

Sample : PAR30L-11-927-35D-DIM
Specification :
Sample No. :
Manufacturer : RAB Lighting Inc.
Assessor : cuiquan
Remark :
Device SN :

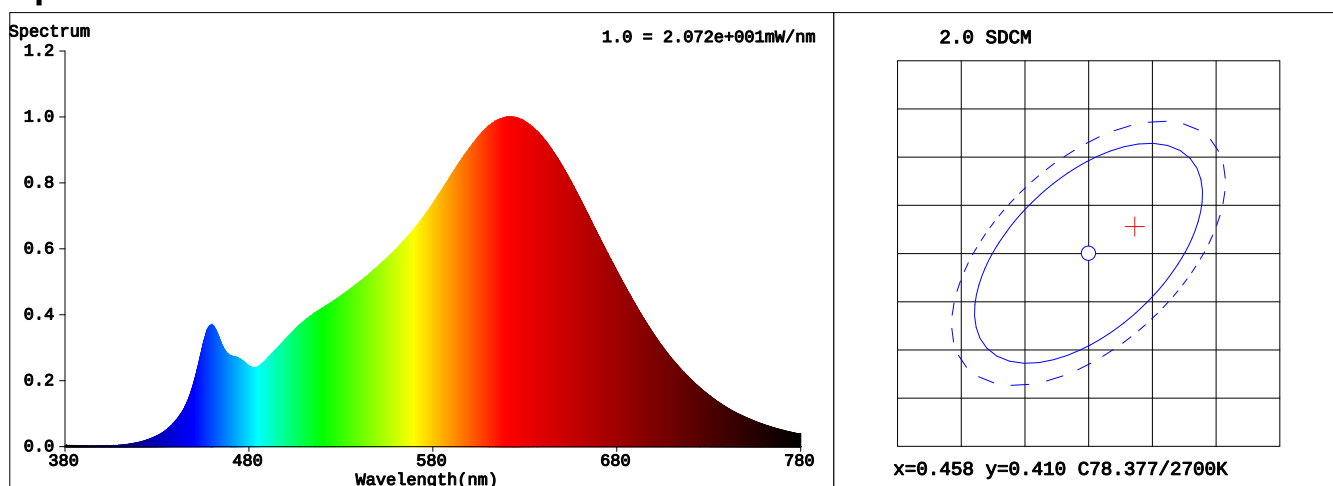
Date : 2020-04-21 08:55:23
Sam. Status :
Standard : LM-79-80
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

Temperature : 25.1Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 30.1%
IP : 47594 (73%)
T : 165 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4613$ $y = 0.4126$ / $u' = 0.2625$ $v' = 0.5283$ ($duv=6.21e-04$)

CCT= 2696K Prcp WL: Ld=584.0nm Purity=62.3%

Peak WL: Lp=622nm FWHM: =142.8nm Ratio:R=26.6% G=70.6% B=2.8%

Render Index: Ra = 92.8 TM30:Rf=90 Rg=96

EEL: 0.14258 A+

R1 =94 R2 =99 R3 =96 R4 =92 R5 =94 R6 =97 R7 =89
R8 =80 R9 =59 R10=97 R11=94 R12=86 R13=96 R14=99 R15=89
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

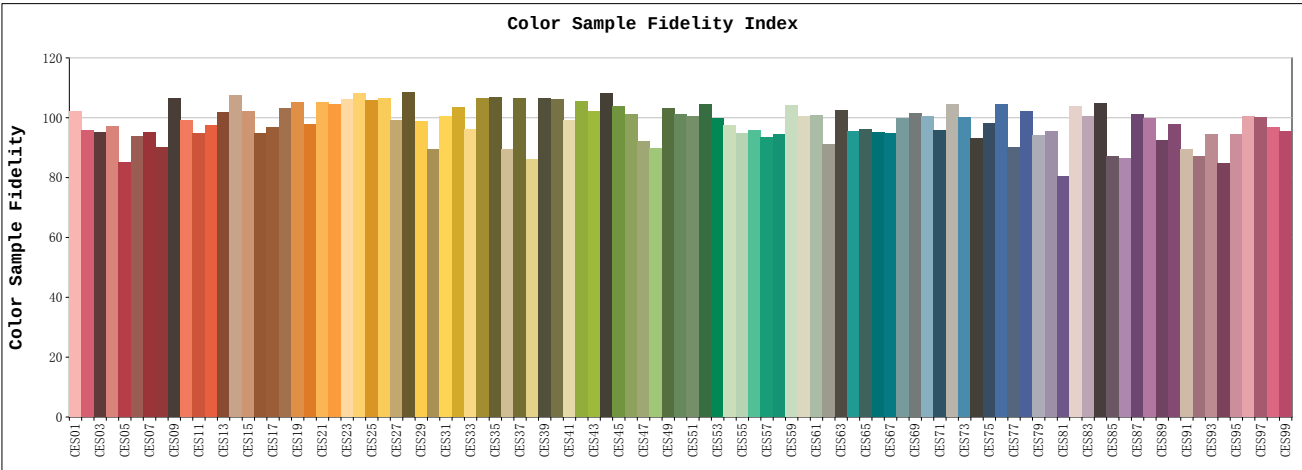
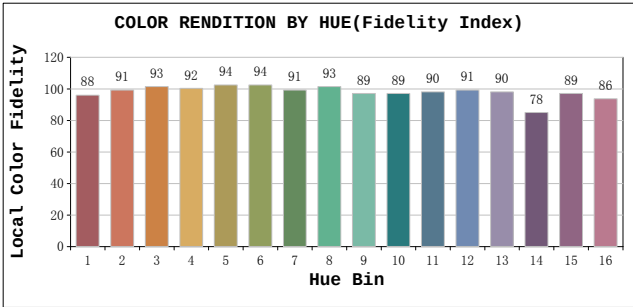
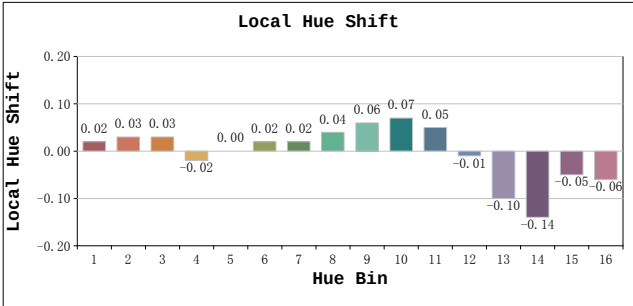
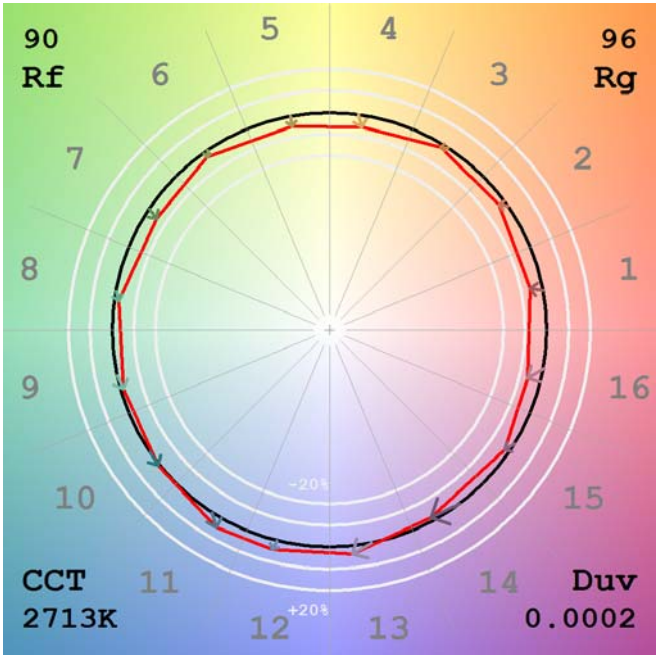
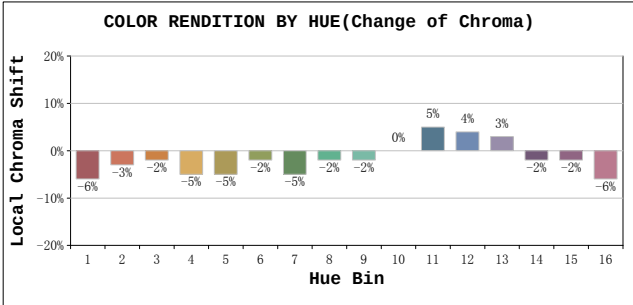
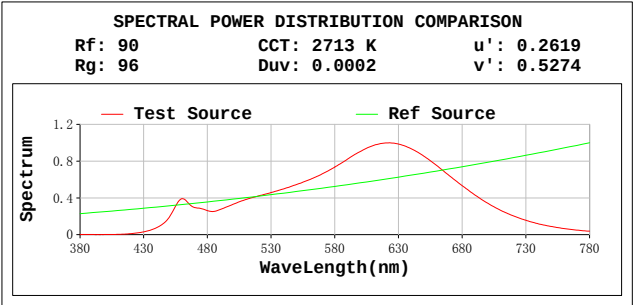
Flux = 944.00 lm Eff. : 90.34 lm/W Fe = 3.3607 W

Flux of emitted photons($\mu\text{mol/s}$):16.859 Fluo. and blue light ratio:12.84 Fluorescent eff.:286.7

Electrical parameters

V = 120.04 V I = 0.09060 A P = 10.45 W PF = 0.9609

TM30



Sample : PAR30L-11-927-25D-DIM
Specification :
Sample No. :
Manufacturer : RAB Lighting Inc.
Assessor : cuiquan
Remark :
Device SN :

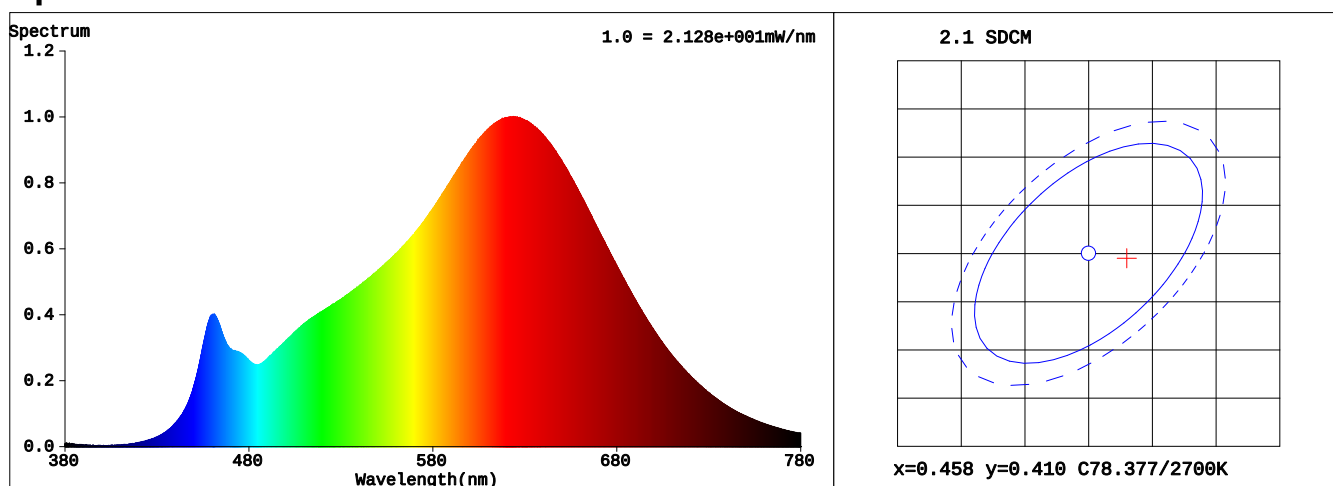
Date : 2020-05-26 16:07:17
Sam. Status :
Standard : LM-79-08
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 30.1%
IP : 53184 (81%)
T : 82 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4607$ $y = 0.4093$ / $u' = 0.2636$ $v' = 0.5270$ ($duv = -5.39e-04$)

CCT= 2679K Prcp WL: Ld=584.5nm Purity=61.1%

Peak WL: Lp=624nm FWHM: =141.8nm Ratio:R=26.9% G=70.1% B=2.9%

Render Index: Ra = 93.1 TM30:Rf=91 Rg=97

EEL: 0.14536 A+

R1 =95 R2 =99 R3 =95 R4 =93 R5 =96 R6 =95 R7 =89
R8 =81 R9 =63 R10=100 R11=95 R12=85 R13=97 R14=98 R15=90
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 956.58 lm Eff. : 88.82 lm/W Fe = 3.4680 W

Flux of emitted photons($\mu\text{mol/s}$):17.417 Fluo. and blue light ratio:12.04 Fluorescent eff.:287.9

Electrical parameters

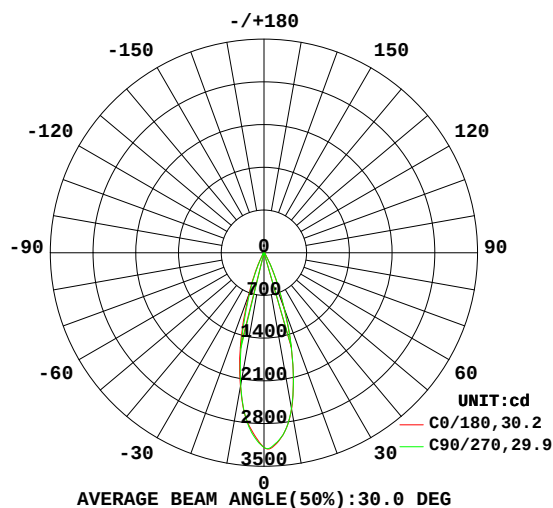
V = 120.02 V I = 0.09270 A P = 10.77 W PF = 0.9680

LUMINAIRE PHOTOMETRIC TEST REPORT

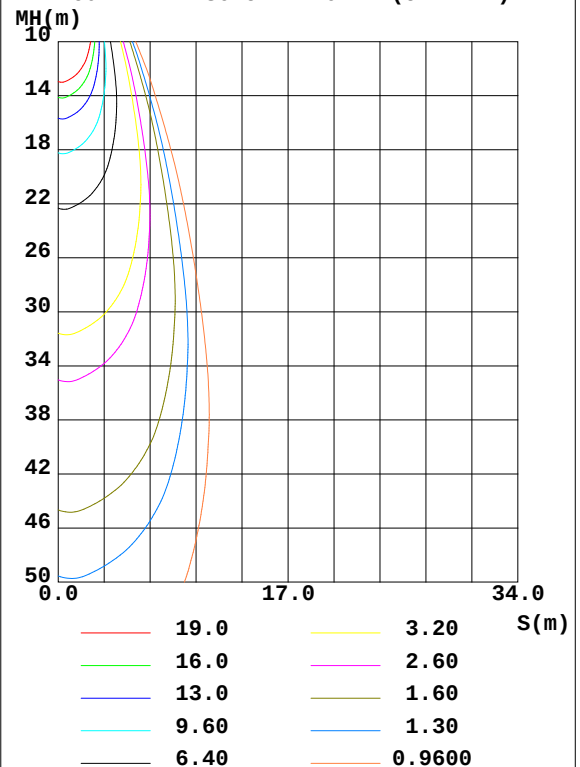
NAME: PAR30L-11-927-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 94.52 lm/W
MODEL	PAR30	I _{max} (cd)	3230	S/MH(C0/180)	0.47	
NOMINAL POWER(W)	11	LOR(%)	100.0	S/MH(C90/270)	0.46	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	983.93	η UP, DN(C0-180)	0.0, 54.5	
NOMINAL FLUX(lm)	983.925	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 45.4	
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:

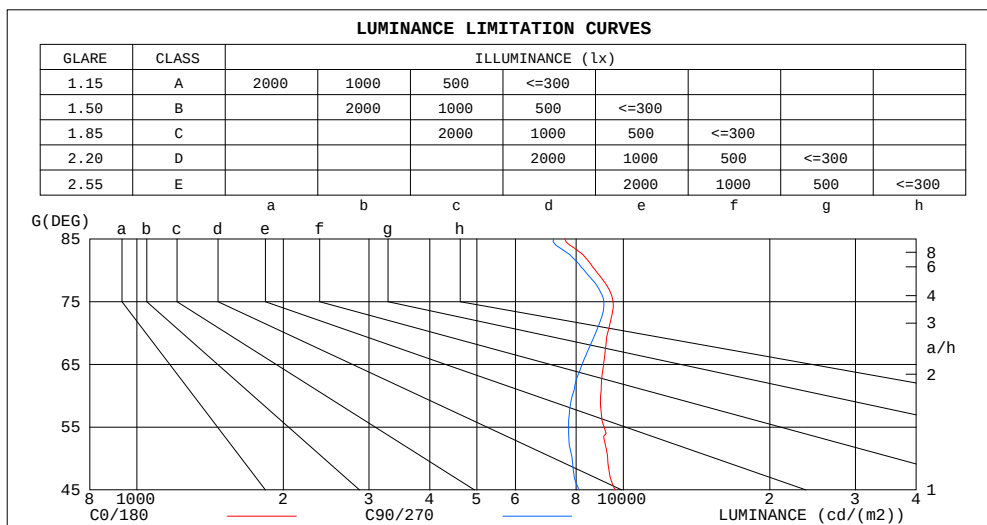
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	3064	3110	3058	2941	2837	2819	2859	2962	0- 5	73.17	73.17	7.44, 7.44
10	2607	2718	2594	2369	2226	2183	2203	2369	5- 10	191.9	265.1	26.9, 26.9
15	1802	1963	1813	1576	1453	1414	1374	1540	10- 15	236.7	501.8	51.51
20	944.5	1098	979.4	807.2	720.4	712.4	661.9	750.7	15- 20	196.4	698.2	71.71
25	404.3	497.6	434.0	368.4	300.3	302.3	259.0	296.2	20- 25	118.1	816.3	83.83
30	141.5	176.4	146.8	126.0	98.25	88.92	80.51	94.03	25- 30	55.57	871.9	88.6, 88.6
35	63.50	60.25	49.00	51.98	49.36	42.22	41.42	46.75	30- 35	22.21	894.1	90.9, 90.9
40	44.55	41.42	34.03	38.28	35.04	33.68	34.35	35.72	35- 40	14.24	908.4	92.3, 92.3
45	33.72	31.49	28.48	32.68	26.61	29.01	29.98	29.08	40- 45	12.23	920.6	93.6, 93.6
50	29.61	27.20	25.02	28.48	23.09	25.45	26.85	25.24	45- 50	11.32	931.9	94.7, 94.7
55	25.97	23.82	21.96	24.38	20.16	22.26	23.58	21.55	50- 55	10.67	942.6	95.8, 95.8
60	22.27	20.99	19.48	20.87	17.64	19.42	20.60	18.39	55- 60	9.893	952.5	96.8, 96.8
65	19.08	18.41	17.25	17.85	15.43	16.68	17.44	15.96	60- 65	9.047	961.5	97.7, 97.7
70	15.75	15.65	14.88	14.83	12.91	13.57	14.13	13.59	65- 70	8.038	969.5	98.5, 98.5
75	12.23	12.34	11.71	10.99	9.162	9.304	10.08	10.43	70- 75	6.642	976.2	99.2, 99.2
80	7.545	7.707	7.152	6.236	4.905	4.907	5.463	6.106	75- 80	4.555	980.7	99.7, 99.7
85	3.279	3.519	3.104	2.488	1.715	1.549	1.902	2.456	80- 85	2.310	983.1	99.9, 99.9
90	0.4518	0.6515	0.4363	0.0239	0.0027	0.0023	0.0026	0.0437	85- 90	0.6611	983.7	100, 100
95	0.0027	0.0026	0.0027	0.0027	0.0030	0.0030	0.0027	0.0026	90- 95	0.0150	983.7	100, 100
100	0.0027	0.0027	0.0027	0.0028	0.0033	0.0034	0.0033	0.0032	95- 100	0.0016	983.7	100, 100
105	0.0040	0.0040	0.0040	0.0038	0.0039	0.0040	0.0037	0.0037	100- 105	0.0019	983.7	100, 100
110	0.0042	0.0044	0.0051	0.0054	0.0042	0.0042	0.0037	0.0039	105- 110	0.0021	983.7	100, 100
115	0.0046	0.0055	0.0055	0.0055	0.0041	0.0041	0.0036	0.0040	110- 115	0.0023	983.7	100, 100
120	0.0046	0.0055	0.0056	0.0055	0.0040	0.0041	0.0036	0.0039	115- 120	0.0022	983.7	100, 100
125	0.0046	0.0051	0.0052	0.0049	0.0041	0.0041	0.0037	0.0040	120- 125	0.0021	983.7	100, 100
130	0.0043	0.0045	0.0046	0.0045	0.0046	0.0046	0.0043	0.0044	125- 130	0.0019	983.7	100, 100
135	0.0047	0.0045	0.0046	0.0045	0.0069	0.0066	0.0059	0.0062	130- 135	0.0020	983.7	100, 100
140	0.0080	0.0074	0.0071	0.0081	0.0108	0.0109	0.0095	0.0097	135- 140	0.0026	983.7	100, 100
145	0.0178	0.0166	0.0153	0.0176	0.0220	0.0249	0.0220	0.0200	140- 145	0.0044	983.8	100, 100
150	0.0459	0.0444	0.0405	0.0461	0.0523	0.0608	0.0558	0.0478	145- 150	0.0093	983.8	100, 100
155	0.1089	0.1057	0.1000	0.1133	0.1260	0.1411	0.1347	0.1137	150- 155	0.0199	983.8	100, 100
160	0.2077	0.2024	0.1994	0.2210	0.2474	0.2645	0.2604	0.2294	155- 160	0.0356	983.8	100, 100
165	0.2961	0.2929	0.2949	0.3198	0.3543	0.3628	0.3614	0.3395	160- 165	0.0463	983.9	100, 100
170	0.3070	0.3084	0.3158	0.3277	0.3425	0.3365	0.3195	0.3242	165- 170	0.0400	983.9	100, 100
175	0.2304	0.2309	0.2307	0.2293	0.2100	0.2029	0.1893	0.1982	170- 175	0.0199	983.9	100, 100
180	0	0	0	0	0.0004	0.0005	0.0004	0.0006	175- 180	0.0036	983.9	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
 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-11-927-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7585	7180
80	8760	8303
75	9524	9119
70	9283	8770
65	9103	8227
60	8980	7854
55	9129	7719
50	9288	7847
45	9616	8119

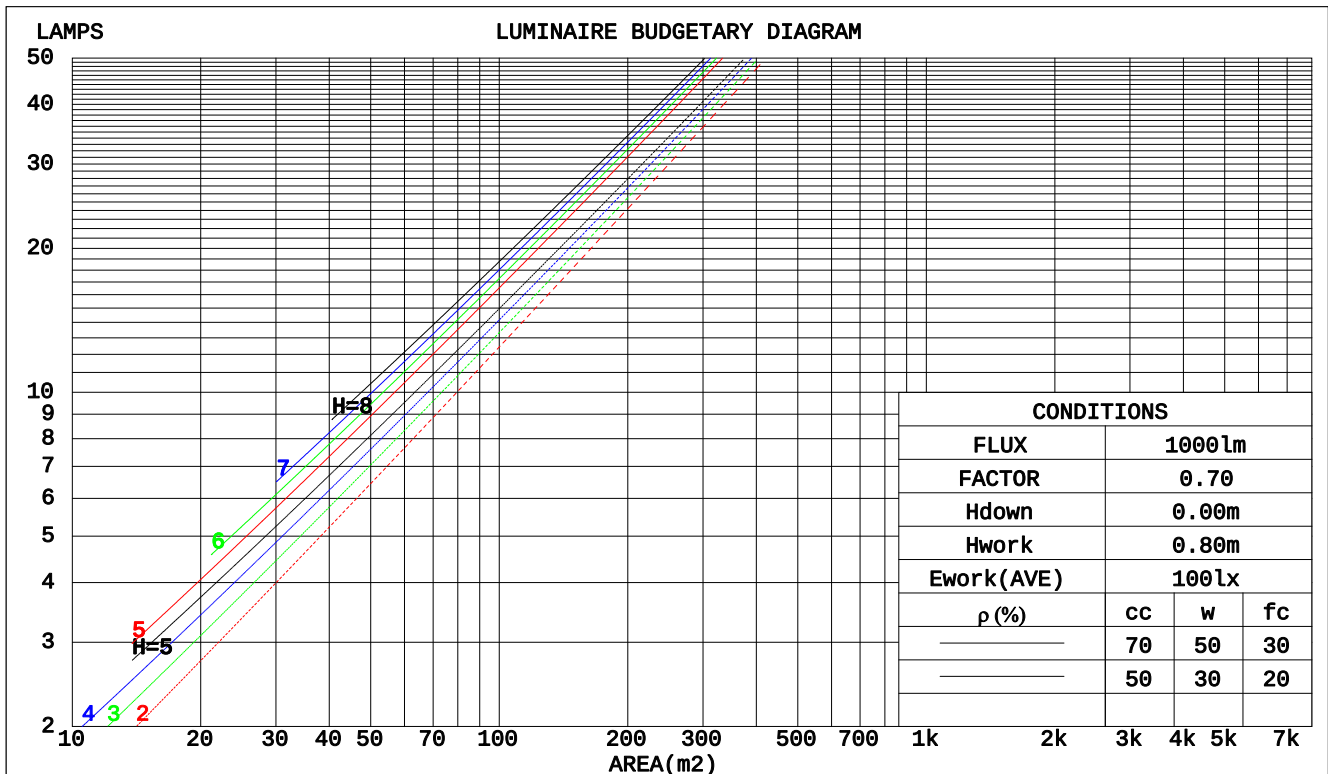
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-04-22

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: PAR30L-11-927-35D-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	1.02	.99	1.04	1.00	.98	1.00	.98	.95	.97	.95	.93	.95	.93	.92	.90
3.0	.99	.95	.92	.98	.95	.91	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.90	.86	.92	.88	.85	.90	.87	.84	.88	.86	.83	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.87	.83	.81	.85	.82	.80	.79
6.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.78	.82	.79	.77	.76
7.0	.84	.79	.76	.83	.79	.75	.82	.78	.75	.81	.77	.75	.80	.77	.74	.73
8.0	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.75	.72	.77	.74	.72	.71
9.0	.78	.73	.70	.77	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.69	.68
10.0	.75	.71	.68	.75	.71	.68	.74	.70	.68	.74	.70	.67	.73	.70	.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-11-927-35D-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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.162	.092	.029	.155	.088	.028	.142	.082	.026	.131	.075	.024	.120	.070	.022		
2.0	.150	.082	.025	.144	.080	.025	.134	.075	.023	.124	.070	.022	.115	.065	.021		
3.0	.139	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.110	.061	.019		
4.0	.130	.068	.020	.126	.066	.020	.119	.063	.019	.112	.060	.018	.105	.057	.017		
5.0	.122	.062	.018	.119	.061	.018	.112	.058	.017	.106	.056	.017	.101	.054	.016		
6.0	.115	.058	.016	.112	.057	.016	.106	.055	.016	.101	.053	.015	.096	.051	.015		
7.0	.109	.054	.015	.106	.053	.015	.101	.051	.015	.097	.050	.014	.093	.048	.014		
8.0	.103	.050	.014	.101	.050	.014	.097	.048	.014	.093	.047	.014	.089	.046	.013		
9.0	.098	.048	.013	.096	.047	.013	.093	.046	.013	.089	.045	.013	.086	.044	.013		
10.0	.094	.045	.013	.092	.045	.012	.089	.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	.153	.133	.115	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.114	.093	.120	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.075	.059	.047	.044	.035	.028	.014	.011	.009	
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.054	.094	.066	.047	.065	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.102	.069	.046	.087	.060	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.095	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.015	.011	.007	.005	
9.0	.090	.057	.034	.077	.049	.030	.053	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.073	.045	.026	.051	.032	.019	.029	.019	.011	.010	.006	.004	

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:

UGR(Unified Glare Rating) Table

NAME: PAR30L-11-927-35D-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		14.6	15.3	14.8	15.5	15.7	13.5	14.2	13.7	14.4	14.6
3H		16.3	17.0	16.6	17.2	17.4	15.4	16.1	15.7	16.3	16.5
4H		17.1	17.8	17.4	18.0	18.3	16.4	17.1	16.7	17.3	17.5
6H		17.8	18.4	18.1	18.6	18.9	17.1	17.7	17.4	18.0	18.2
8H		18.0	18.6	18.3	18.8	19.1	17.3	17.9	17.6	18.2	18.4
12H		18.1	18.7	18.4	18.9	19.2	17.4	18.0	17.8	18.3	18.6
4H 2H		15.2	15.9	15.4	16.1	16.3	14.4	15.0	14.6	15.3	15.5
3H		17.2	17.8	17.5	18.0	18.3	16.5	17.1	16.8	17.4	17.6
4H		18.2	18.7	18.5	19.0	19.3	17.6	18.1	17.9	18.4	18.7
6H		18.9	19.4	19.3	19.7	20.1	18.4	18.9	18.8	19.2	19.5
8H		19.2	19.6	19.6	20.0	20.3	18.6	19.1	19.0	19.5	19.8
12H		19.3	19.8	19.7	20.1	20.5	18.8	19.2	19.2	19.6	20.0
8H 4H		18.5	19.0	18.9	19.3	19.7	18.0	18.5	18.4	18.8	19.2
6H		19.4	19.8	19.8	20.2	20.6	19.0	19.3	19.4	19.7	20.1
8H		19.8	20.1	20.2	20.5	21.0	19.3	19.6	19.8	20.1	20.5
12H		20.0	20.3	20.5	20.7	21.2	19.5	19.8	20.0	20.3	20.8
12H 4H		18.5	18.9	18.9	19.3	19.7	18.0	18.5	18.4	18.8	19.2
6H		19.5	19.8	19.9	20.2	20.7	19.0	19.4	19.5	19.8	20.2
8H		19.9	20.2	20.3	20.6	21.1	19.4	19.7	19.9	20.2	20.6
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H		+ 0.2 / - 0.3					+ 0.1 / - 0.2				

CIE Pub.117, 983.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)

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-11-927-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

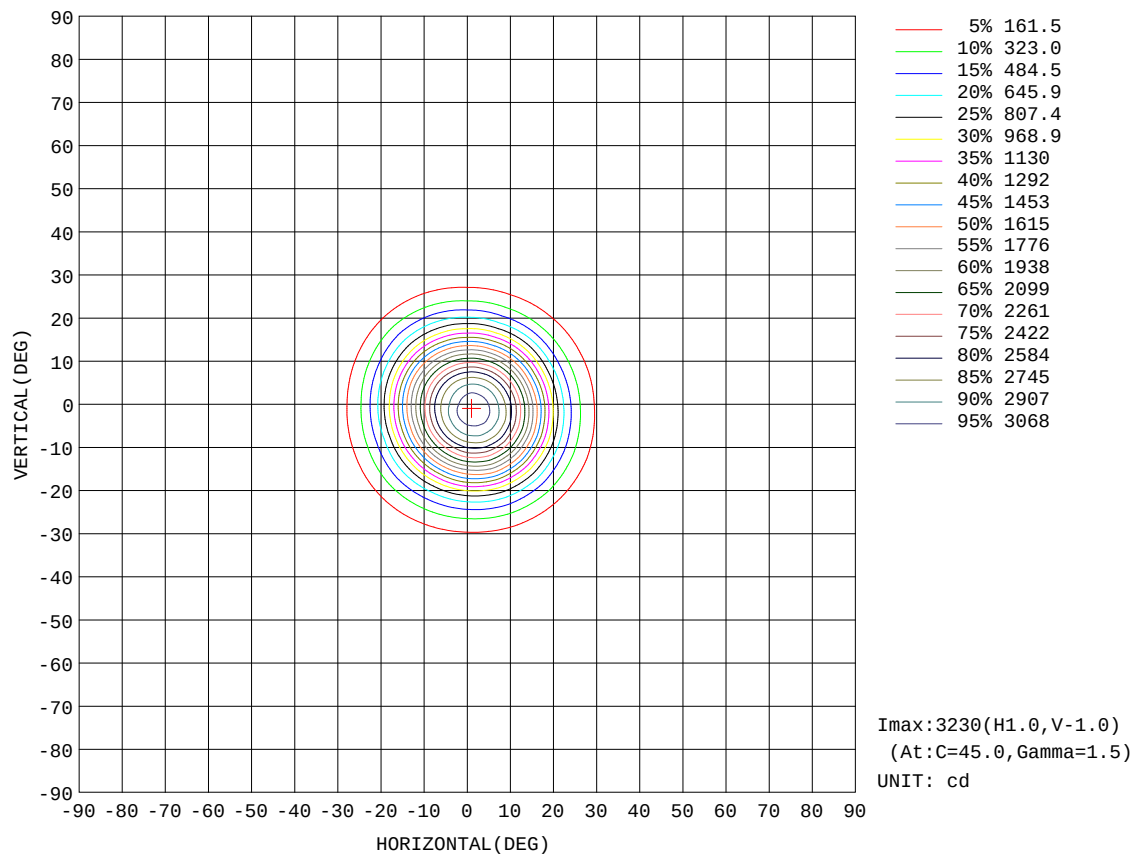
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	87	80	77	86	80	77	86	80	76	73
0.80	94	88	84	93	88	84	92	87	84	80
1.00	98	93	89	98	92	89	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	91
2.00	108	103	100	106	102	99	104	100	98	93
2.50	110	106	103	108	104	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	102	95
4.00	113	111	108	111	109	107	108	106	104	97
5.00	115	112	110	113	111	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-11-927-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

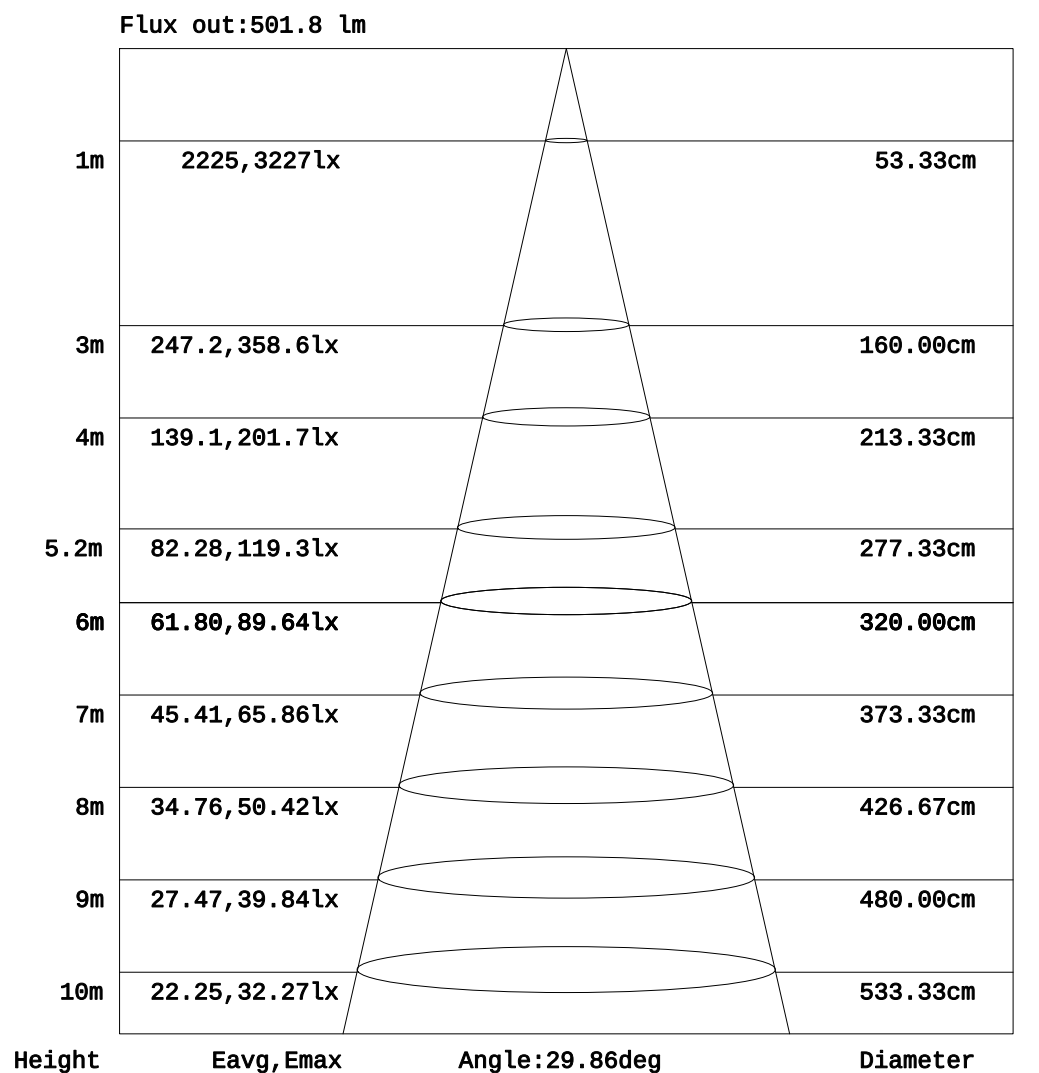


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-04-22

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-11-927-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



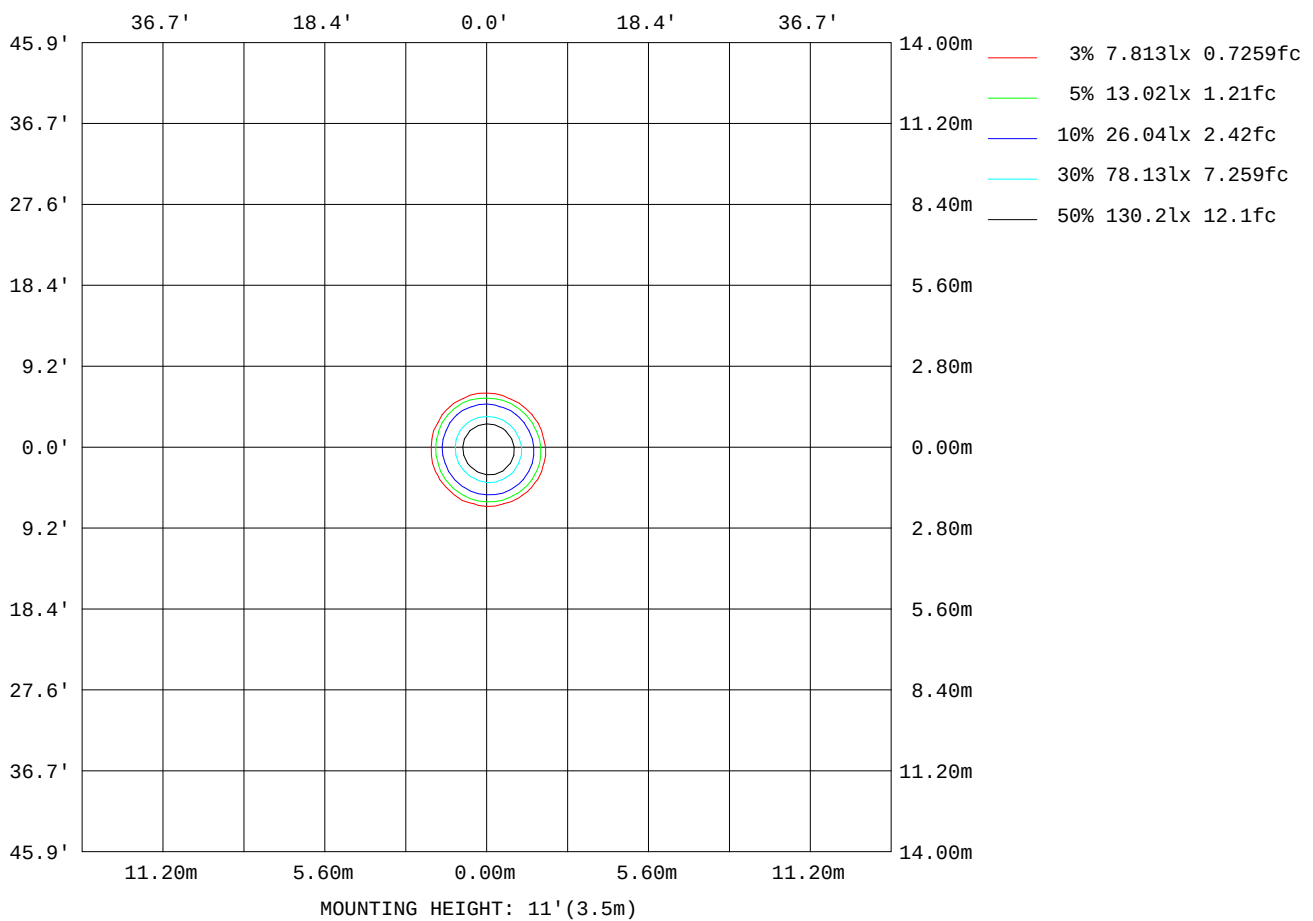
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-11-927-35D-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-11-927-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

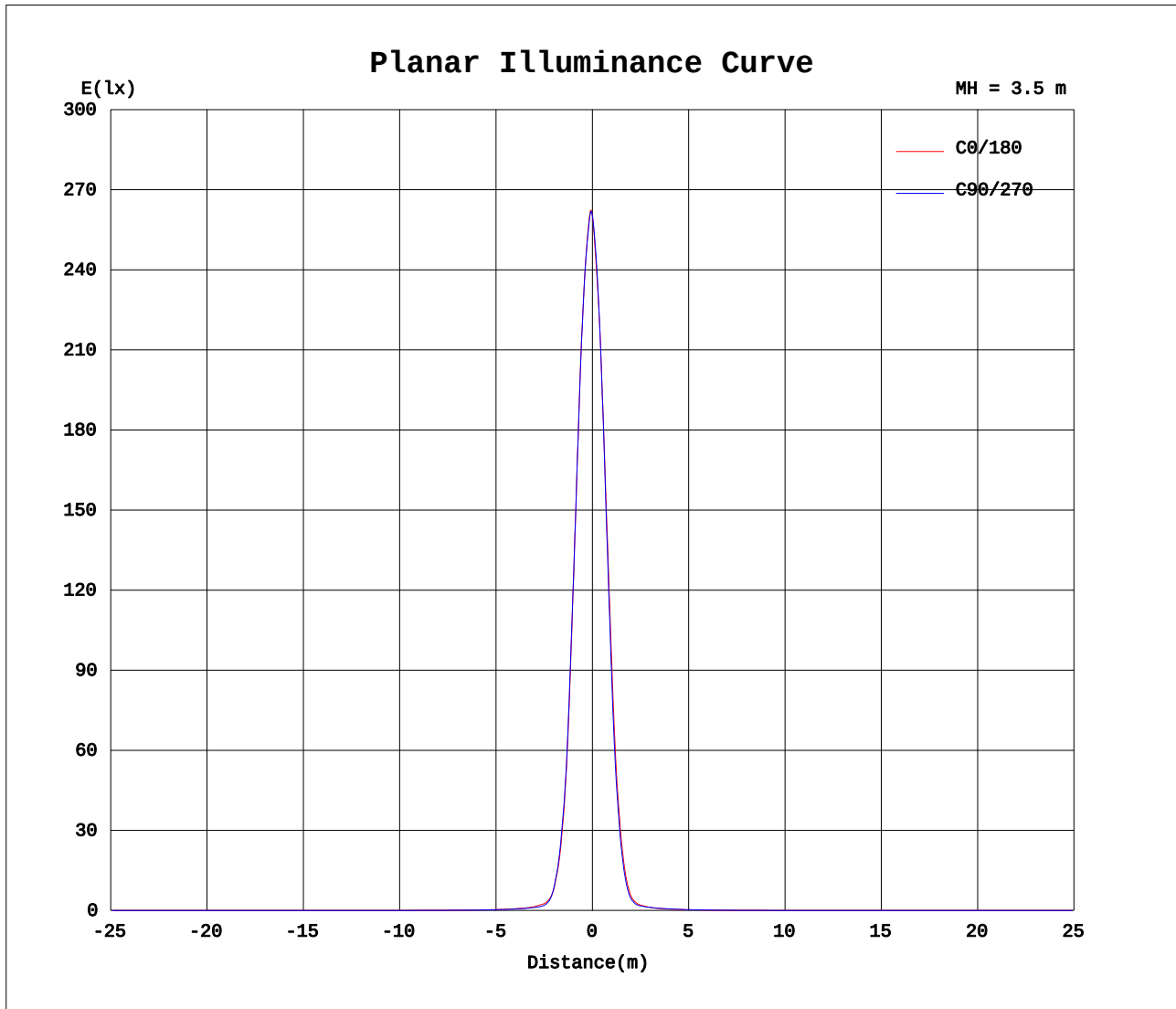
AvgL	cd/m2
L_0~180(65)av	8232
L_0~180(75)av	8331
L_0~180(85)av	5776
L_90~270(65)av	8275
L_90~270(75)av	8484
L_90~270(85)av	5789
L_45(65)av	8217
L_45(75)av	8386
L_45(85)av	5790

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-11-927-35D-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	3190	3191	3191	3191	3190	3191	3192	3194	3190	3191	3191	3191	3190	3191	3192	3194			
5	3064	3103	3110	3090	3058	3007	2941	2884	2837	2822	2819	2831	2859	2908	2962	3016			
10	2607	2688	2718	2687	2594	2476	2369	2282	2226	2205	2183	2178	2203	2263	2369	2486			
15	1802	1923	1963	1937	1813	1681	1576	1489	1453	1432	1414	1376	1374	1423	1540	1653			
20	945	1052	1098	1072	979	874	807	737	720	715	712	680	662	668	751	827			
25	404	465	498	485	434	394	368	324	300	301	302	282	259	265	296	342			
30	142	173	176	167	147	138	126	111	98.2	92.3	88.9	84.4	80.5	82.4	94.0	119			
35	63.5	68.4	60.2	50.4	49.0	50.2	52.0	52.0	49.4	46.9	42.2	42.6	41.4	39.5	46.8	57.5			
40	44.6	47.1	41.4	33.6	34.0	35.5	38.3	39.2	35.0	34.5	33.7	35.4	34.4	32.0	35.7	39.5			
45	33.7	35.0	31.5	28.0	28.5	30.5	32.7	29.6	26.6	26.5	29.0	31.1	30.0	27.6	29.1	30.0			
50	29.6	30.9	27.2	24.7	25.0	27.1	28.5	25.5	23.1	23.0	25.5	27.6	26.8	24.3	25.2	26.1			
55	26.0	27.1	23.8	21.8	22.0	23.9	24.4	22.2	20.2	20.1	22.3	24.2	23.6	21.2	21.6	22.7			
60	22.3	23.3	21.0	19.4	19.5	21.0	20.9	19.4	17.6	17.7	19.4	20.8	20.6	18.5	18.4	19.8			
65	19.1	19.8	18.4	17.3	17.2	18.2	17.9	16.7	15.4	15.4	16.7	17.7	17.4	16.1	16.0	17.2			
70	15.7	16.3	15.6	15.0	14.9	15.1	14.8	13.9	12.9	12.8	13.6	14.3	14.1	13.5	13.6	14.5			
75	12.2	12.7	12.3	12.0	11.7	11.6	11.0	10.0	9.16	8.92	9.30	9.85	10.1	10.1	10.4	11.2			
80	7.54	7.92	7.71	7.49	7.15	6.82	6.24	5.55	4.90	4.67	4.91	5.23	5.46	5.66	6.11	6.76			
85	3.28	3.53	3.52	3.34	3.10	2.83	2.49	2.08	1.71	1.55	1.55	1.70	1.90	2.15	2.46	2.84			
90	0.45	0.60	0.65	0.59	0.44	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.25			
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	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.00	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	0.00	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	0.00	0.00	0.01	0.01	0.01	0.00	0.00	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	0.00	0.00	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	0.00	0.00	0.00	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
150	0.05	0.05	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.05			
155	0.11	0.11	0.11	0.10	0.10	0.10	0.11	0.13	0.13	0.13	0.14	0.14	0.13	0.12	0.11	0.11			
160	0.21	0.21	0.20	0.20	0.20	0.21	0.22	0.24	0.25	0.25	0.26	0.27	0.26	0.25	0.23	0.22			
165	0.30	0.29	0.29	0.29	0.29	0.31	0.32	0.34	0.35	0.36	0.36	0.36	0.36	0.35	0.34	0.32			
170	0.31	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.33	0.32	0.33	0.32	0.32			
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	0.19	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			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
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γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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