

Sample : PAR30L-11-950-25D-DIM
Specification :
Sample No. :
Manufacturer : RAB Lighting Inc.
Assessor : cuiquan
Remark :
Device SN :

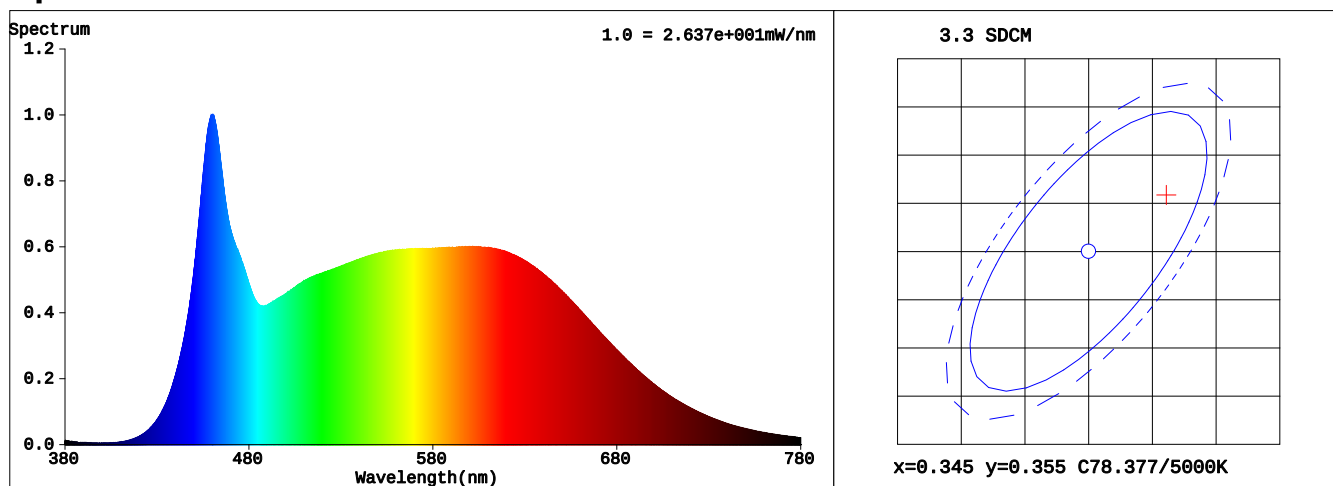
Date : 2020-05-26 16:21:15
Sam. Status :
Standard : LM-79-08
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

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

RH : 30.1%
IP : 49496 (76%)
T : 101 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3507$ $y = 0.3609$ / $u' = 0.2116$ $v' = 0.4900$ ($duv=2.40e-03$)

CCT= 4829K Prcp WL: Ld=572.5nm Purity=13.5%

Peak WL: Lp=460nm FWHM: =29.8nm Ratio:R=17.6% G=76.4% B=6.0%

Render Index: Ra = 91.5 TM30:Rf=89 Rg=96

EEL: 0.12823 A+

R1 =94 R2 =99 R3 =95 R4 =85 R5 =91 R6 =96 R7 =88
R8 =84 R9 =70 R10=98 R11=87 R12=67 R13=97 R14=98 R15=90
LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

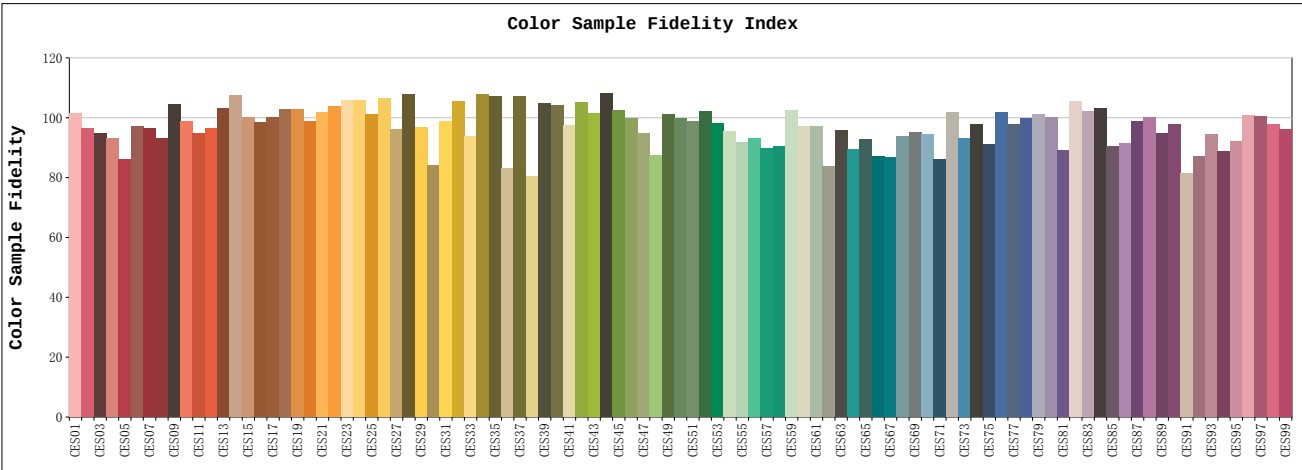
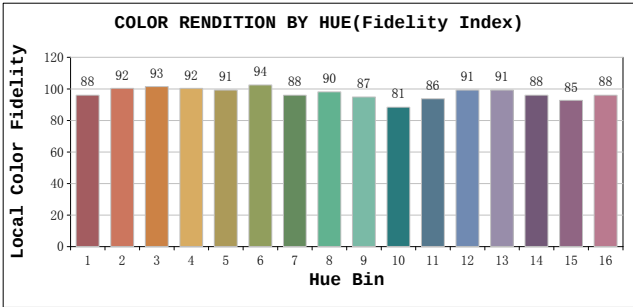
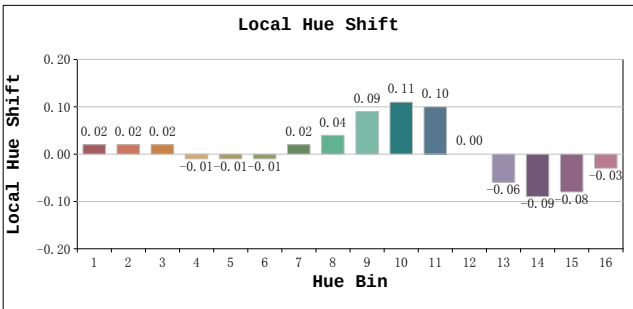
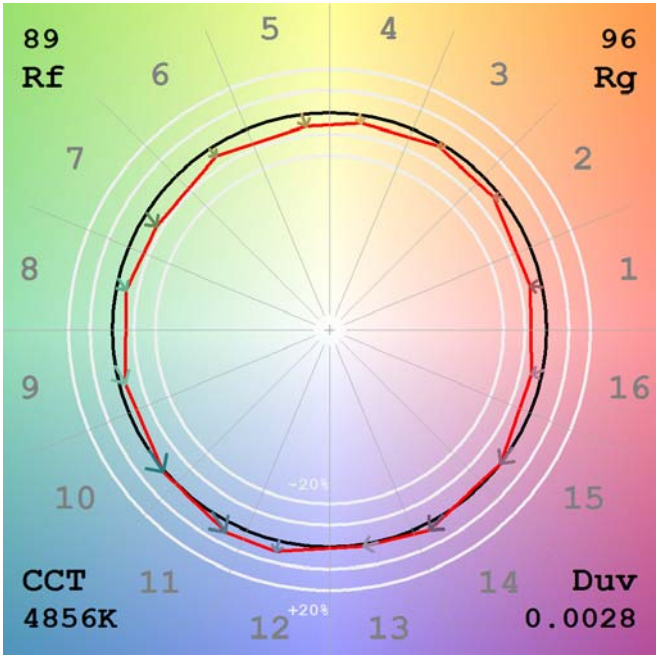
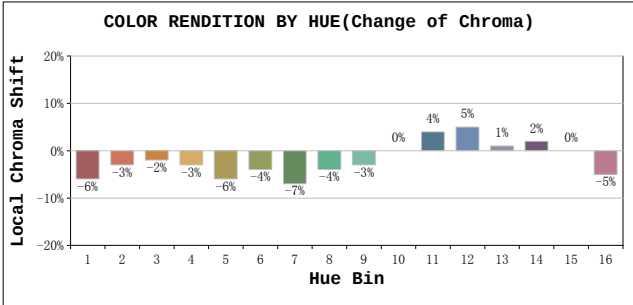
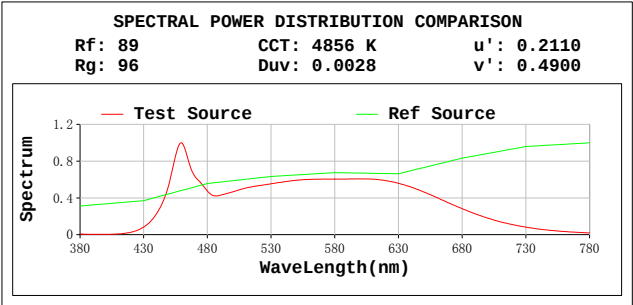
Flux = 1080.8 lm Eff. : 102.93 lm/W Fe = 3.7568 W

Flux of emitted photons($\mu\text{mol/s}$):17.717 Fluo. and blue light ratio:3.557 Fluorescent eff.:270.1

Electrical parameters

V = 120.02 V I = 0.09050 A P = 10.50 W PF = 0.9667

TM30

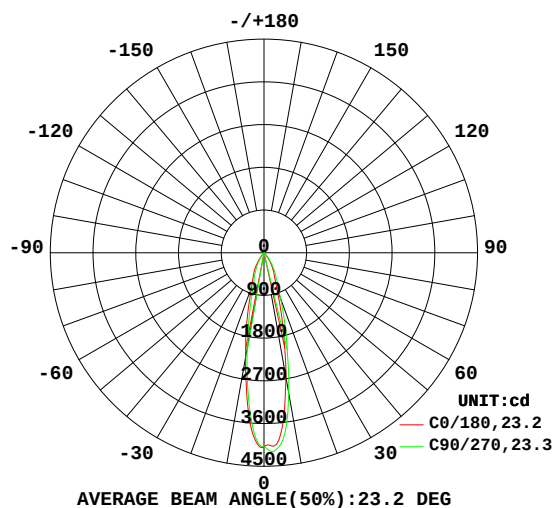


LUMINAIRE PHOTOMETRIC TEST REPORT

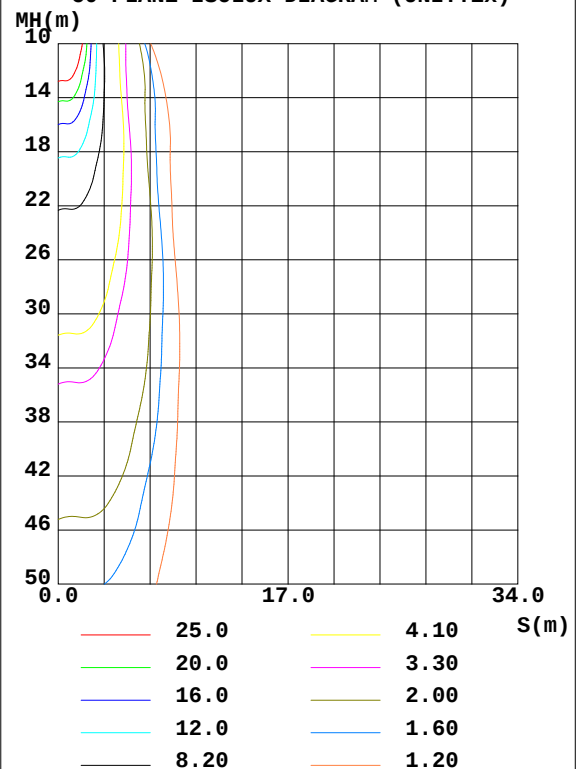
NAME: PAR30L-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.78 lm/W			
MODEL	P30	Imax(cd)	4195	S/MH(C0/180)	0.37
NOMINAL POWER(W)	/	LOR(%)	100.0	S/MH(C90/270)	0.34
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1133.8	η UP, DN(C0-180)	0.0, 57.1
NOMINAL FLUX(lm)	1133.81	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 42.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.00

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: 2020-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

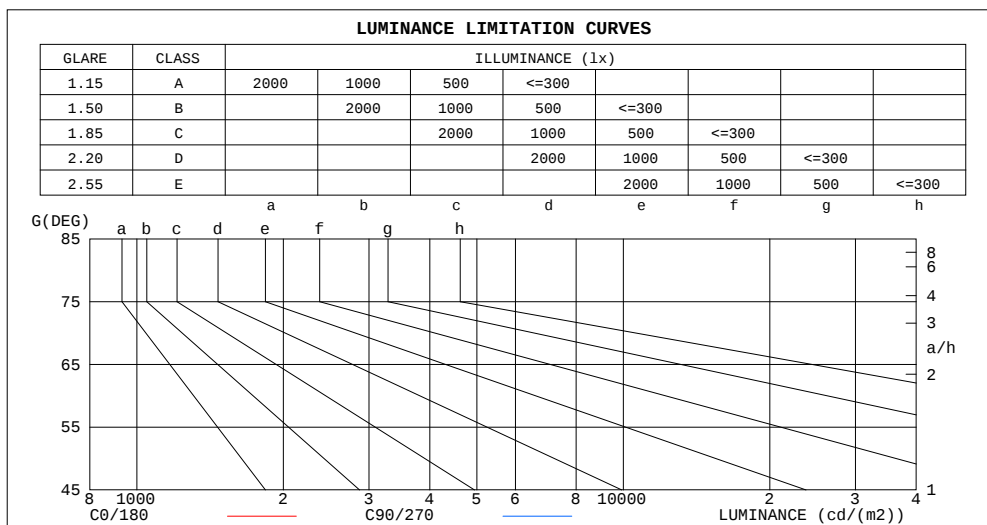
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	3884	3995	4051	3884	3537	3366	3378	3577	0- 5	93.86	93.86	8.28,8.28
10	2665	2941	2996	2708	2249	2040	2043	2251	5- 10	218.3	312.1	27.5,27.5
15	1497	1741	1807	1645	1329	1135	1077	1193	10- 15	223.5	535.6	47.2,47.2
20	780.4	953.2	1025	932.4	766.7	664.8	622.5	655.0	15- 20	175.1	710.8	62.7,62.7
25	509.6	590.6	638.6	604.4	535.1	452.2	419.9	452.9	20- 25	134.5	845.2	74.5,74.5
30	347.6	404.4	438.9	435.9	367.5	286.3	256.1	290.0	25- 30	110.0	955.2	84.3,84.3
35	195.0	245.0	272.0	269.2	201.5	136.1	116.4	139.4	30- 35	80.05	1035	91.3,91.3
40	64.69	100.6	122.9	114.0	70.96	43.37	40.42	45.34	35- 40	43.35	1079	95.1,95.1
45	24.44	29.02	39.74	37.45	22.30	18.80	23.48	24.71	40- 45	16.76	1095	96.6,96.6
50	18.04	16.04	20.34	23.49	16.85	16.02	19.34	18.86	45- 50	8.819	1104	97.4,97.4
55	14.50	14.10	17.02	15.79	13.22	12.62	13.29	13.40	50- 55	7.227	1111	98.98
60	12.17	11.44	11.66	11.44	11.02	10.86	10.93	11.07	55- 60	5.792	1117	98.5,98.5
65	10.76	10.06	9.614	9.648	9.685	9.660	9.508	9.901	60- 65	5.137	1122	99.99
70	8.916	9.193	8.311	8.010	7.240	6.882	6.814	7.417	65- 70	4.590	1127	99.4,99.4
75	5.524	6.041	5.550	5.074	4.154	3.900	3.879	4.314	70- 75	3.318	1130	99.7,99.7
80	3.085	3.404	3.159	2.842	2.400	2.172	2.199	2.540	75- 80	1.955	1132	99.9,99.9
85	1.461	1.715	1.546	1.275	0.8941	0.7009	0.7404	1.034	80- 85	1.045	1133	100,100
90	0.1389	0.3031	0.2572	0.0600	0.0021	0.0021	0.0020	0.0020	85- 90	0.2999	1134	100,100
95	0.0021	0.0021	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	90- 95	0.0080	1134	100,100
100	0.0027	0.0021	0.0021	0.0028	0.0026	0.0027	0.0025	0.0025	95-100	0.0012	1134	100,100
105	0.0028	0.0023	0.0024	0.0028	0.0031	0.0031	0.0028	0.0031	100-105	0.0014	1134	100,100
110	0.0029	0.0027	0.0027	0.0029	0.0033	0.0034	0.0032	0.0033	105-110	0.0015	1134	100,100
115	0.0039	0.0037	0.0035	0.0038	0.0033	0.0034	0.0033	0.0035	110-115	0.0017	1134	100,100
120	0.0040	0.0038	0.0038	0.0040	0.0033	0.0034	0.0034	0.0035	115-120	0.0018	1134	100,100
125	0.0040	0.0038	0.0038	0.0040	0.0034	0.0036	0.0038	0.0038	120-125	0.0017	1134	100,100
130	0.0040	0.0036	0.0037	0.0039	0.0041	0.0047	0.0052	0.0051	125-130	0.0017	1134	100,100
135	0.0075	0.0053	0.0051	0.0057	0.0085	0.0109	0.0127	0.0122	130-135	0.0023	1134	100,100
140	0.0217	0.0156	0.0142	0.0163	0.0213	0.0261	0.0296	0.0291	135-140	0.0052	1134	100,100
145	0.0467	0.0361	0.0330	0.0372	0.0427	0.0504	0.0557	0.0553	140-145	0.0108	1134	100,100
150	0.0809	0.0666	0.0617	0.0672	0.0715	0.0827	0.0908	0.0885	145-150	0.0174	1134	100,100
155	0.1300	0.1104	0.1038	0.1119	0.1255	0.1447	0.1589	0.1519	150-155	0.0252	1134	100,100
160	0.2104	0.1846	0.1771	0.1932	0.2290	0.2565	0.2760	0.2644	155-160	0.0360	1134	100,100
165	0.3020	0.2737	0.2684	0.2942	0.3583	0.3884	0.4133	0.3974	160-165	0.0460	1134	100,100
170	0.3467	0.3270	0.3255	0.3468	0.4007	0.4176	0.4356	0.4292	165-170	0.0436	1134	100,100
175	0.2878	0.2902	0.2894	0.2871	0.2758	0.2695	0.2660	0.2738	170-175	0.0246	1134	100,100
180	0	0	0	0	0.0004	0.0008	0.0008	0.0007	175-180	0.0046	1134	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:2020-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity:24.3%
 Test Distance:1.175m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: PAR30L-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



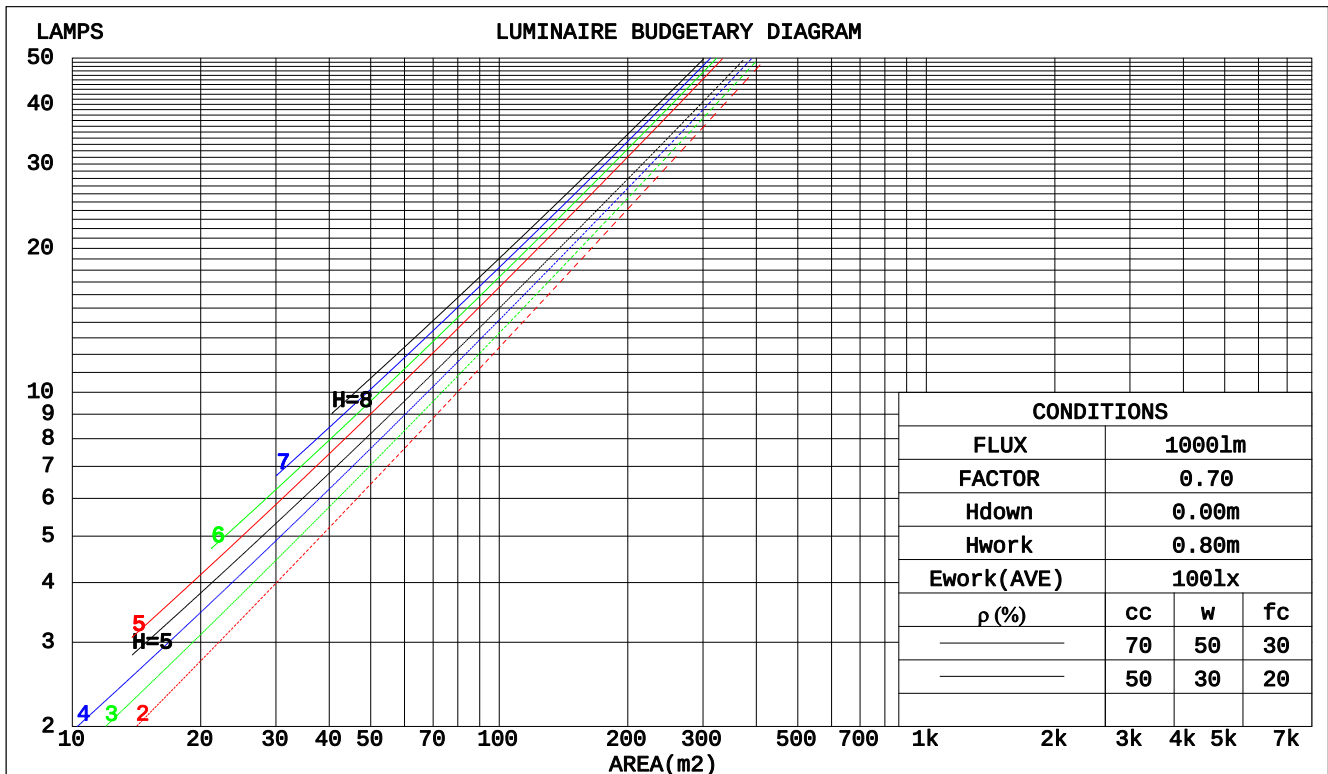
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-05-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.175m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: PAR30L-11-950-25D-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	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	.00	.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	.85	.83	.82
5.0	.90	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6.0	.86	.82	.78	.86	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.76	.75
7.0	.83	.78	.75	.82	.78	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
8.0	.80	.75	.71	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
9.0	.77	.72	.69	.76	.72	.68	.75	.71	.68	.75	.71	.68	.74	.70	.68	.67
10.0	.74	.69	.66	.73	.69	.66	.73	.69	.66	.72	.68	.66	.71	.68	.65	.64



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
 Test Date: 2020-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: PAR30L-11-950-25D-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	.158	.090	.028	.151	.086	.027	.138	.079	.025	.127	.073	.023	.116	.067	.022		
2.0	.148	.081	.025	.142	.078	.024	.132	.073	.023	.122	.069	.021	.113	.064	.020		
3.0	.139	.074	.022	.134	.072	.022	.125	.068	.021	.117	.064	.020	.110	.061	.019		
4.0	.131	.068	.020	.127	.066	.020	.119	.063	.019	.112	.060	.018	.106	.057	.018		
5.0	.123	.063	.018	.120	.062	.018	.114	.059	.017	.108	.057	.017	.102	.054	.016		
6.0	.117	.059	.017	.114	.058	.017	.108	.056	.016	.103	.054	.016	.098	.052	.015		
7.0	.111	.055	.016	.109	.054	.015	.104	.052	.015	.099	.051	.015	.095	.049	.014		
8.0	.106	.052	.015	.104	.051	.014	.099	.050	.014	.095	.048	.014	.091	.047	.014		
9.0	.101	.049	.014	.099	.048	.014	.095	.047	.013	.092	.046	.013	.088	.045	.013		
10.0	.097	.046	.013	.095	.046	.013	.092	.045	.013	.088	.044	.012	.085	.043	.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	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.114	.093	.119	.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	.110	.077	.053	.094	.067	.046	.065	.047	.033	.038	.027	.019	.012	.009	.006	
7.0	.102	.069	.045	.088	.060	.040	.061	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.096	.062	.039	.083	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.078	.049	.030	.054	.035	.021	.032	.020	.013	.010	.007	.004	
10.0	.086	.052	.030	.074	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.175m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: PAR30L-11-950-25D-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	0.9	1.6	1.1	1.8	2.0	2.1	2.8	2.3	3.0	3.2				
3H	1.2	1.9	1.4	2.1	2.3	2.2	2.9	2.4	3.1	3.3				
4H	1.3	2.0	1.6	2.2	2.4	2.3	3.0	2.5	3.2	3.4				
6H	1.4	2.0	1.7	2.3	2.5	2.3	3.0	2.6	3.2	3.4				
8H	1.4	2.0	1.7	2.3	2.5	2.3	2.9	2.6	3.2	3.4				
12H	1.4	2.0	1.7	2.3	2.5	2.3	2.9	2.6	3.2	3.4				
4H 2H	0.8	1.5	1.1	1.7	1.9	2.0	2.6	2.2	2.9	3.1				
3H	1.3	1.9	1.6	2.1	2.4	2.2	2.8	2.5	3.1	3.3				
4H	1.5	2.1	1.9	2.4	2.7	2.4	2.9	2.7	3.2	3.5				
6H	1.7	2.1	2.0	2.5	2.8	2.4	2.9	2.8	3.3	3.6				
8H	1.7	2.1	2.1	2.5	2.9	2.5	2.9	2.9	3.3	3.6				
12H	1.7	2.1	2.1	2.5	2.9	2.5	2.9	2.9	3.3	3.7				
8H 4H	1.5	2.0	1.9	2.3	2.7	2.4	2.8	2.7	3.1	3.5				
6H	1.8	2.1	2.2	2.5	2.9	2.5	2.9	2.9	3.3	3.7				
8H	1.8	2.2	2.3	2.6	3.0	2.6	2.9	3.0	3.3	3.7				
12H	1.9	2.2	2.4	2.6	3.1	2.6	2.9	3.1	3.3	3.8				
12H 4H	1.5	1.9	1.9	2.3	2.7	2.3	2.7	2.7	3.1	3.5				
6H	1.7	2.1	2.2	2.5	2.9	2.5	2.8	2.9	3.2	3.7				
8H	1.9	2.1	2.3	2.6	3.0	2.6	2.8	3.0	3.3	3.8				
Variations with the observer position at spacings:														
S = 1.0H	+ 1.7 / - 1.9					+ 2.7 / - 3.0								
1.5H	+ 3.6 / - 1.8					+ 5.0 / - 2.9								
2.0H	+ 0.4 / - 0.3					+ 1.9 / - 0.6								

CIE Pub.117, 1134 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.4$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-05-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.175m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: PAR30L-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

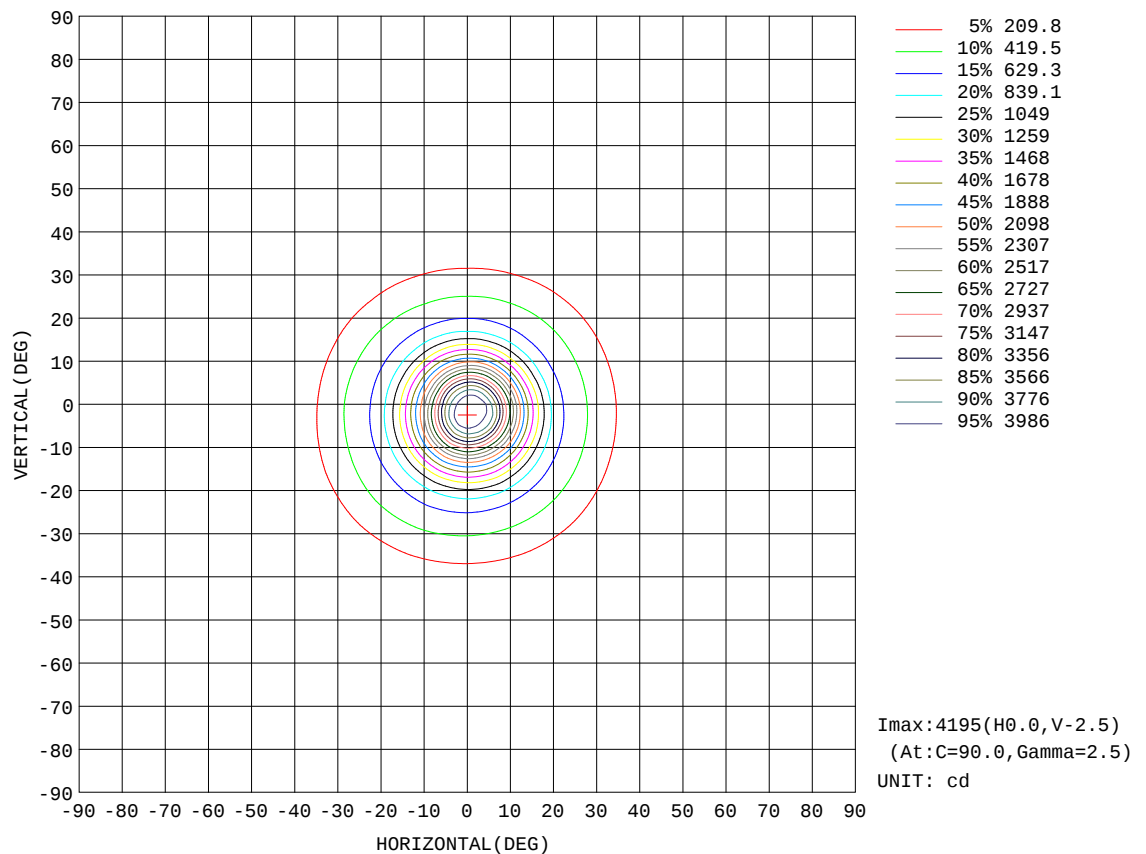
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	89	82	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	94	89	86	82
1.00	100	94	91	99	94	91	97	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	107	99
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: 2020-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.175m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: PAR30L-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

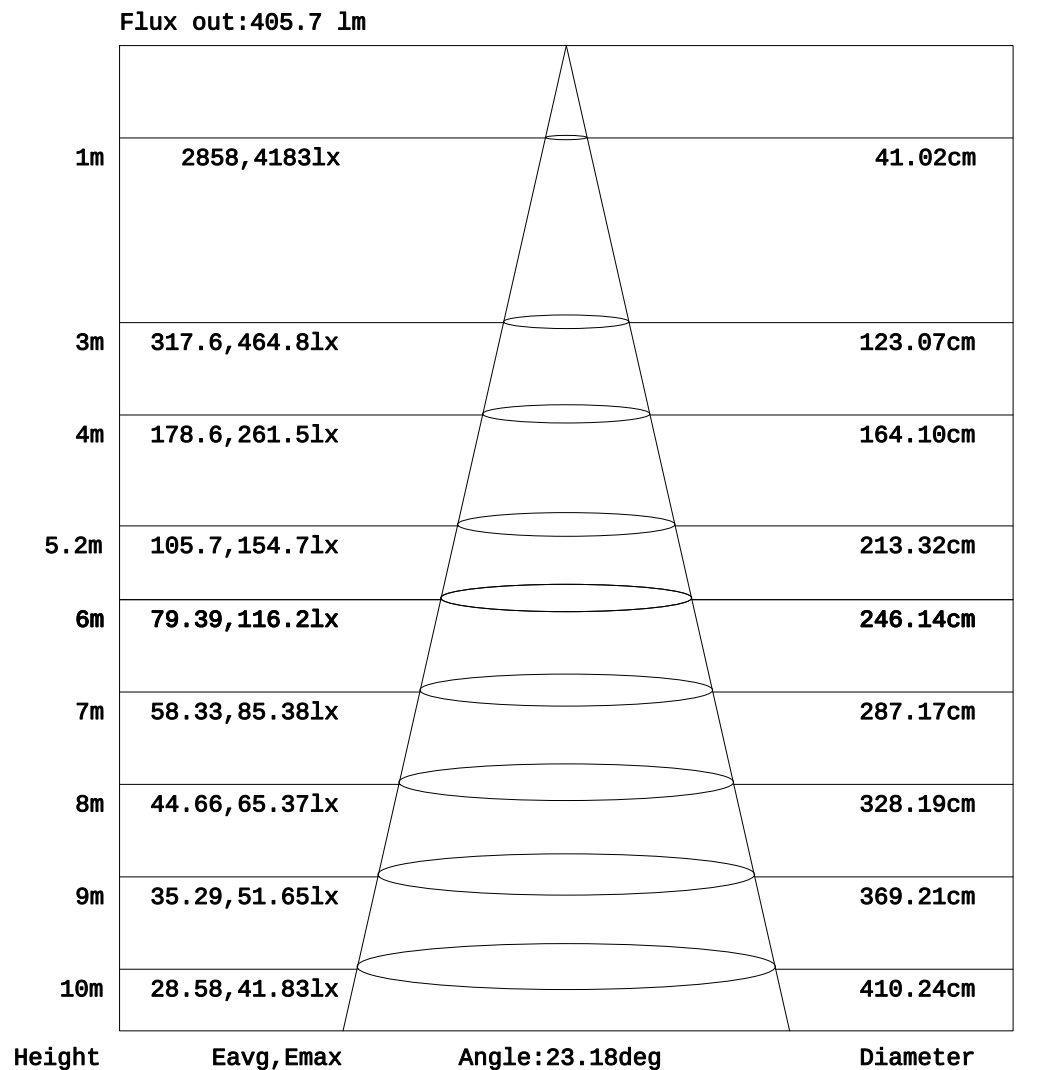


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-05-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.175m [K=1.0000]
Remarks:

AAI Figure

NAME: PAR30L-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



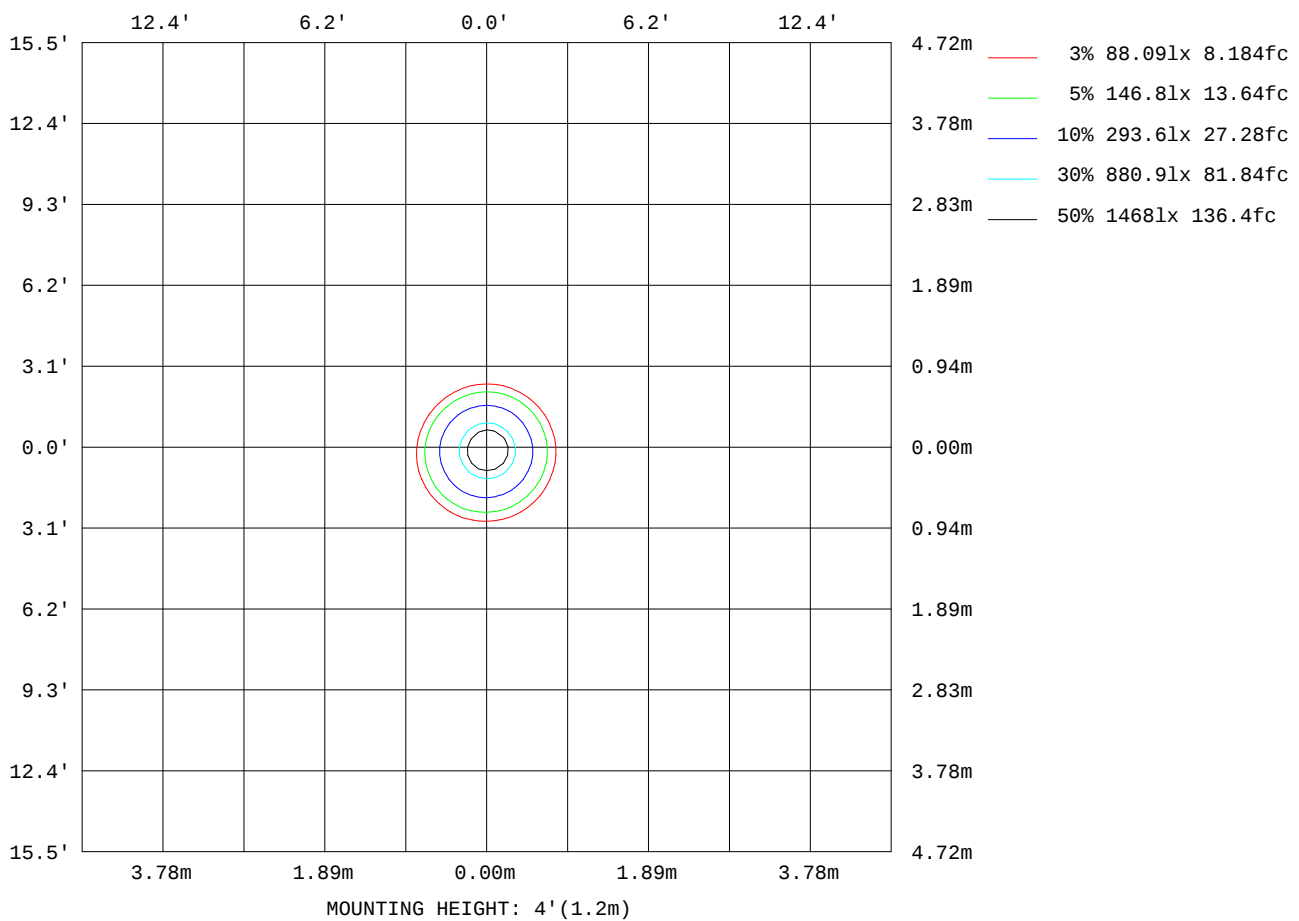
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
 Test Date: 2020-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: PAR30L-11-950-25D-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: 2020-05-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.175m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: PAR30L-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

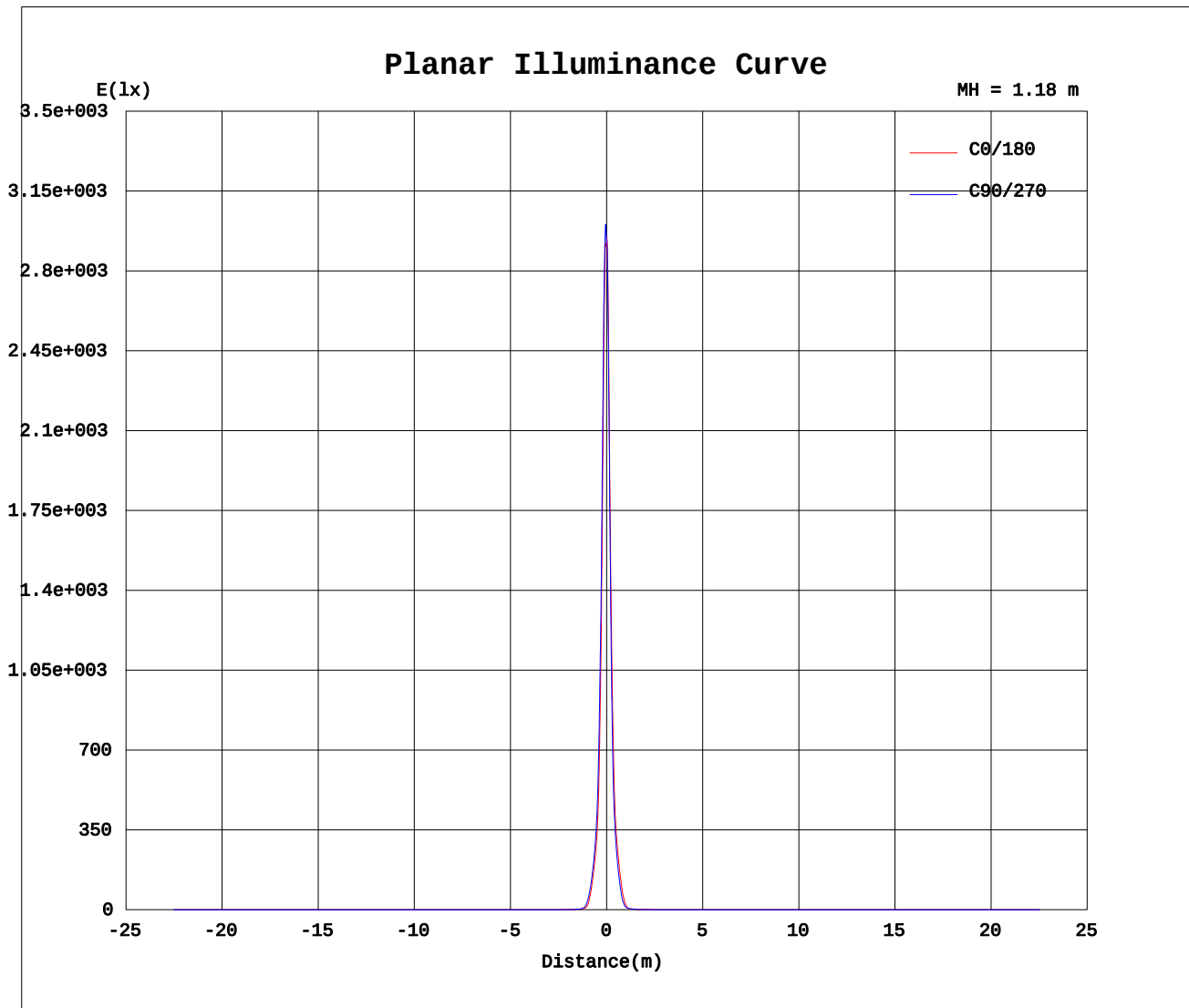
AvgL	cd/m2
L_0~180(65)av	80
L_0~180(75)av	62
L_0~180(85)av	45
L_90~270(65)av	75
L_90~270(75)av	60
L_90~270(85)av	43
L_45(65)av	77
L_45(75)av	62
L_45(85)av	45

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-05-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.175m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2020-05-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.175m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: PAR30L-11-950-25D-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	4089	4090	4089	4090	4088	4086	4083	4079	4089	4090	4089	4090	4088	4086	4083	4079			
5	3884	3975	3995	4040	4051	4013	3884	3701	3537	3430	3366	3335	3378	3471	3577	3705			
10	2665	2829	2941	2993	2996	2916	2708	2464	2249	2110	2040	2014	2043	2133	2251	2426			
15	1497	1630	1741	1804	1807	1761	1645	1480	1329	1213	1135	1088	1077	1115	1193	1319			
20	780	866	953	1022	1025	998	932	843	767	714	665	633	623	633	655	699			
25	510	549	591	621	639	636	604	569	535	493	452	424	420	430	453	478			
30	348	378	404	423	439	447	436	401	367	325	286	263	256	268	290	316			
35	195	220	245	264	272	280	269	243	202	161	136	122	116	123	139	165			
40	64.7	81.5	101	120	123	123	114	93.5	71.0	52.1	43.4	40.5	40.4	42.3	45.3	54.2			
45	24.4	24.9	29.0	36.5	39.7	41.3	37.5	29.3	22.3	19.1	18.8	20.4	23.5	24.4	24.7	24.5			
50	18.0	16.3	16.0	17.4	20.3	24.5	23.5	19.7	16.9	16.1	16.0	17.7	19.3	18.9	18.9	19.1			
55	14.5	14.2	14.1	15.3	17.0	17.4	15.8	14.4	13.2	12.7	12.6	13.6	13.3	13.1	13.4	14.0			
60	12.2	11.9	11.4	11.3	11.7	11.7	11.4	11.2	11.0	10.7	10.9	11.5	10.9	10.8	11.1	11.7			
65	10.8	10.6	10.1	9.70	9.61	9.71	9.65	9.56	9.69	9.36	9.66	10.5	9.51	9.43	9.90	10.6			
70	8.92	9.34	9.19	8.67	8.31	8.20	8.01	7.63	7.24	6.80	6.88	7.11	6.81	6.94	7.42	8.09			
75	5.52	5.87	6.04	5.84	5.55	5.34	5.07	4.55	4.15	3.97	3.90	3.85	3.88	4.04	4.31	4.87			
80	3.09	3.30	3.40	3.29	3.16	3.03	2.84	2.59	2.40	2.27	2.17	2.16	2.20	2.33	2.54	2.81			
85	1.46	1.62	1.71	1.66	1.55	1.43	1.28	1.07	0.89	0.78	0.70	0.69	0.74	0.86	1.03	1.24			
90	0.14	0.23	0.30	0.31	0.26	0.17	0.06	0.00	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	0.00	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			
115	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			
120	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			
125	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			
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00			
135	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			
140	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03			
145	0.05	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.05			
150	0.08	0.07	0.07	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.08			
155	0.13	0.12	0.11	0.11	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.15	0.14			
160	0.21	0.20	0.18	0.18	0.18	0.18	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.27	0.26	0.25			
165	0.30	0.29	0.27	0.27	0.27	0.28	0.29	0.31	0.36	0.36	0.39	0.41	0.41	0.41	0.40	0.38			
170	0.35	0.34	0.33	0.32	0.33	0.34	0.35	0.36	0.40	0.40	0.42	0.43	0.44	0.43	0.43	0.42			
175	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.27	0.27	0.27	0.27	0.27	0.28			
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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