

Sample : PAR30L-11-950-35D-DIM  
Specification :  
Sample No. :  
Manufacturer : RAB Lighting Inc.  
Assessor : cuiquan  
Remark :  
Device SN :

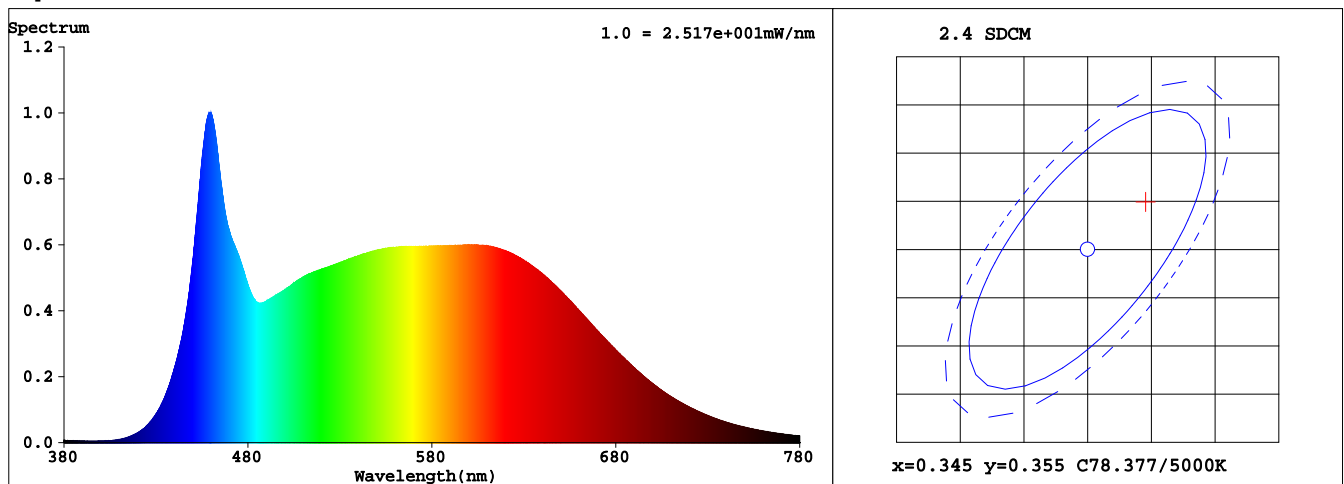
Date : 2020-04-21 11:51:49  
Sam. Status :  
Standard : LM-79-80  
Instrument : HaasSuite(EVERFINE)  
Test by :

### Test Condition

Temperature : 25.7Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test  
Sensitivity : High

RH : 30.1%  
IP : 52919 (81%)  
T : 244 ms

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3492$   $y = 0.3600$  /  $u' = 0.2110$   $v' = 0.4893$  ( $duv=2.54e-03$ )

CCT= 4879K Prcp WL: Ld=571.9nm Purity=12.8%

Peak WL: Lp=460nm FWHM: =29.7nm Ratio:R=17.5% G=76.5% B=6.0%

Render Index: Ra = 91.6 TM30:Rf=89 Rg=96

EEL: 0.13232 A+

R1 =94 R2 =99 R3 =95 R4 =86 R5 =91 R6 =96 R7 =89  
R8 =84 R9 =68 R10=98 R11=87 R12=67 R13=97 R14=98 R15=90

LEVEL:OUT WHITE:ANSI\_5000K

### Photometric & Radiometric Parameters

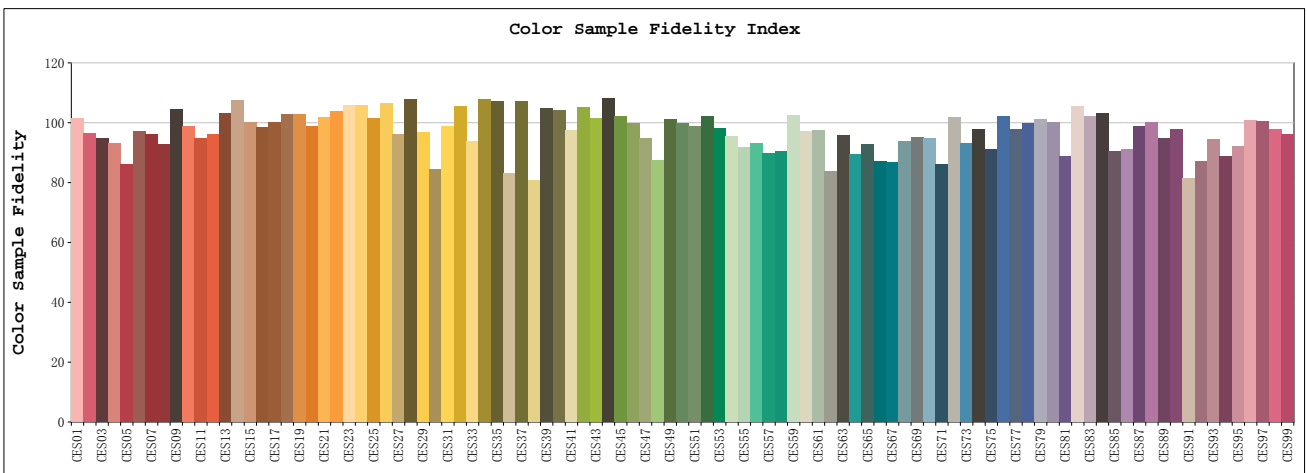
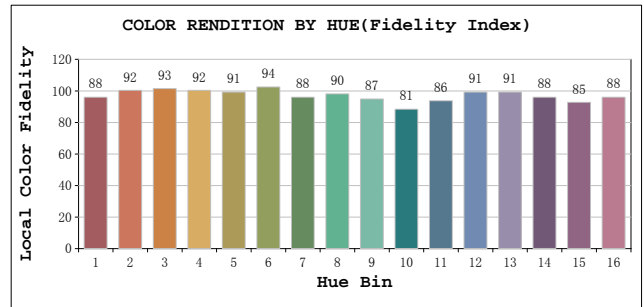
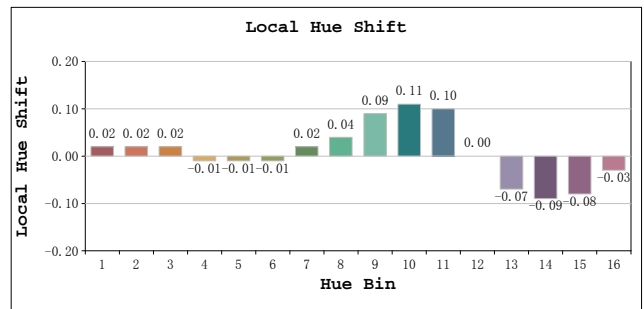
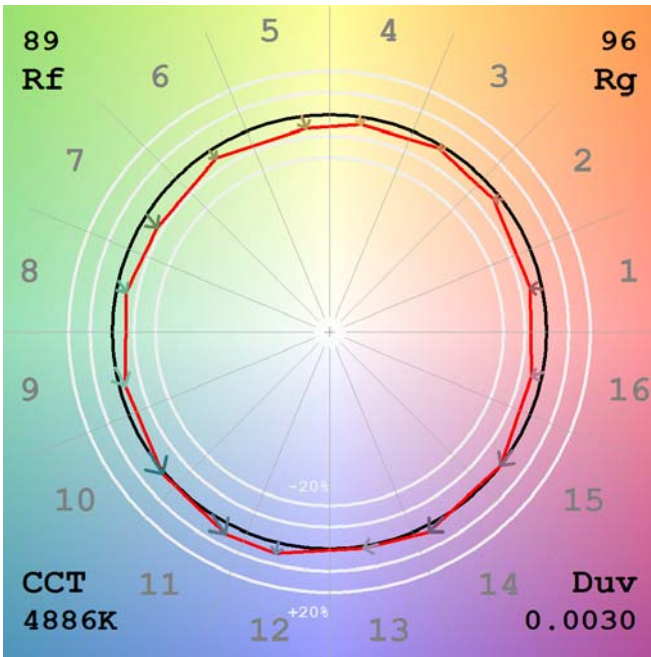
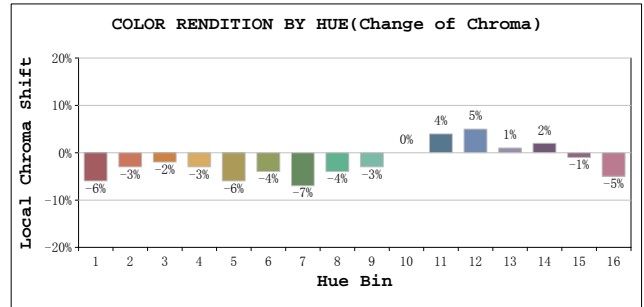
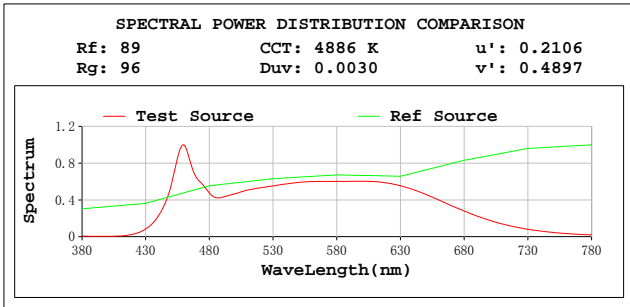
Flux = 1034.2 lm Eff. : 98.97 lm/W Fe = 3.5837 W

Flux of emitted photons( $\mu\text{mol/s}$ ):16.871 Fluo. and blue light ratio:3.572 Fluorescent eff.:257.8

### Electrical parameters

V = 120.03 V I = 0.09050 A P = 10.45 W PF = 0.9620

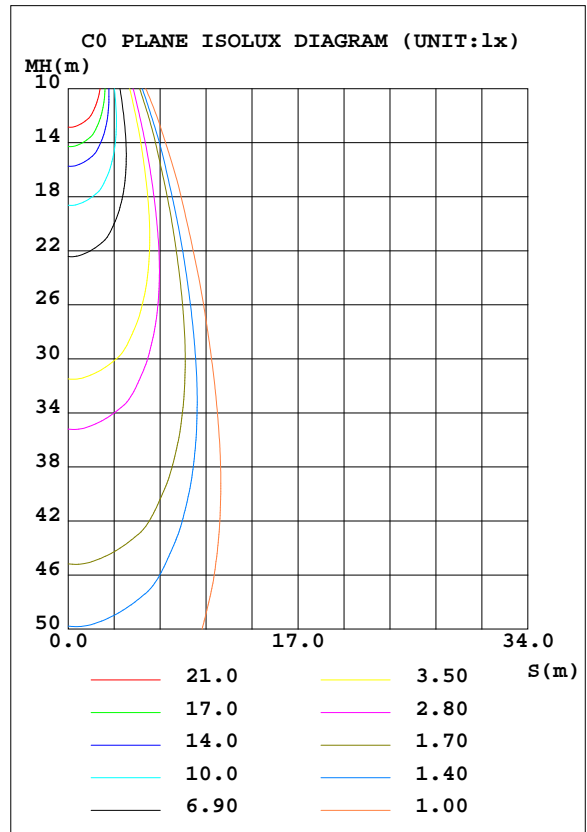
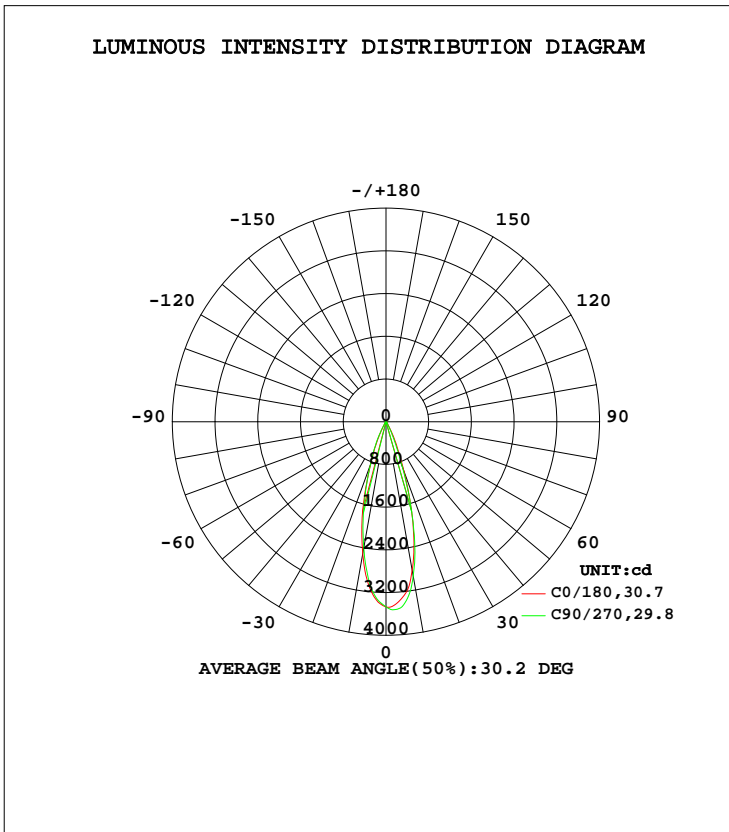
# TM30



LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: PAR30L-11-950-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.23 lm/W			
MODEL	PAR30	Imax(cd)	3546	S/MH(C0/180)	0.48
NOMINAL POWER(W)	11	LOR(%)	100.0	S/MH(C90/270)	0.47
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1086.0	η UP, DN(C0-180)	0.0, 51.7
NOMINAL FLUX(lm)	1086.03	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 48.2
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



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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

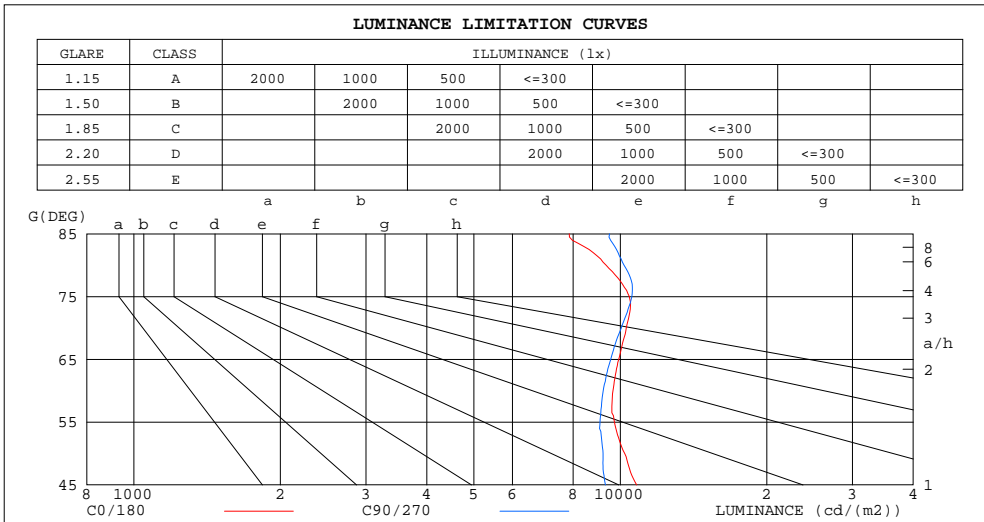
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	3329	3483	3476	3307	3188	3123	3137	3200	0- 5	80.76	80.76	7.44,7.44
10	2829	3008	2936	2715	2513	2436	2401	2539	5- 10	213.1	293.8	27.1,27.1
15	1947	2066	1968	1759	1673	1647	1580	1700	10- 15	263.5	557.4	51.3,51.3
20	987.8	997.9	897.7	834.6	849.8	930.0	865.7	882.9	15- 20	216.0	773.4	71.2,71.2
25	427.5	358.5	314.2	341.8	379.0	457.0	418.9	419.4	20- 25	128.5	901.9	83.83
30	145.8	105.2	103.7	118.1	123.9	146.3	141.2	157.9	25- 30	60.91	962.8	88.7,88.7
35	67.05	48.58	49.39	58.99	54.93	48.17	46.94	67.43	30- 35	24.26	987.1	90.9,90.9
40	48.96	38.05	38.67	45.28	37.33	38.09	35.38	41.21	35- 40	15.71	1003	92.3,92.3
45	37.88	31.21	32.70	36.53	29.34	33.48	30.64	31.38	40- 45	13.39	1016	93.6,93.6
50	32.53	27.62	29.38	31.35	25.95	29.49	27.05	27.13	45- 50	12.49	1029	94.7,94.7
55	27.67	24.23	25.84	27.16	22.63	25.94	24.04	23.38	50- 55	11.70	1040	95.8,95.8
60	23.95	21.35	22.87	23.49	19.70	22.75	21.33	20.44	55- 60	10.86	1051	96.8,96.8
65	20.80	18.95	20.03	20.17	17.37	19.45	18.51	17.96	60- 65	9.987	1061	97.7,97.7
70	17.45	16.40	17.04	16.65	14.71	15.62	15.02	15.17	65- 70	8.921	1070	98.5,98.5
75	13.39	13.29	13.56	12.80	10.52	10.29	10.04	11.02	70- 75	7.342	1077	99.2,99.2
80	8.051	8.602	8.767	7.644	5.737	5.192	5.191	6.125	75- 80	5.020	1082	99.7,99.7
85	3.394	3.989	4.110	3.235	2.056	1.470	1.564	2.239	80- 85	2.552	1085	99.9,99.9
90	0.2672	0.8315	0.8168	0.2270	0.0028	0.0028	0.0028	0.0030	85- 90	0.7363	1086	100,100
95	0.0029	0.0029	0.0029	0.0030	0.0028	0.0031	0.0031	0.0030	90- 95	0.0225	1086	100,100
100	0.0030	0.0029	0.0029	0.0029	0.0036	0.0035	0.0034	0.0036	95-100	0.0017	1086	100,100
105	0.0040	0.0042	0.0039	0.0041	0.0042	0.0041	0.0042	0.0041	100-105	0.0020	1086	100,100
110	0.0046	0.0054	0.0050	0.0051	0.0043	0.0042	0.0041	0.0042	105-110	0.0023	1086	100,100
115	0.0053	0.0055	0.0053	0.0055	0.0043	0.0041	0.0041	0.0042	110-115	0.0024	1086	100,100
120	0.0054	0.0056	0.0056	0.0055	0.0043	0.0040	0.0041	0.0042	115-120	0.0023	1086	100,100
125	0.0050	0.0056	0.0054	0.0054	0.0044	0.0040	0.0041	0.0042	120-125	0.0022	1086	100,100
130	0.0043	0.0051	0.0050	0.0049	0.0050	0.0045	0.0045	0.0048	125-130	0.0020	1086	100,100
135	0.0049	0.0053	0.0051	0.0053	0.0073	0.0064	0.0064	0.0069	130-135	0.0021	1086	100,100
140	0.0094	0.0091	0.0089	0.0106	0.0116	0.0096	0.0094	0.0104	135-140	0.0028	1086	100,100
145	0.0217	0.0238	0.0230	0.0248	0.0233	0.0189	0.0177	0.0196	140-145	0.0049	1086	100,100
150	0.0559	0.0627	0.0594	0.0607	0.0549	0.0496	0.0444	0.0458	145-150	0.0103	1086	100,100
155	0.1305	0.1375	0.1326	0.1368	0.1325	0.1323	0.1233	0.1165	150-155	0.0219	1086	100,100
160	0.2428	0.2446	0.2406	0.2526	0.2647	0.2724	0.2673	0.2491	155-160	0.0394	1086	100,100
165	0.3391	0.3372	0.3362	0.3550	0.3851	0.3918	0.3920	0.3788	160-165	0.0515	1086	100,100
170	0.3459	0.3442	0.3483	0.3611	0.3797	0.3750	0.3590	0.3660	165-170	0.0445	1086	100,100
175	0.2554	0.2558	0.2565	0.2568	0.2373	0.2293	0.2117	0.2184	170-175	0.0222	1086	100,100
180	0	0	0	0	0.0002	0.0005	0.0005	0.0006	175-180	0.0040	1086	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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity:24.3%  
 Test Distance:1.900m [K=0.6268]  
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: PAR30L-11-950-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7852	9508
80	9347	10179
75	10430	10561
70	10287	10044
65	9924	9556
60	9658	9221
55	9725	9083
50	10204	9214
45	10801	9323

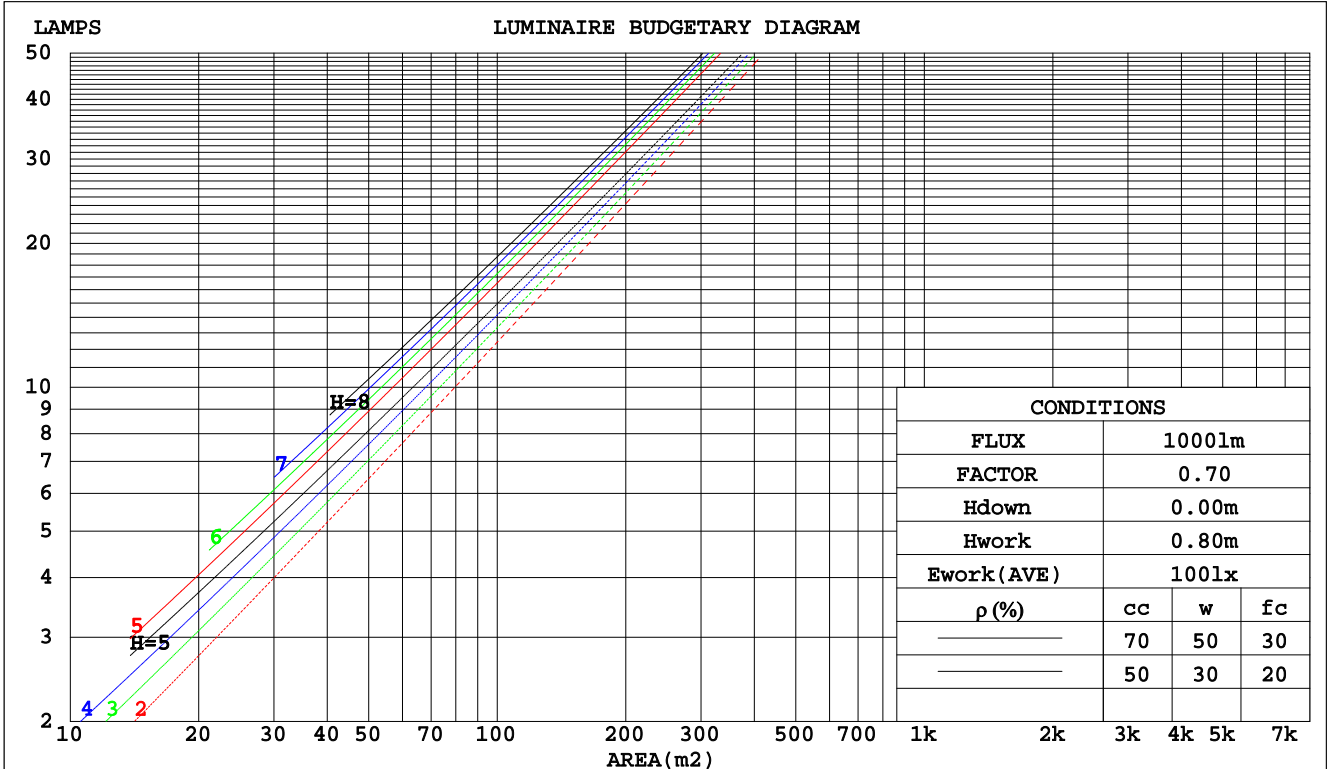
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators:  
 Test Date: 2020-04-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-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-11-950-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.96	.97	.95	.93	.95	.93	.92	.90
3.0	.90	.96	.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	.83	.90	.86	.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	.83	.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	.78	.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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks:

WEC AND CCEC

NAME: PAR30L-11-950-35D-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	.161	.092	.029	.155	.088	.028	.142	.082	.026	.131	.075	.024	.120	.070	.022	
2.0	.150	.082	.025	.144	.079	.024	.134	.074	.023	.124	.070	.022	.115	.065	.021	
3.0	.139	.074	.022	.135	.072	.022	.126	.068	.021	.118	.064	.020	.110	.061	.019	
4.0	.130	.067	.020	.126	.066	.019	.118	.063	.019	.112	.060	.018	.105	.057	.017	
5.0	.122	.062	.018	.118	.061	.018	.112	.058	.017	.106	.056	.017	.100	.054	.016	
6.0	.115	.058	.016	.112	.056	.016	.106	.054	.016	.101	.053	.015	.096	.051	.015	
7.0	.109	.054	.015	.106	.053	.015	.101	.051	.015	.097	.050	.014	.092	.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	.092	.046	.013	.089	.045	.013	.085	.043	.013	
10.0	.094	.045	.012	.092	.044	.012	.089	.043	.012	.085	.042	.012	.082	.041	.012	

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						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	.099	.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	.089	.057	.034	.077	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks:

UGR(Unified Glare Rating) Table

NAME: PAR30L-11-950-35D-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	14.0	14.8	14.2	14.9	15.1	13.3	14.0	13.5	14.2	14.4				
3H	15.9	16.6	16.2	16.8	17.0	15.4	16.1	15.6	16.3	16.5				
4H	16.8	17.5	17.1	17.7	17.9	16.4	17.1	16.7	17.3	17.5				
6H	17.5	18.1	17.8	18.3	18.6	17.2	17.9	17.5	18.1	18.3				
8H	17.7	18.3	18.0	18.5	18.8	17.5	18.1	17.8	18.4	18.6				
12H	17.8	18.4	18.1	18.6	18.9	17.7	18.3	18.0	18.5	18.8				
4H 2H	14.7	15.3	14.9	15.6	15.8	14.1	14.8	14.4	15.0	15.2				
3H	16.8	17.4	17.1	17.7	17.9	16.4	17.0	16.7	17.2	17.5				
4H	17.9	18.4	18.2	18.7	19.0	17.5	18.1	17.9	18.4	18.7				
6H	18.6	19.1	19.0	19.5	19.8	18.5	19.0	18.8	19.3	19.6				
8H	18.9	19.3	19.3	19.7	20.1	18.8	19.2	19.2	19.6	20.0				
12H	19.0	19.5	19.5	19.8	20.2	19.0	19.4	19.4	19.8	20.2				
8H 4H	18.2	18.7	18.6	19.0	19.4	18.0	18.4	18.3	18.8	19.1				
6H	19.2	19.5	19.6	19.9	20.4	19.0	19.4	19.5	19.8	20.2				
8H	19.5	19.9	20.0	20.3	20.7	19.5	19.8	19.9	20.2	20.6				
12H	19.7	20.0	20.2	20.5	20.9	19.8	20.1	20.2	20.5	21.0				
12H 4H	18.3	18.7	18.7	19.0	19.4	18.0	18.4	18.4	18.8	19.2				
6H	19.2	19.6	19.7	20.0	20.4	19.1	19.5	19.6	19.9	20.3				
8H	19.6	19.9	20.1	20.4	20.8	19.6	19.9	20.1	20.3	20.8				
Variations with the observer position at spacings:														
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1								
1.5H	+ 0.1 / - 0.1					+ 0.1 / - 0.1								
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2								

CIE Pub.117, 1086 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)

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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks:



UTILIZATION FACTORS TABLE

NAME: PAR30L-11-950-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

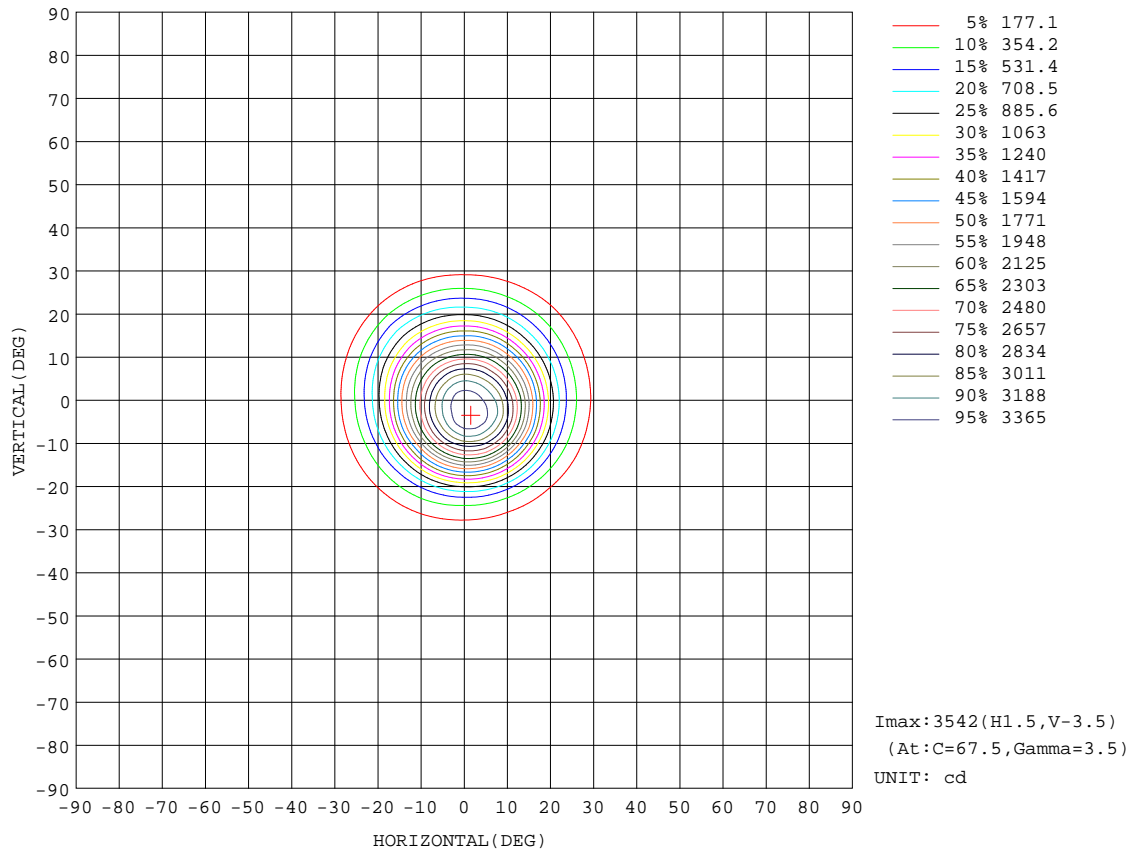
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	87	80	77	86	80	77	86	80	76	73
0.80	94	88	84	93	88	84	92	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				SHRNOM = 1.25			

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks:

ISOCANDELA DIAGRAM

NAME: PAR30L-11-950-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

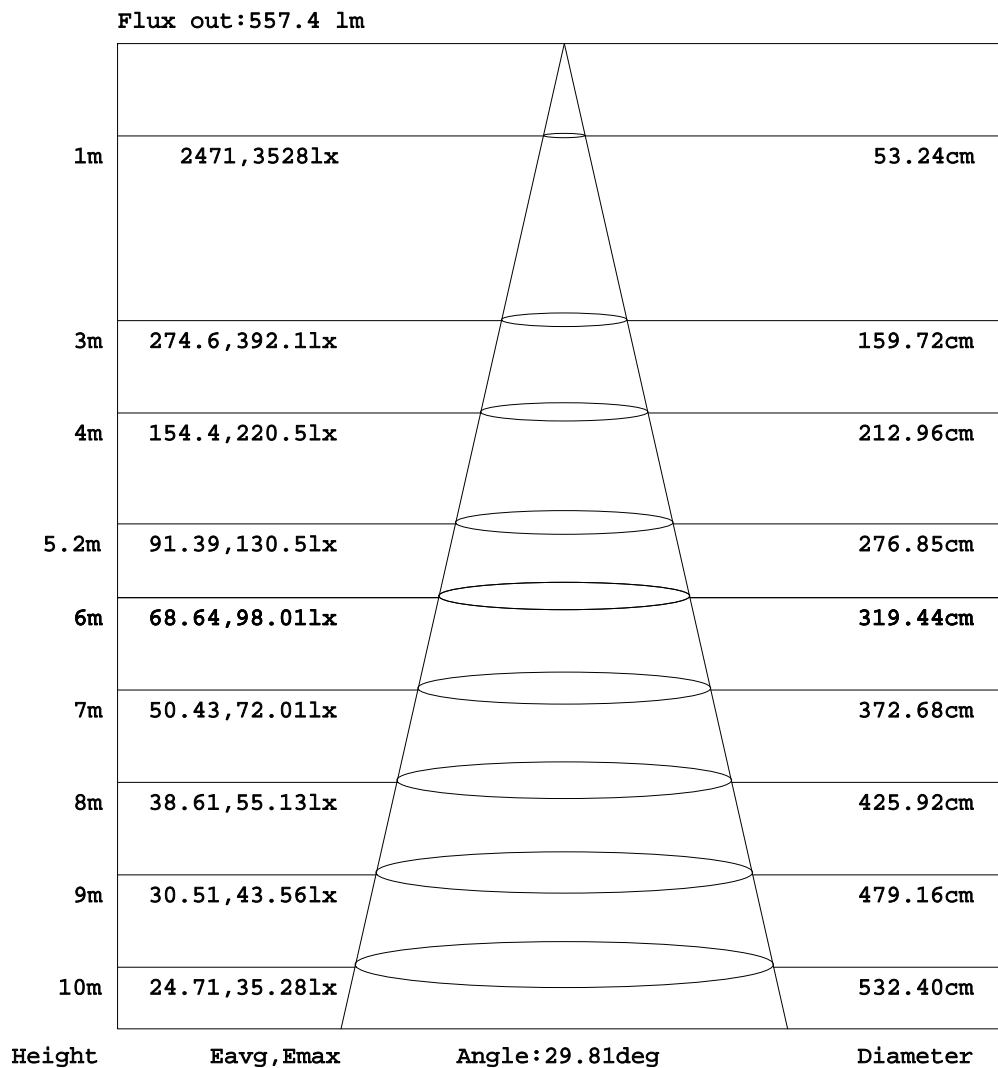


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators:  
 Test Date: 2020-04-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks:

AAI Figure

NAME: PAR30L-11-950-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



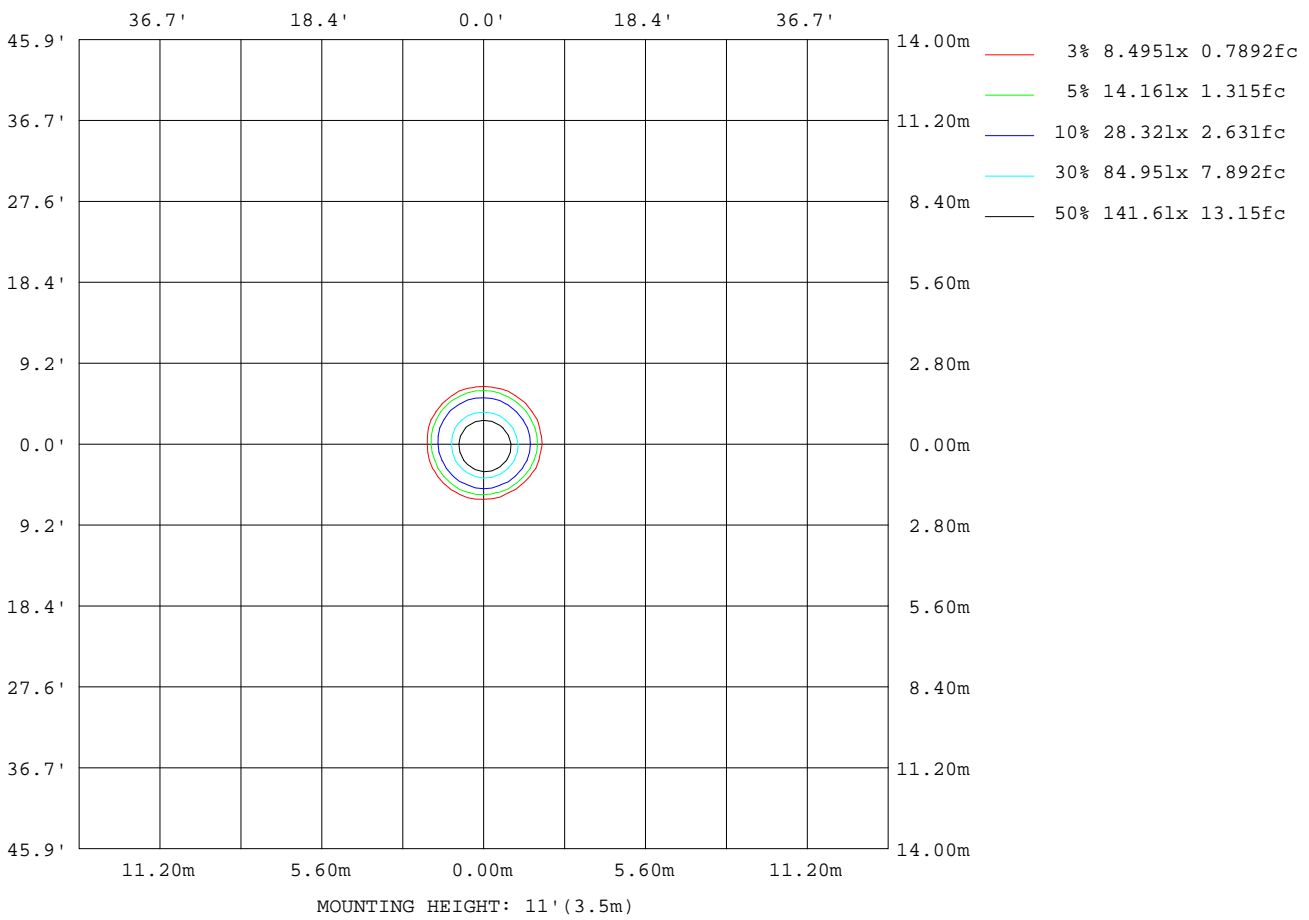
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks:

**ISOLUX DIAGRAM**

NAME: PAR30L-11-950-35D-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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks:

LED Avg.L Report

NAME: PAR30L-11-950-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

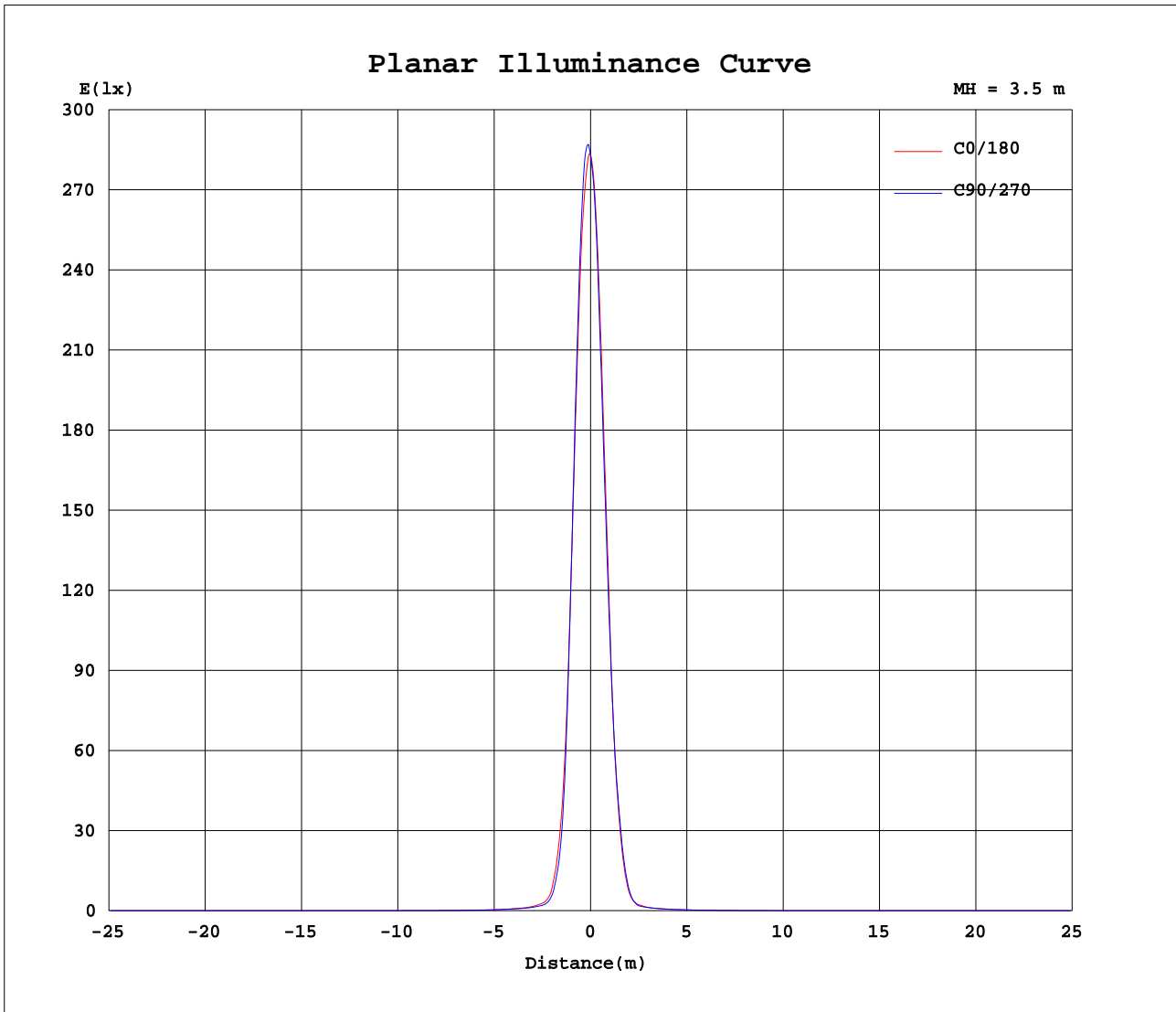
AvgL	cd/m2
L_0~180(65)av	9106
L_0~180(75)av	9312
L_0~180(85)av	6305
L_90~270(65)av	9193
L_90~270(75)av	9191
L_90~270(85)av	6563
L_45(65)av	9126
L_45(75)av	9231
L_45(85)av	6323

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 GO-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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: PAR30L-11-950-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

Table--1

UNIT: cd

C( DEG) γ (DEG)	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	3469	3469	3468	3467	3467	3467	3468	3470	3469	3469	3468	3467	3467	3467	3468	3470			
5	3329	3411	3483	3505	3476	3401	3307	3235	3188	3148	3123	3125	3137	3149	3200	3261			
10	2829	2966	3008	3007	2936	2845	2715	2596	2513	2466	2436	2402	2401	2456	2539	2677			
15	1947	2035	2066	2032	1968	1865	1759	1711	1673	1668	1647	1603	1580	1633	1700	1809			
20	988	1018	998	963	898	869	835	834	850	909	930	899	866	873	883	932			
25	428	404	358	324	314	339	342	350	379	430	457	438	419	418	419	424			
30	146	131	105	97.4	104	112	118	120	124	136	146	150	141	145	158	156			
35	67.1	60.4	48.6	47.3	49.4	52.4	59.0	59.8	54.9	50.1	48.2	50.7	46.9	54.8	67.4	69.5			
40	49.0	45.5	38.1	36.9	38.7	42.0	45.3	41.2	37.3	37.6	38.1	39.0	35.4	38.2	41.2	45.6			
45	37.9	35.2	31.2	30.2	32.7	36.0	36.5	31.2	29.3	31.0	33.5	34.3	30.6	32.4	31.4	35.2			
50	32.5	31.0	27.6	26.7	29.4	31.6	31.3	26.9	26.0	26.8	29.5	30.1	27.0	28.1	27.1	30.6			
55	27.7	27.1	24.2	23.5	25.8	27.3	27.2	23.3	22.6	23.6	25.9	26.3	24.0	23.4	23.4	26.4			
60	24.0	23.6	21.3	21.0	22.9	23.7	23.5	20.5	19.7	20.9	22.7	22.9	21.3	19.9	20.4	23.1			
65	20.8	20.5	18.9	18.8	20.0	20.6	20.2	18.0	17.4	18.2	19.4	19.6	18.5	17.4	18.0	20.0			
70	17.5	17.2	16.4	16.4	17.0	17.3	16.7	15.3	14.7	15.0	15.6	15.7	15.0	14.6	15.2	16.7			
75	13.4	13.6	13.3	13.3	13.6	13.6	12.8	11.5	10.5	10.1	10.3	10.3	10.0	10.2	11.0	12.4			
80	8.05	8.54	8.60	8.75	8.77	8.49	7.64	6.53	5.74	5.26	5.19	5.17	5.19	5.42	6.12	7.23			
85	3.39	3.81	3.99	4.11	4.11	3.80	3.23	2.60	2.06	1.67	1.47	1.44	1.56	1.82	2.24	2.83			
90	0.27	0.61	0.83	0.92	0.82	0.57	0.23	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03			
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	0.01	0.01	0.00	0.00	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	0.00	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			
130	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
135	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	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	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.05			
155	0.13	0.14	0.14	0.14	0.13	0.13	0.14	0.14	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12			
160	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.26	0.26	0.27	0.27	0.27	0.27	0.26	0.25	0.24			
165	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.37	0.39	0.39	0.39	0.39	0.39	0.39	0.38	0.36			
170	0.35	0.35	0.34	0.34	0.35	0.35	0.36	0.37	0.38	0.38	0.37	0.37	0.36	0.37	0.37	0.36			
175	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.24	0.24	0.23	0.22	0.21	0.22	0.22	0.23			
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  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators:  
 Test Date: 2020-04-22

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6268]  
 Remarks: