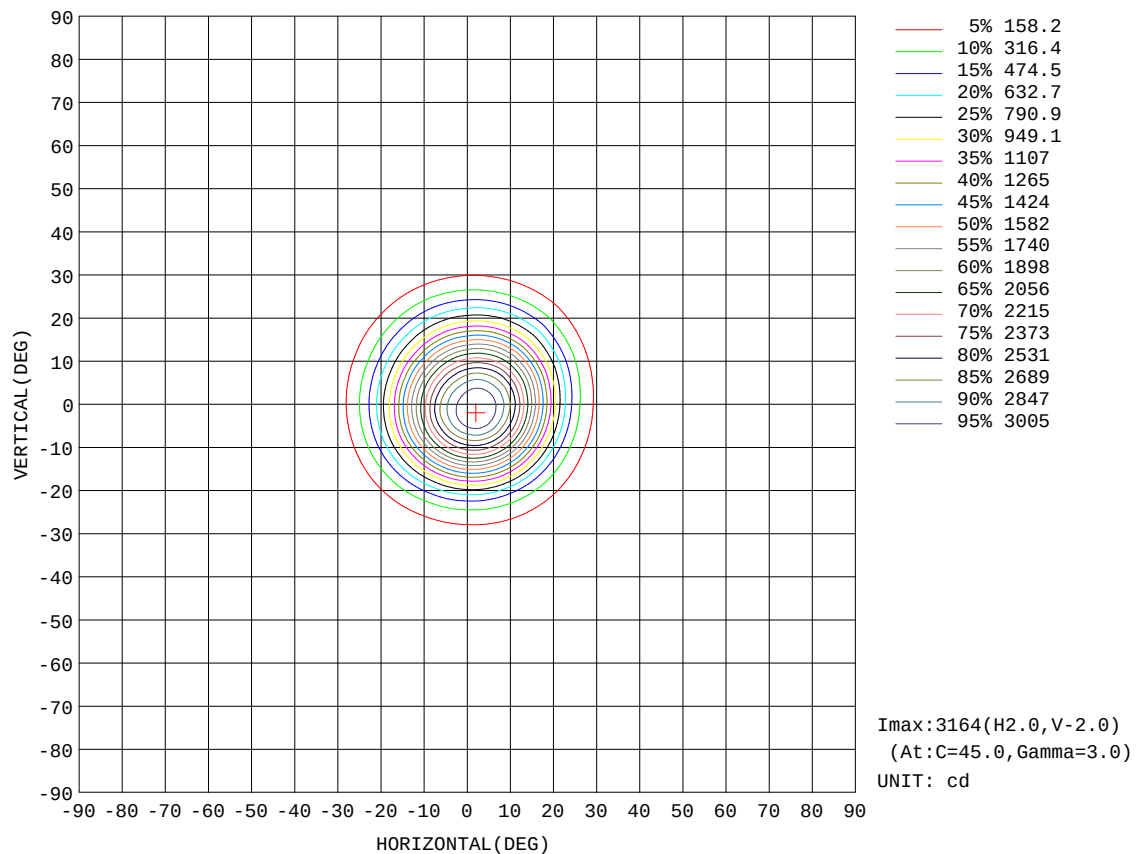
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	87	80	76	86	80	76	85	80	76	72
0.80	94	88	84	93	88	84	92	87	83	80
1.00	98	92	89	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	96	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	106	102	108	104	101	105	102	100	94
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	113	110	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-04-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6268]
Remarks:

ISOCANDELA DIAGRAM

NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

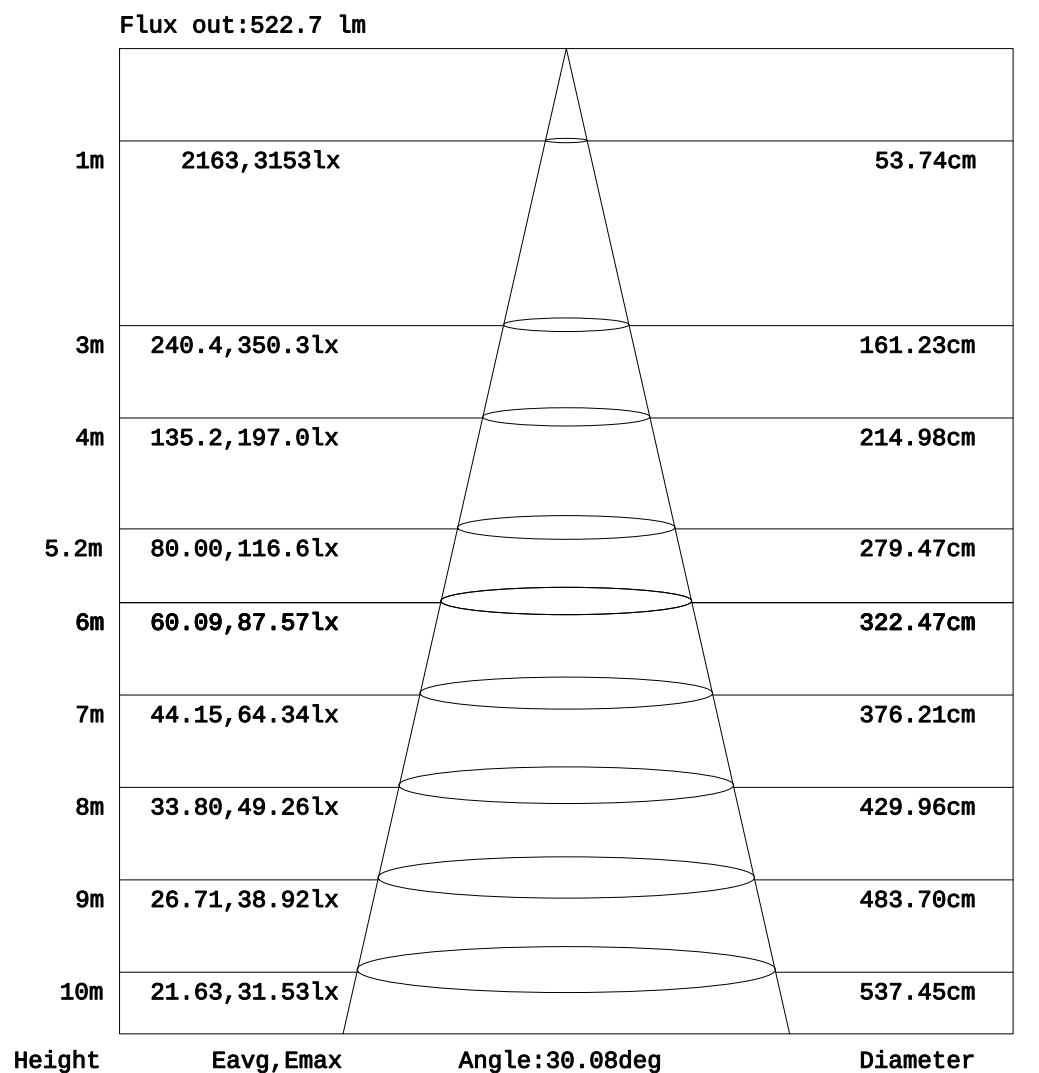


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-04-22

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6268]
Remarks:

AAI Figure

NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



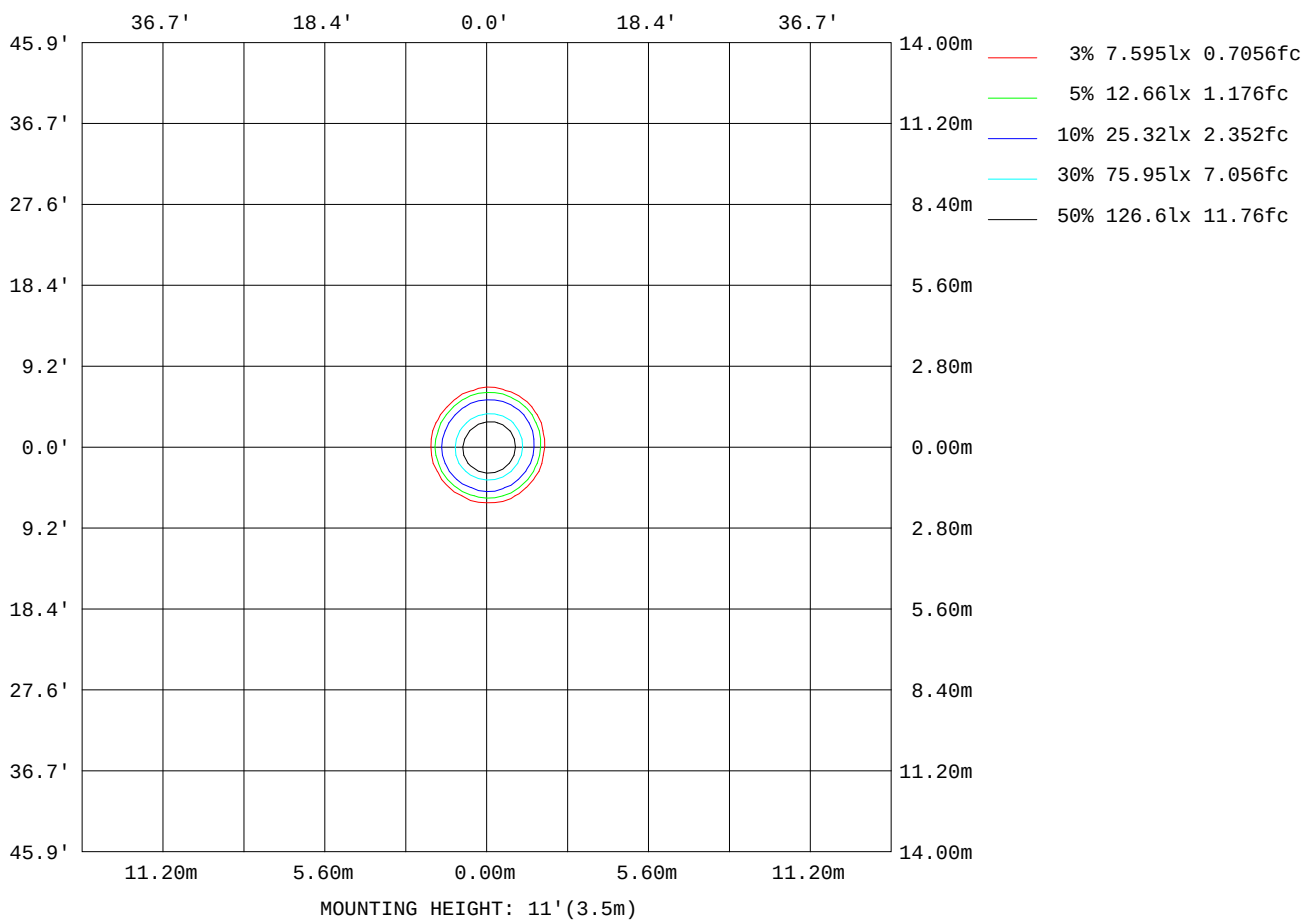
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
 Test Date: 2020-04-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.900m [K=0.6268]
 Remarks:

ISOLUX DIAGRAM

NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-04-22

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6268]
Remarks:

LED Avg.L Report

NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

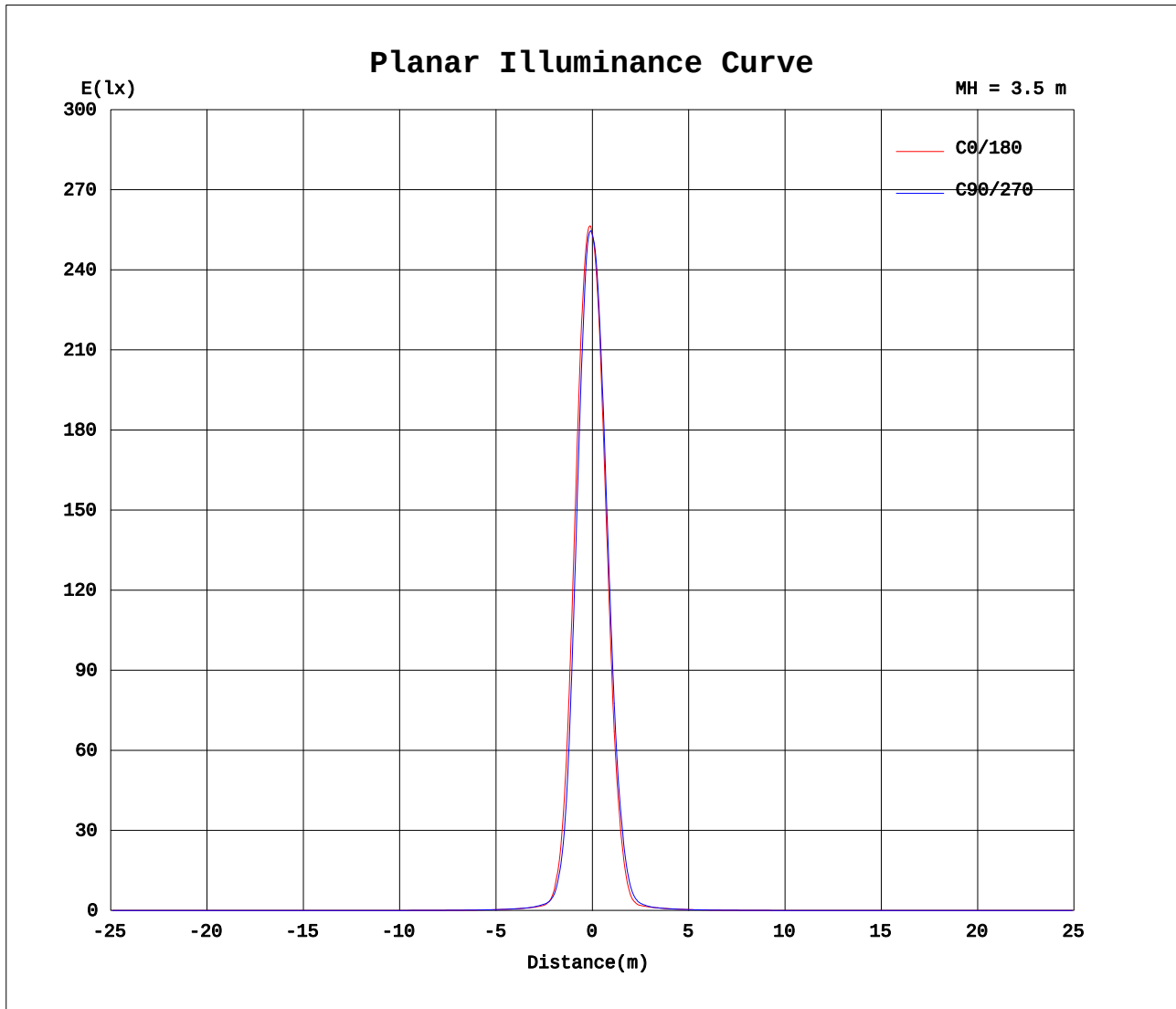
AvgL	cd/m2
L_0~180(65)av	8609
L_0~180(75)av	8636
L_0~180(85)av	6168
L_90~270(65)av	8736
L_90~270(75)av	8688
L_90~270(85)av	6103
L_45(65)av	8783
L_45(75)av	8739
L_45(85)av	6185

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-04-22

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6268]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-04-22

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6268]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: PAR30L-11-930-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

Table--1

UNIT: cd

C(°) \ γ (°)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	3101	3100	3101	3102	3101	3102	3101	3101	3101	3100	3101	3102	3101	3102	3101	3101			
5	3099	3106	3117	3083	3024	2962	2898	2847	2810	2785	2777	2799	2866	2944	3006	3058			
10	2687	2663	2622	2546	2452	2372	2296	2230	2164	2135	2134	2193	2288	2410	2551	2644			
15	1890	1848	1788	1680	1597	1525	1483	1448	1398	1372	1385	1457	1545	1694	1821	1893			
20	1015	957	898	824	761	724	734	745	729	714	736	792	853	950	1034	1052			
25	403	364	338	311	288	277	294	309	316	313	336	376	411	456	498	463			
30	127	119	114	110	104	95.6	93.9	92.5	97.3	102	110	132	153	167	176	152			
35	49.0	50.4	53.7	56.7	56.5	52.7	49.2	44.0	45.1	45.4	46.1	60.2	66.0	70.2	70.6	60.3			
40	37.3	38.7	42.3	44.8	42.0	38.3	37.3	36.1	37.8	36.7	36.2	39.1	43.0	47.7	49.1	41.8			
45	31.1	32.8	36.3	37.8	32.6	30.4	29.9	31.2	33.4	31.1	30.7	30.5	33.2	36.2	36.4	32.9			
50	26.9	28.8	32.3	33.2	28.3	26.8	25.9	27.2	29.1	26.9	26.3	26.2	28.5	31.1	31.3	28.0			
55	23.3	25.1	28.4	28.6	24.6	22.9	22.1	23.8	25.0	23.6	22.3	22.4	24.6	26.8	27.1	24.1			
60	20.4	22.0	24.6	24.5	21.4	19.6	19.1	20.7	21.5	20.6	19.1	19.1	21.3	22.9	23.3	20.8			
65	18.0	19.2	20.9	20.9	18.5	17.0	16.6	17.6	18.1	17.5	16.5	16.5	18.1	19.4	19.7	18.1			
70	15.5	16.3	17.2	16.9	15.5	14.4	13.9	14.2	14.4	14.0	13.4	13.5	14.7	15.8	16.1	15.5			
75	12.5	13.1	13.7	13.3	12.1	11.0	10.2	9.82	9.65	9.20	8.97	9.23	10.2	11.4	12.1	12.2			
80	8.22	8.73	9.06	8.61	7.52	6.52	5.75	5.26	4.95	4.71	4.50	4.79	5.58	6.45	7.17	7.65			
85	3.85	4.20	4.29	3.95	3.34	2.71	2.14	1.73	1.48	1.34	1.36	1.55	1.94	2.42	2.90	3.36			
90	0.78	0.93	0.94	0.74	0.38	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.45		
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
130	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
135	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
140	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
145	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
150	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04			
155	0.11	0.11	0.11	0.12	0.13	0.14	0.15	0.15	0.13	0.13	0.12	0.11	0.11	0.10	0.10	0.10			
160	0.20	0.20	0.21	0.22	0.23	0.25	0.27	0.27	0.26	0.25	0.24	0.23	0.22	0.22	0.21	0.20			
165	0.29	0.29	0.30	0.31	0.32	0.34	0.35	0.36	0.36	0.36	0.35	0.34	0.34	0.33	0.32	0.31			
170	0.30	0.30	0.31	0.31	0.32	0.33	0.34	0.34	0.35	0.35	0.34	0.32	0.31	0.32	0.32	0.31			
175	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.21	0.21	0.20	0.19	0.19	0.20	0.20	0.21			
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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