

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

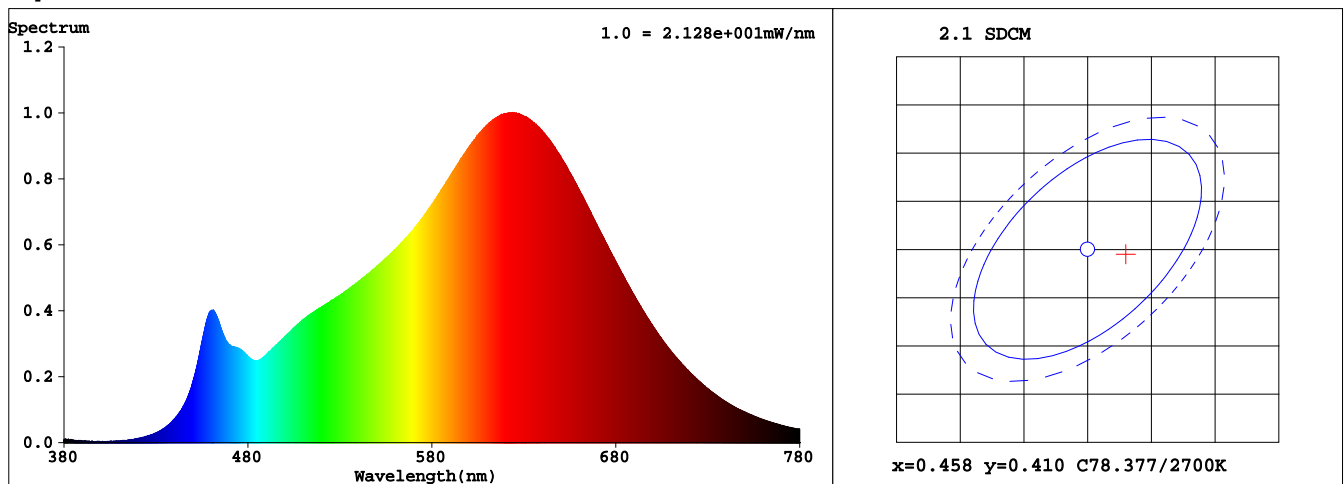
Date : 2020-05-26 16:07:17
Sam. Status :
Standard : LM-79-08
Instrument : HaasSuite(EVERFINE)
Test by :

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

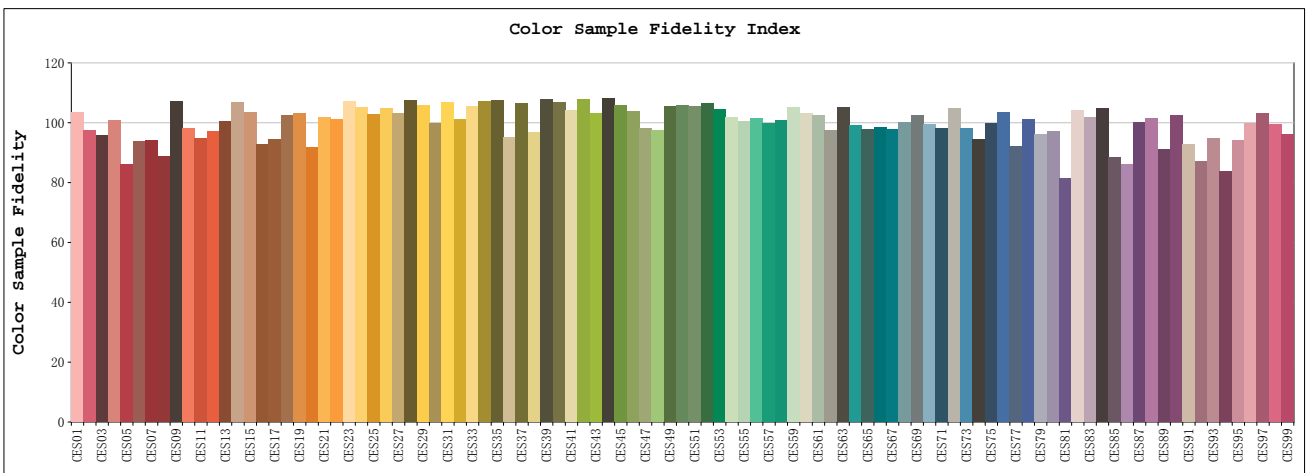
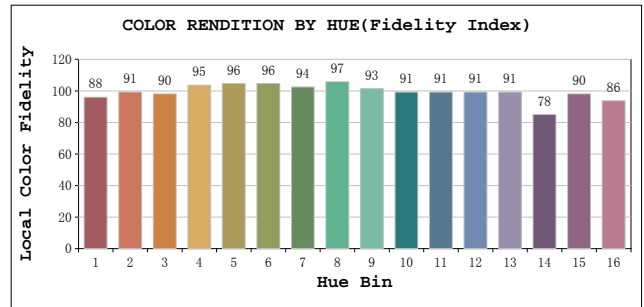
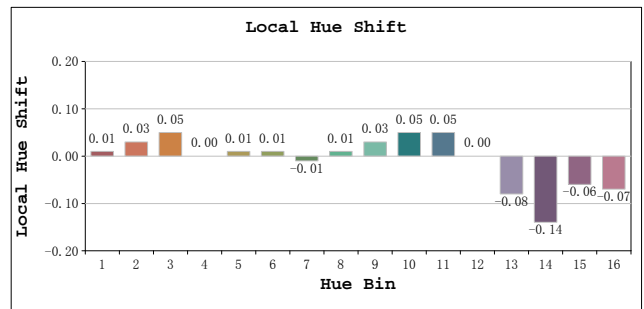
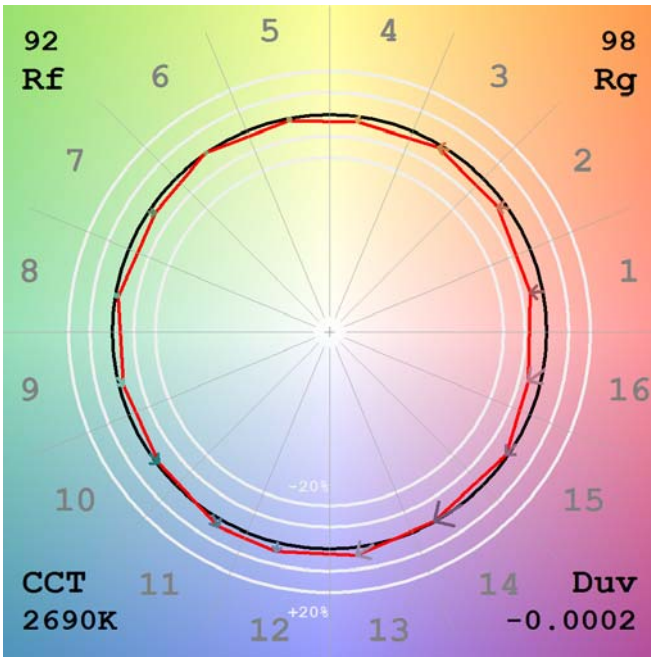
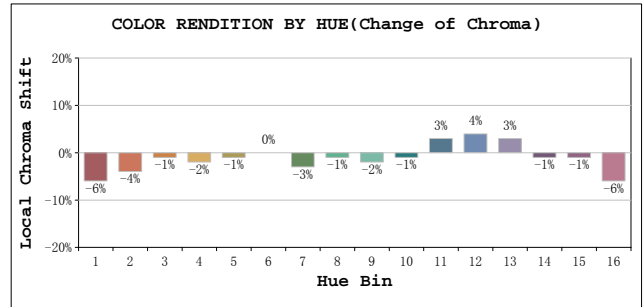
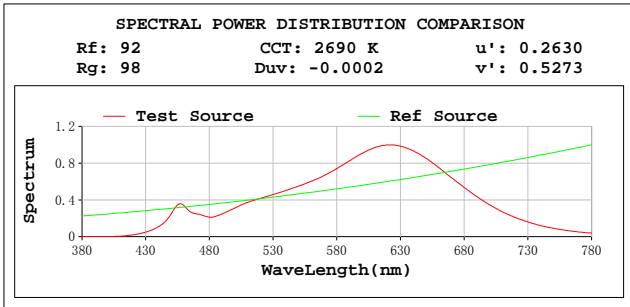
Photometric & Radiometric Parameters

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

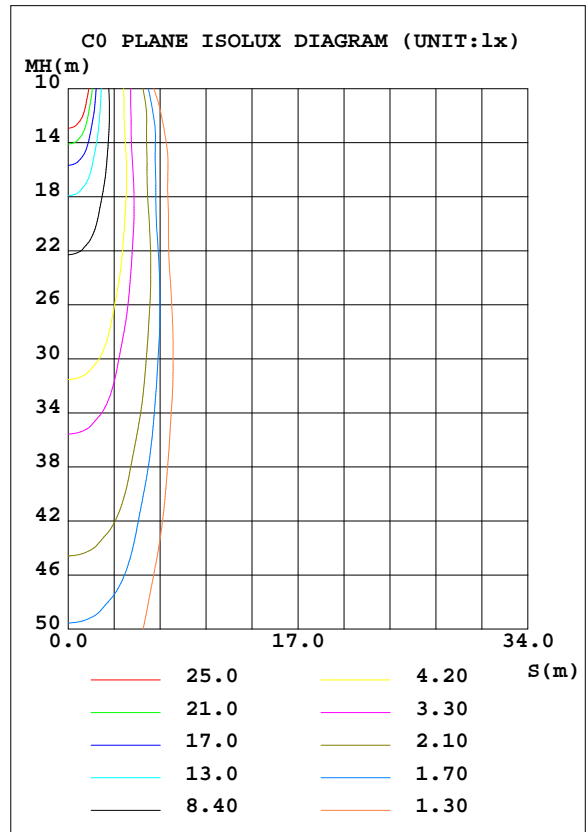
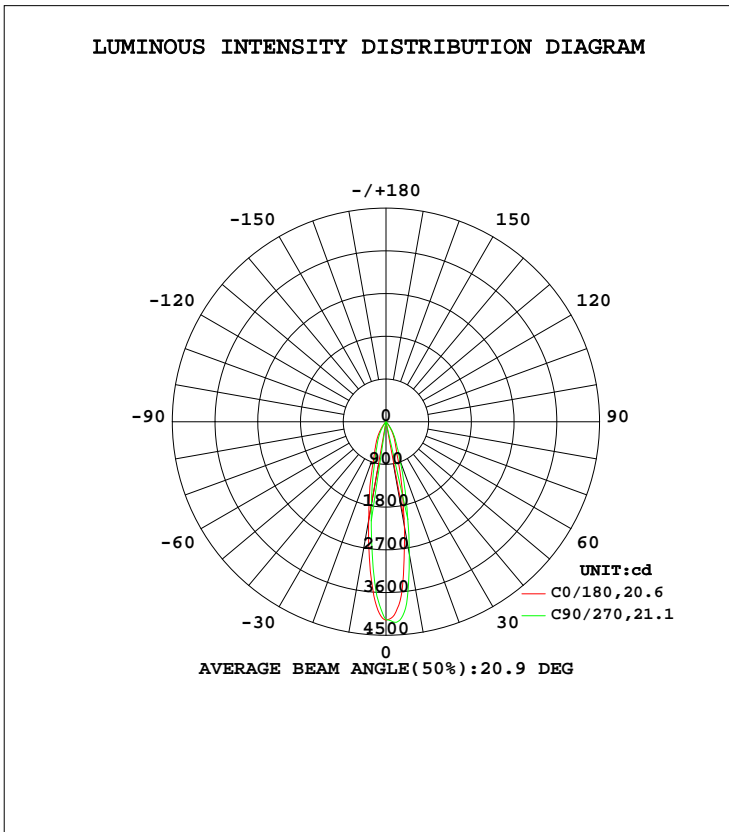
TM30



LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: PAR30L-11-927-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 93.08 lm/W
MODEL	P30	Imax(cd)	4257	S/MH(C0/180)	0.35	
NOMINAL POWER(W)	/	LOR(%)	100.0	S/MH(C90/270)	0.30	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1005.3	η UP, DN(C0-180)	0.0, 56.4	
NOMINAL FLUX(lm)	1005.25	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 43.6	
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	



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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

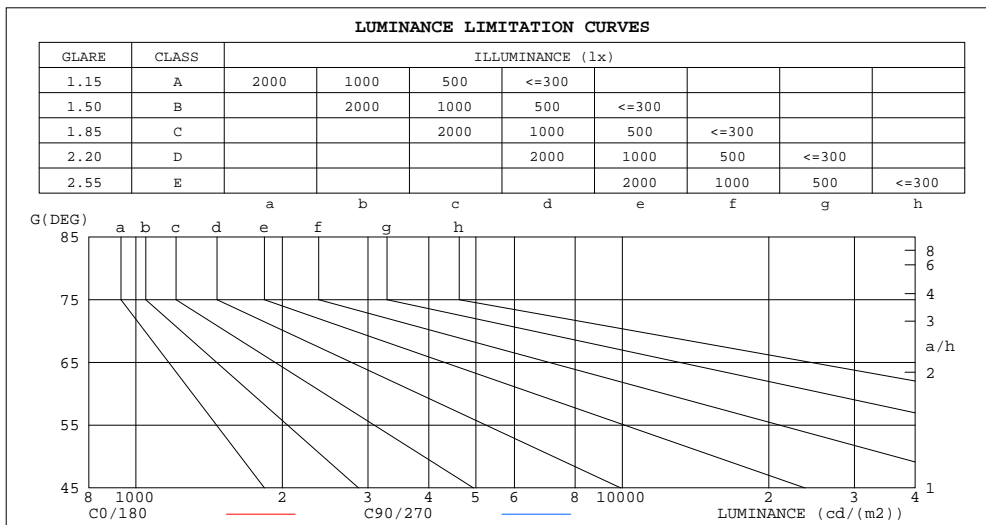
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	3683	4017	4099	3881	3425	3177	3106	3242	0- 5	92.45	92.45	9.2,9.2
10	2233	2633	2835	2583	2111	1887	1777	1871	5- 10	203.2	295.7	29.4,29.4
15	1209	1464	1607	1520	1244	1045	972.2	1002	10- 15	199.4	495.1	49.2,49.2
20	649.7	770.9	874.5	834.1	718.9	635.1	581.2	587.1	15- 20	153.8	648.9	64.5,64.5
25	437.6	487.1	527.2	538.8	493.8	423.6	379.7	403.9	20- 25	119.0	767.8	76.4,76.4
30	284.5	315.1	346.1	370.3	333.8	259.2	228.2	245.3	25- 30	95.19	863.0	85.8,85.8
35	140.3	170.7	197.0	212.0	176.9	115.9	97.76	107.5	30- 35	65.37	928.4	92.4,92.4
40	41.30	52.78	69.50	76.11	61.61	33.37	32.10	34.26	35- 40	31.59	960.0	95.5,95.5
45	19.43	19.50	24.29	27.01	19.00	16.24	21.17	21.20	40- 45	11.50	971.5	96.6,96.6
50	15.18	14.10	17.30	18.88	14.05	13.67	15.06	15.48	45- 50	7.150	978.6	97.3,97.3
55	13.30	13.62	15.01	14.53	12.61	11.27	11.66	11.81	50- 55	6.191	984.8	98,98
60	10.68	10.17	10.84	10.84	10.34	9.863	10.43	10.06	55- 60	5.221	990.0	98.5,98.5
65	9.340	9.011	9.650	9.678	9.339	9.271	10.03	9.278	60- 65	4.770	994.8	99,99
70	7.472	8.207	9.094	8.706	6.974	6.056	5.675	6.175	65- 70	4.386	999.2	99.4,99.4
75	4.616	5.246	5.589	4.684	3.855	3.398	3.269	3.597	70- 75	2.919	1002	99.7,99.7
80	2.634	3.036	2.976	2.734	2.260	1.895	1.793	2.062	75- 80	1.736	1004	99.9,99.9
85	1.199	1.550	1.530	1.315	0.9096	0.6150	0.5511	0.7556	80- 85	0.9330	1005	100,100
90	0.0538	0.3004	0.3397	0.1576	0.0022	0.0021	0.0021	0.0021	85- 90	0.2787	1005	100,100
95	0.0021	0.0020	0.0020	0.0020	0.0022	0.0022	0.0021	0.0022	90- 95	0.0100	1005	100,100
100	0.0020	0.0021	0.0020	0.0020	0.0024	0.0025	0.0025	0.0025	95-100	0.0012	1005	100,100
105	0.0022	0.0028	0.0021	0.0023	0.0028	0.0029	0.0029	0.0029	100-105	0.0013	1005	100,100
110	0.0027	0.0028	0.0025	0.0025	0.0028	0.0031	0.0030	0.0032	105-110	0.0014	1005	100,100
115	0.0030	0.0029	0.0034	0.0028	0.0028	0.0031	0.0030	0.0032	110-115	0.0015	1005	100,100
120	0.0035	0.0032	0.0037	0.0030	0.0028	0.0031	0.0032	0.0032	115-120	0.0015	1005	100,100
125	0.0035	0.0032	0.0037	0.0030	0.0029	0.0032	0.0034	0.0034	120-125	0.0015	1005	100,100
130	0.0036	0.0032	0.0034	0.0030	0.0035	0.0037	0.0041	0.0042	125-130	0.0015	1005	100,100
135	0.0065	0.0045	0.0042	0.0045	0.0064	0.0074	0.0088	0.0093	130-135	0.0018	1005	100,100
140	0.0190	0.0137	0.0121	0.0129	0.0161	0.0186	0.0214	0.0228	135-140	0.0040	1005	100,100
145	0.0419	0.0326	0.0288	0.0309	0.0341	0.0383	0.0426	0.0453	140-145	0.0087	1005	100,100
150	0.0738	0.0615	0.0553	0.0582	0.0590	0.0660	0.0730	0.0754	145-150	0.0147	1005	100,100
155	0.1198	0.1027	0.0942	0.0970	0.1028	0.1170	0.1325	0.1333	150-155	0.0217	1005	100,100
160	0.1950	0.1707	0.1583	0.1644	0.1874	0.2119	0.2399	0.2390	155-160	0.0313	1005	100,100
165	0.2823	0.2515	0.2376	0.2503	0.3049	0.3368	0.3737	0.3708	160-165	0.0406	1005	100,100
170	0.3291	0.3032	0.2950	0.3100	0.3650	0.3843	0.4095	0.4100	165-170	0.0396	1005	100,100
175	0.2746	0.2769	0.2776	0.2769	0.2646	0.2565	0.2495	0.2578	170-175	0.0232	1005	100,100
180	0	0	0	0	0.0006	0.0006	0.0005	0.0007	175-180	0.0044	1005	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
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:24.3%
 Test Distance:1.175m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: PAR30L-11-927-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	45	58
80	50	57
75	59	71
70	72	88
65	73	75
60	71	72
55	77	87
50	78	89
45	91	114

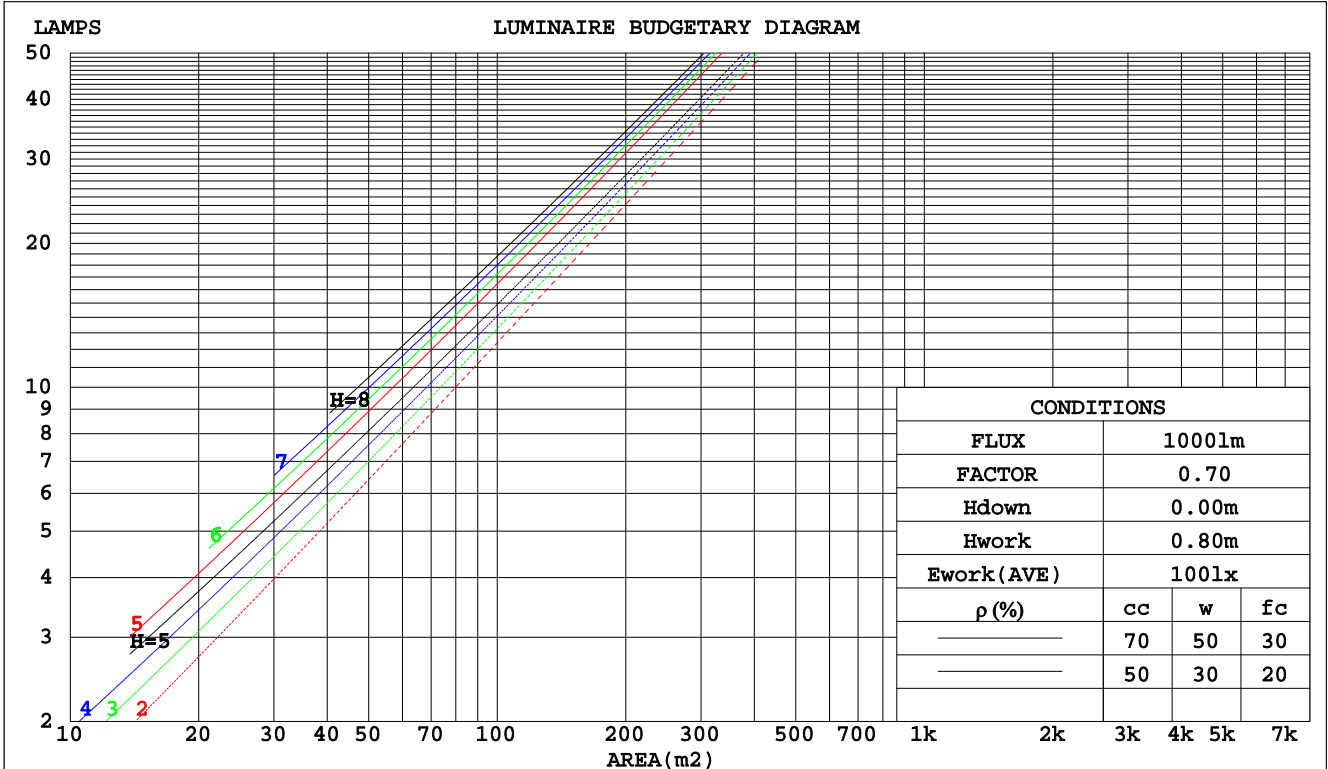
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
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γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: PAR30L-11-927-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc																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	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.91	.89	.92	.90	.88	.86
4.0	.95	.91	.87	.94	.90	.87	.92	.89	.86	.90	.87	.85	.89	.86	.84	.83
5.0	.91	.86	.83	.90	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.80	.79
6.0	.87	.82	.79	.87	.82	.79	.85	.81	.78	.84	.80	.78	.83	.80	.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	.72	.79	.75	.72	.78	.75	.72	.77	.74	.72	.70
9.0	.78	.73	.70	.77	.73	.70	.76	.72	.70	.76	.72	.69	.75	.72	.69	.68
10.0	.75	.70	.67	.75	.70	.67	.74	.70	.67	.73	.70	.67	.73	.69	.67	.66



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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: PAR30L-11-927-25D-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	.155	.088	.028	.149	.085	.027	.136	.078	.025	.125	.072	.023	.114	.066	.021	
2.0	.145	.080	.024	.140	.077	.024	.129	.072	.022	.120	.067	.021	.111	.063	.020	
3.0	.136	.072	.022	.132	.070	.021	.123	.067	.020	.115	.063	.019	.107	.059	.018	
4.0	.128	.067	.020	.124	.065	.019	.117	.062	.018	.110	.059	.018	.103	.056	.017	
5.0	.121	.062	.018	.117	.060	.018	.111	.058	.017	.105	.055	.016	.100	.053	.016	
6.0	.114	.057	.016	.111	.056	.016	.106	.054	.016	.101	.052	.015	.096	.050	.015	
7.0	.109	.054	.015	.106	.053	.015	.101	.051	.015	.097	.050	.014	.092	.048	.014	
8.0	.104	.051	.014	.101	.050	.014	.097	.048	.014	.093	.047	.014	.089	.046	.013	
9.0	.099	.048	.013	.097	.047	.013	.093	.046	.013	.090	.045	.013	.086	.044	.013	
10.0	.095	.045	.013	.093	.045	.013	.089	.044	.012	.086	.043	.012	.083	.042	.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	.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	.127	.098	.077	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.064	.101	.075	.055	.069	.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	.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
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
 Test Date: 2020-05-23

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

UGR(Unified Glare Rating) Table

NAME: PAR30L-11-927-25D-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	-0.3	0.5	-0.1	0.6	0.8	0.7	1.5	0.9	1.6	1.8				
3H	0.1	0.9	0.4	1.0	1.2	1.1	1.8	1.3	2.0	2.2				
4H	0.3	1.0	0.6	1.2	1.4	1.2	1.9	1.5	2.1	2.3				
6H	0.4	1.1	0.7	1.3	1.5	1.3	2.0	1.6	2.2	2.4				
8H	0.5	1.1	0.8	1.3	1.6	1.4	2.0	1.7	2.2	2.5				
12H	0.5	1.1	0.8	1.3	1.6	1.4	2.0	1.7	2.2	2.5				
4H 2H	-0.3	0.4	-0.0	0.6	0.8	0.7	1.3	0.9	1.5	1.8				
3H	0.4	1.0	0.7	1.2	1.5	1.2	1.8	1.5	2.1	2.3				
4H	0.7	1.2	1.0	1.5	1.8	1.4	2.0	1.8	2.3	2.6				
6H	0.8	1.3	1.2	1.7	2.0	1.6	2.1	2.0	2.4	2.8				
8H	0.9	1.4	1.3	1.7	2.1	1.7	2.1	2.1	2.5	2.8				
12H	0.9	1.4	1.4	1.7	2.1	1.7	2.1	2.1	2.5	2.9				
8H 4H	0.7	1.2	1.1	1.5	1.9	1.5	1.9	1.9	2.3	2.6				
6H	1.0	1.4	1.4	1.8	2.2	1.7	2.1	2.1	2.5	2.9				
8H	1.1	1.4	1.6	1.9	2.3	1.8	2.1	2.3	2.6	3.0				
12H	1.2	1.5	1.7	1.9	2.4	1.9	2.2	2.4	2.6	3.1				
12H 4H	0.7	1.1	1.1	1.5	1.9	1.4	1.8	1.8	2.2	2.6				
6H	1.0	1.3	1.5	1.7	2.2	1.7	2.0	2.1	2.4	2.9				
8H	1.2	1.4	1.6	1.9	2.3	1.8	2.1	2.3	2.6	3.0				
Variations with the observer position at spacings:														
S = 1.0H	+ 1.4 / - 1.1					+ 2.4 / - 1.7								
1.5H	+ 3.0 / - 1.1					+ 4.4 / - 1.8								
2.0H	+ 0.2 / - 0.2					+ 0.7 / - 0.3								

CIE Pub.117, 1005 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.0)

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

γ Range: 0 - 180DEG
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 Remarks:

UTILIZATION FACTORS TABLE

NAME: PAR30L-11-927-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

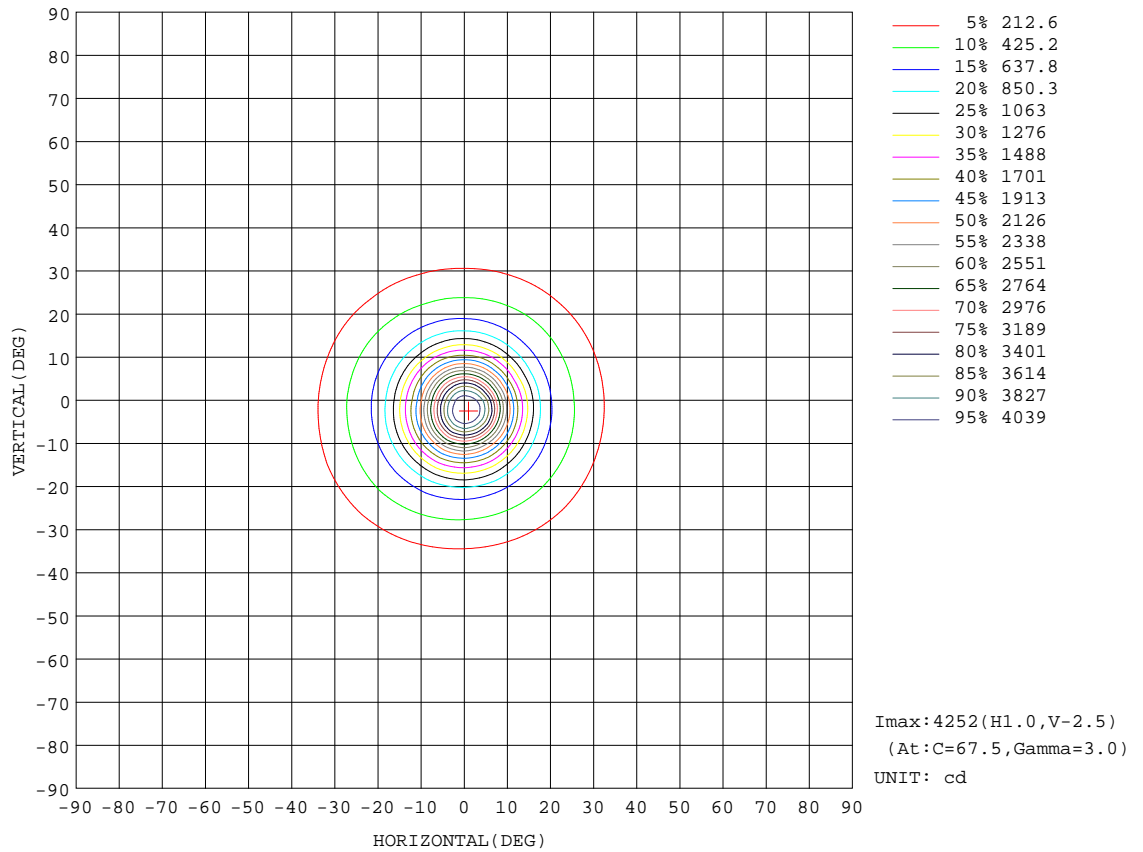
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	89	83	79	88	83	79	88	82	79	75
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	106	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	107	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				SHRNOM = 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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: PAR30L-11-927-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

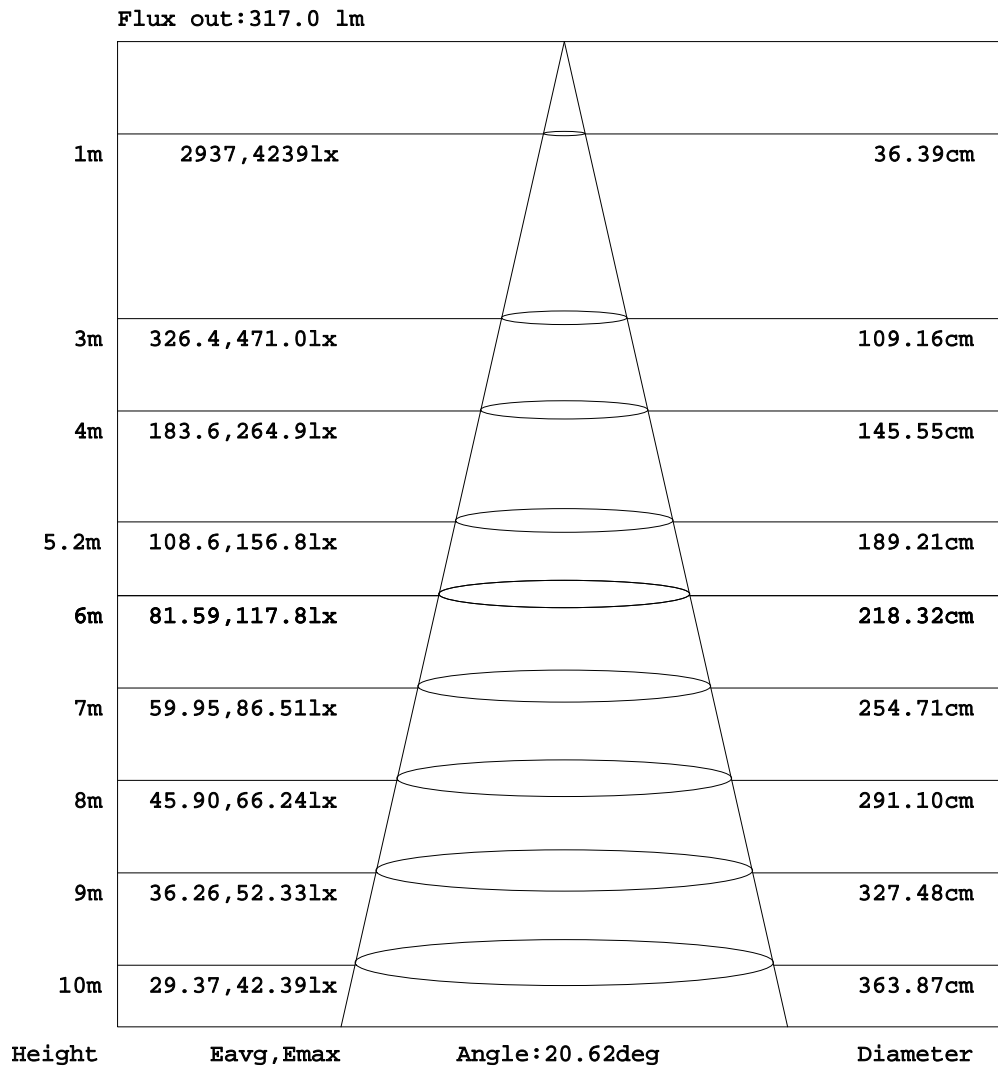


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
 Test Date: 2020-05-23

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

AAI Figure

NAME: PAR30L-11-927-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



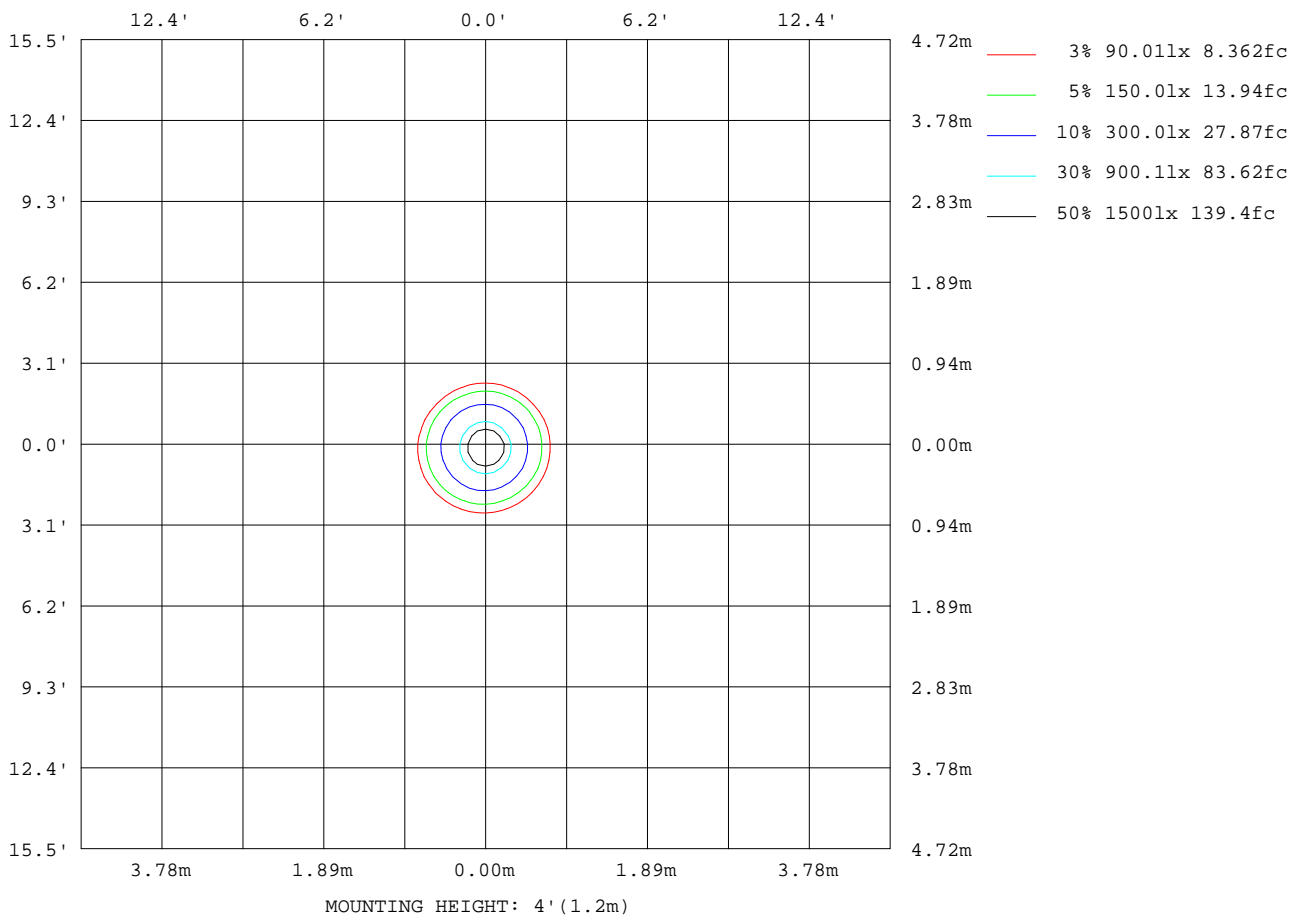
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: PAR30L-11-927-25D-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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

LED Avg.L Report

NAME: PAR30L-11-927-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

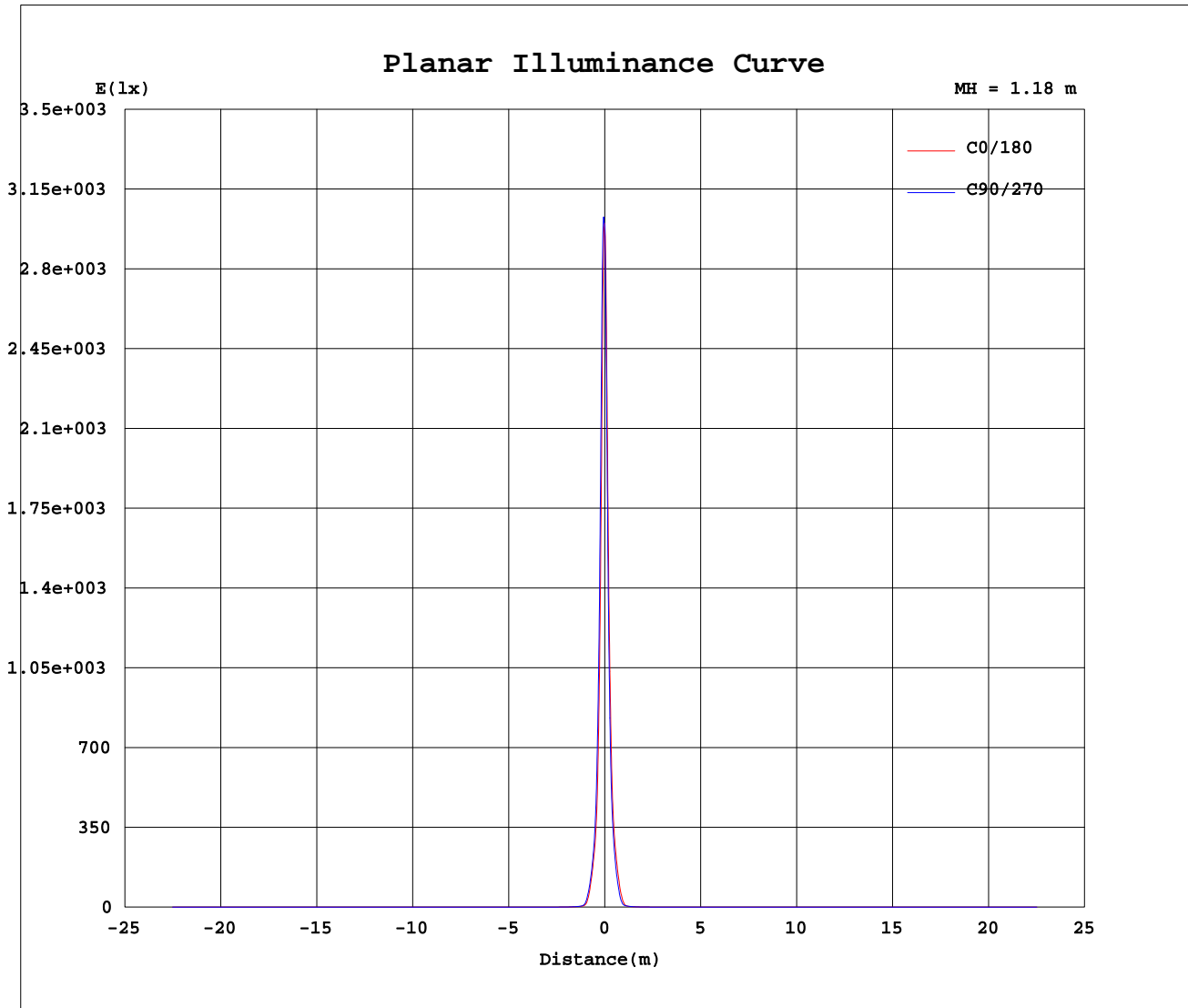
AvgL	cd/m2
L_0~180(65)av	73
L_0~180(75)av	54
L_0~180(85)av	40
L_90~270(65)av	77
L_90~270(75)av	57
L_90~270(85)av	39
L_45(65)av	73
L_45(75)av	54
L_45(85)av	40

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 GO-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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.175m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: PAR30L-11-927-25D-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	4178	4175	4173	4169	4167	4166	4164	4164	4178	4175	4173	4169	4167	4166	4164	4164			
5	3683	3868	4017	4086	4099	4046	3881	3631	3425	3282	3177	3109	3106	3153	3242	3415			
10	2233	2447	2633	2768	2835	2783	2583	2340	2111	1978	1887	1810	1777	1811	1871	2008			
15	1209	1327	1464	1573	1607	1609	1520	1380	1244	1132	1045	995	972	972	1002	1074			
20	650	700	771	844	874	877	834	774	719	676	635	598	581	581	587	611			
25	438	467	487	511	527	547	539	515	494	462	424	391	380	390	404	419			
30	285	303	315	330	346	366	370	358	334	297	259	236	228	234	245	262			
35	140	153	171	186	197	209	212	205	177	143	116	103	97.8	99.2	108	123			
40	41.3	45.2	52.8	64.2	69.5	74.3	76.1	72.9	61.6	41.1	33.4	31.3	32.1	32.6	34.3	37.0			
45	19.4	17.9	19.5	21.9	24.3	26.8	27.0	24.0	19.0	16.1	16.2	18.1	21.2	20.8	21.2	21.0			
50	15.2	14.0	14.1	14.7	17.3	19.3	18.9	15.9	14.1	13.3	13.7	14.7	15.1	15.0	15.5	15.9			
55	13.3	13.6	13.6	13.6	15.0	15.3	14.5	13.8	12.6	11.2	11.3	12.0	11.7	11.6	11.8	12.2			
60	10.7	10.4	10.2	10.1	10.8	11.2	10.8	10.4	10.3	9.72	9.86	10.4	10.4	10.3	10.1	10.1			
65	9.34	9.16	9.01	9.04	9.65	10.0	9.68	9.18	9.34	9.08	9.27	9.58	10.0	9.76	9.28	9.08			
70	7.47	7.92	8.21	8.53	9.09	9.46	8.71	7.67	6.97	6.48	6.06	5.71	5.68	5.83	6.17	6.69			
75	4.62	5.06	5.25	5.69	5.59	5.20	4.68	4.38	3.86	3.63	3.40	3.27	3.27	3.40	3.60	3.89			
80	2.63	2.94	3.04	2.99	2.98	2.93	2.73	2.48	2.26	2.08	1.90	1.80	1.79	1.89	2.06	2.30			
85	1.20	1.43	1.55	1.55	1.53	1.47	1.32	1.10	0.91	0.75	0.62	0.55	0.55	0.62	0.76	0.95			
90	0.05	0.19	0.30	0.34	0.34	0.28	0.16	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
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	0.00	0.00	0.00	0.00	0.00			
135	0.01	0.01	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	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
145	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.04			
150	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.07			
155	0.12	0.11	0.10	0.10	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.13	0.13			
160	0.20	0.18	0.17	0.16	0.16	0.16	0.16	0.17	0.19	0.19	0.21	0.23	0.24	0.24	0.24	0.23			
165	0.28	0.27	0.25	0.24	0.24	0.24	0.25	0.26	0.30	0.31	0.34	0.36	0.37	0.38	0.37	0.35			
170	0.33	0.32	0.30	0.30	0.30	0.30	0.31	0.32	0.36	0.37	0.38	0.40	0.41	0.41	0.41	0.40			
175	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.26	0.27	0.26	0.25	0.25	0.26	0.26	0.26			
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
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