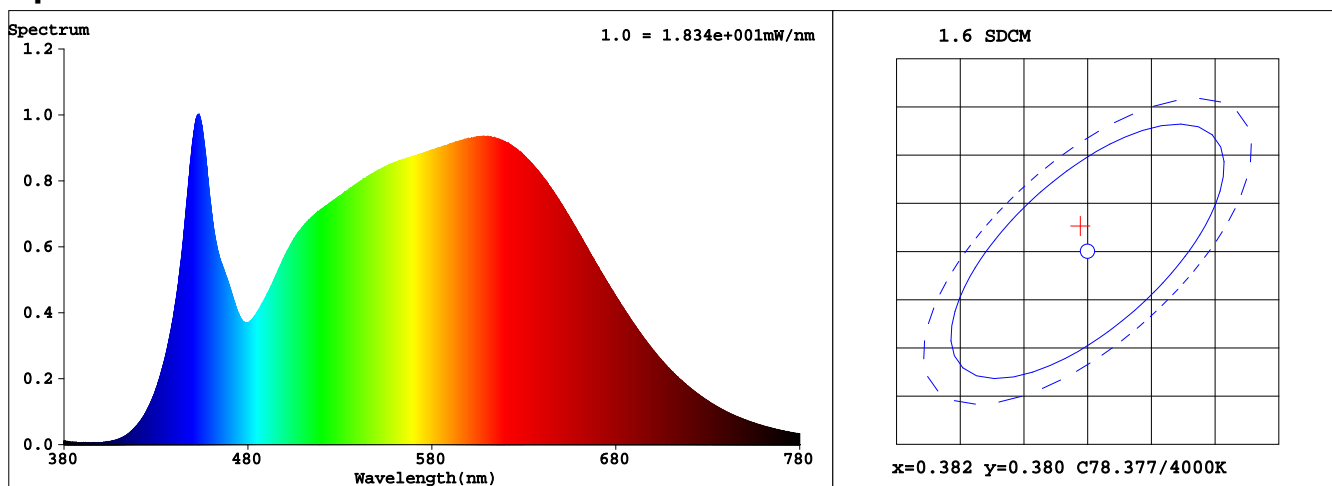


Sample	: PAR30L-11-940-35D-DIM	Date	: 2020-04-21 10:43:41
Specification	:	Sam. Status	:
Sample No.	:	Standard	: LM-79-80
Manufacturer	: RAB Lighting Inc.	Instrument	: HaasSuite(EVERFINE)
Assessor	: cuiquan	Test by	:
Remark	:		
Device SN	:		

Test Condition

Temperature	: 25.6Deg	RH	: 30.1%
WL Range	: 380nm-780nm	IP	: 49221 (75%)
Test Mode	: Fast Test	T	: 204 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3812$ $y = 0.3822$ / $u' = 0.2234$ $v' = 0.5041$ ($duv=2.32e-03$)
 CCT= 4019K Prcp WL: Ld=577.8nm Purity=29.1%
 Peak WL: Lp=453nm FWHM: =26.4nm Ratio:R=19.2% G=76.7% B=4.1%
 Render Index: Ra = 91.1 TM30:Rf=91 Rg=98

EEL: 0.12972 A+

R1 =91 R2 =94 R3 =96 R4 =91 R5 =90 R6 =91 R7 =94
 R8 =83 R9 =56 R10=85 R11=90 R12=71 R13=91 R14=98 R15=87
 LEVEL:OUT WHITE:ANSI_4000K

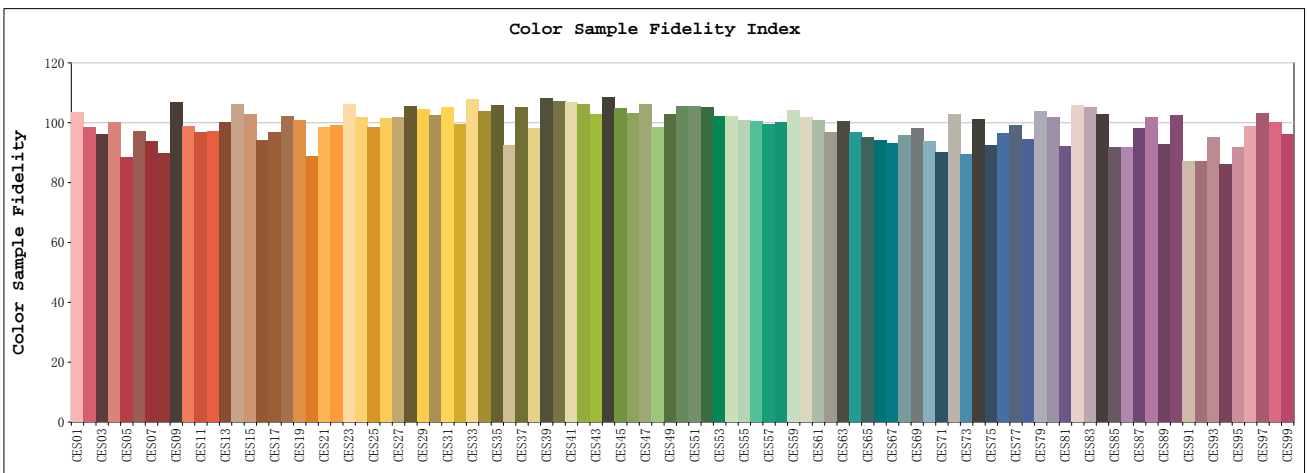
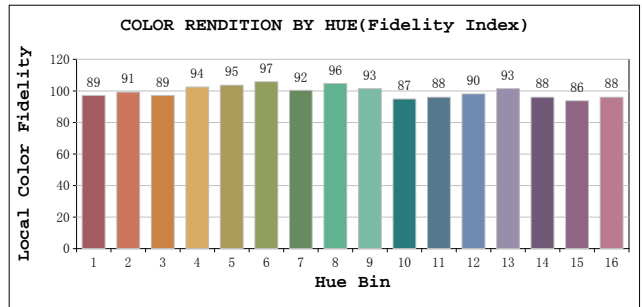
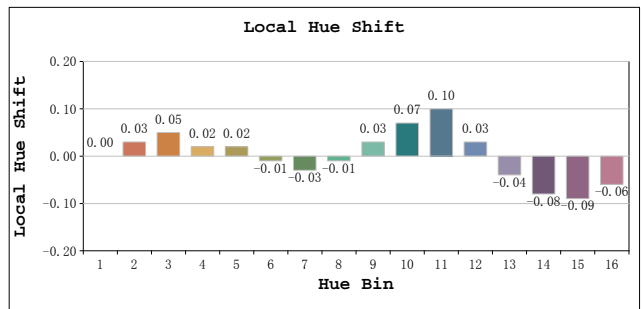
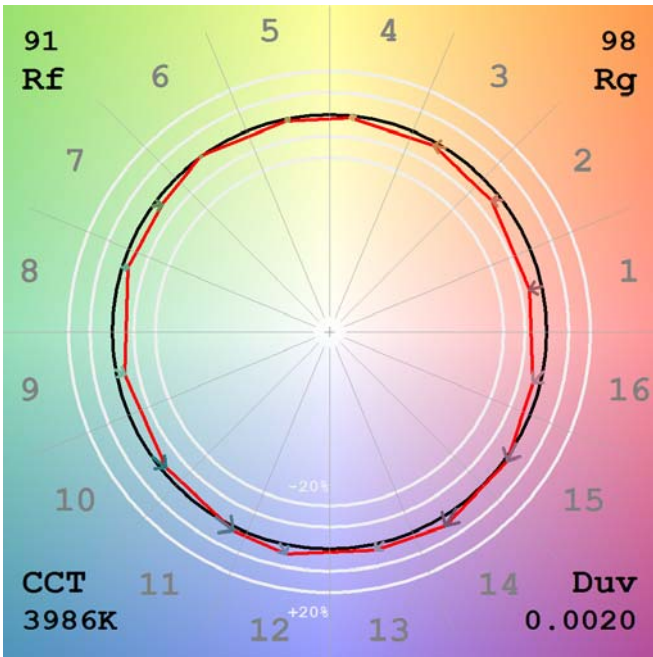
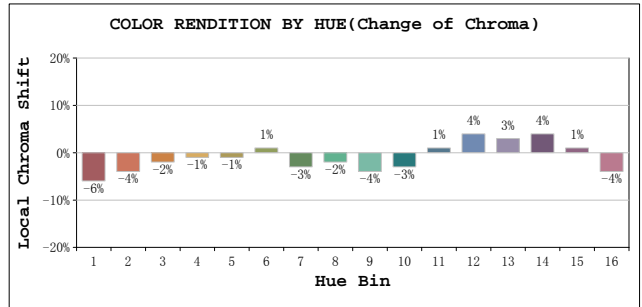
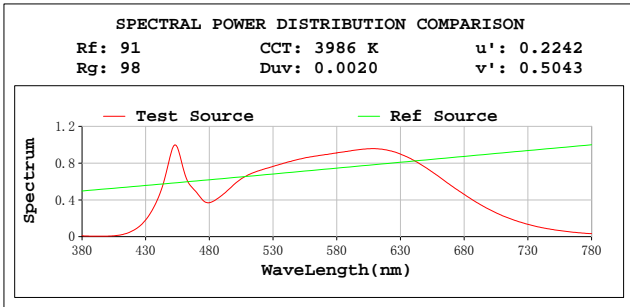
Photometric & Radiometric Parameters

Flux = 1078.0 lm Eff. : 101.69 lm/W Fe = 3.6239 W
 Flux of emitted photons($\mu\text{mol/s}$):17.373 Fluo. and blue light ratio:5.729 Fluorescent eff.:280.4

Electrical parameters

V = 120.02 V I = 0.09170 A P = 10.60 W PF = 0.9631

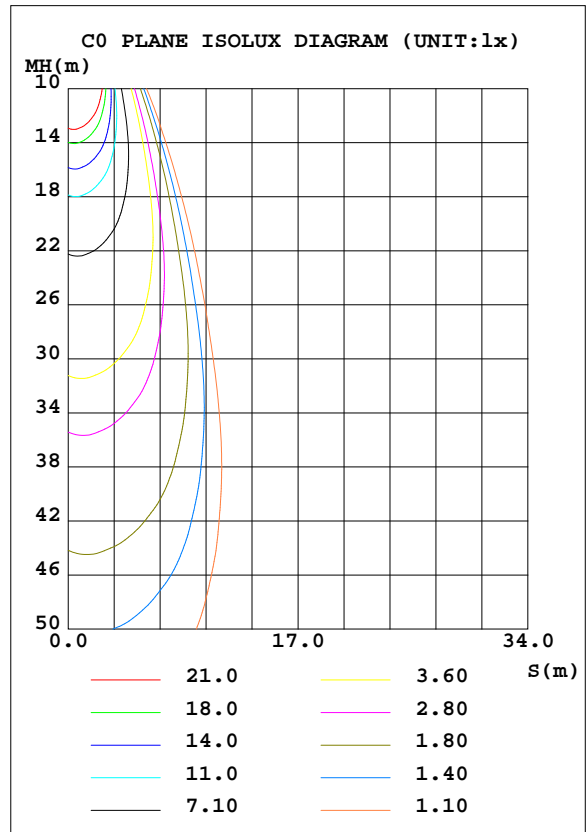
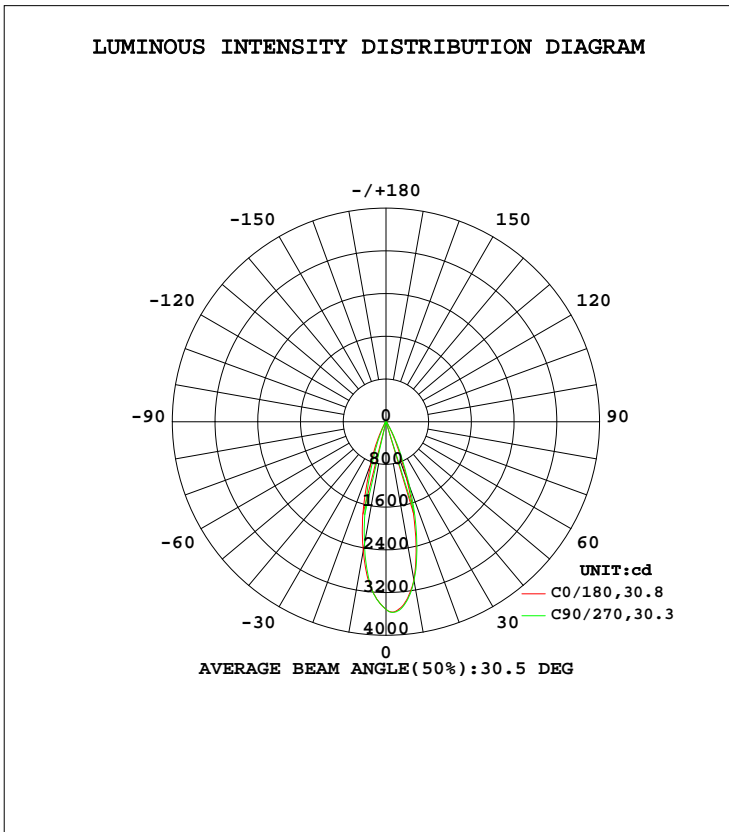
TM30



LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: PAR30L-11-940-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.58 lm/W			
MODEL	PAR30	Imax(cd)	3636	S/MH(C0/180)	0.47
NOMINAL POWER(W)	11	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1127.7	η UP, DN(C0-180)	0.0, 57.5
NOMINAL FLUX(lm)	1127.66	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 42.5
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:

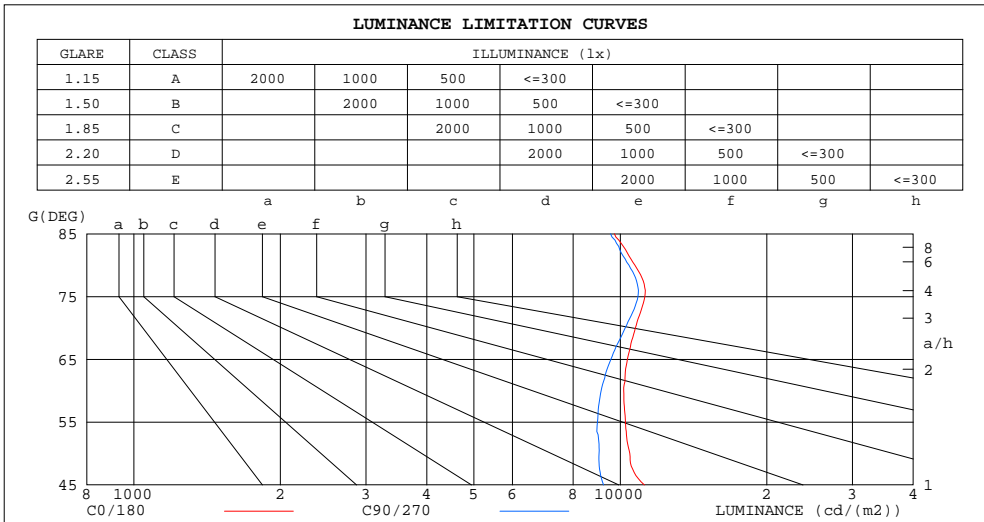
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	3471	3565	3493	3303	3139	3087	3136	3272	0- 5	81.60	81.60	7.24,7.24
10	3006	3186	3022	2699	2457	2336	2328	2624	5- 10	214.7	296.3	26.3,26.3
15	2126	2414	2214	1863	1615	1430	1388	1685	10- 15	268.3	564.7	50.1,50.1
20	1125	1455	1288	1003	815.7	727.5	640.8	788.0	15- 20	226.4	791.0	70.1,70.1
25	477.6	660.2	602.7	481.8	374.9	306.0	245.5	307.1	20- 25	140.3	931.4	82.6,82.6
30	173.2	249.6	235.2	195.4	134.7	89.90	76.23	95.19	25- 30	68.89	1000	88.7,88.7
35	69.56	74.51	68.12	68.59	61.15	43.27	40.33	48.71	30- 35	28.01	1028	91.2,91.2
40	51.25	43.32	38.31	45.01	36.33	35.30	35.00	38.72	35- 40	15.87	1044	92.6,92.6
45	39.29	34.58	32.40	36.42	28.39	30.79	31.01	30.93	40- 45	13.37	1058	93.8,93.8
50	33.35	29.61	28.83	31.93	24.89	27.08	27.22	27.01	45- 50	12.34	1070	94.9,94.9
55	29.14	26.09	25.53	27.81	21.66	24.02	24.04	23.63	50- 55	11.68	1082	95.9,95.9
60	25.21	22.90	22.65	24.29	19.07	21.16	21.13	20.60	55- 60	10.90	1092	96.9,96.9
65	21.68	20.22	20.04	20.65	16.84	18.00	18.16	17.96	60- 65	10.04	1102	97.8,97.8
70	18.22	17.59	17.35	16.92	14.00	14.41	14.85	15.35	65- 70	8.959	1111	98.6,98.6
75	14.41	14.44	13.95	12.50	9.524	9.292	10.20	11.77	70- 75	7.402	1119	99.2,99.2
80	9.226	9.787	8.973	7.120	4.793	4.368	5.262	6.848	75- 80	5.110	1124	99.7,99.7
85	4.203	4.921	4.127	2.785	1.488	1.063	1.596	2.751	80- 85	2.630	1127	99.9,99.9
90	0.9140	1.363	0.8989	0.0272	0.0029	0.0028	0.0028	0.0318	85- 90	0.7966	1127	100,100
95	0.0028	0.0029	0.0029	0.0031	0.0032	0.0033	0.0031	0.0028	90- 95	0.0454	1127	100,100
100	0.0029	0.0030	0.0030	0.0032	0.0039	0.0040	0.0038	0.0032	95-100	0.0017	1127	100,100
105	0.0039	0.0040	0.0040	0.0042	0.0045	0.0043	0.0044	0.0042	100-105	0.0020	1127	100,100
110	0.0045	0.0053	0.0054	0.0054	0.0044	0.0044	0.0043	0.0043	105-110	0.0023	1127	100,100
115	0.0054	0.0057	0.0056	0.0054	0.0044	0.0044	0.0043	0.0043	110-115	0.0025	1127	100,100
120	0.0055	0.0057	0.0056	0.0055	0.0044	0.0044	0.0042	0.0043	115-120	0.0024	1127	100,100
125	0.0051	0.0052	0.0054	0.0053	0.0046	0.0044	0.0044	0.0044	120-125	0.0023	1127	100,100
130	0.0046	0.0048	0.0047	0.0048	0.0051	0.0050	0.0048	0.0049	125-130	0.0021	1127	100,100
135	0.0050	0.0052	0.0048	0.0055	0.0076	0.0073	0.0068	0.0070	130-135	0.0022	1127	100,100
140	0.0095	0.0078	0.0073	0.0085	0.0121	0.0132	0.0123	0.0120	135-140	0.0029	1127	100,100
145	0.0224	0.0171	0.0153	0.0184	0.0253	0.0323	0.0307	0.0271	140-145	0.0053	1127	100,100
150	0.0554	0.0457	0.0395	0.0482	0.0620	0.0799	0.0761	0.0634	145-150	0.0112	1127	100,100
155	0.1256	0.1079	0.0990	0.1219	0.1501	0.1796	0.1757	0.1445	150-155	0.0235	1127	100,100
160	0.2336	0.2098	0.2048	0.2435	0.2929	0.3244	0.3228	0.2786	155-160	0.0412	1128	100,100
165	0.3276	0.3096	0.3130	0.3561	0.4142	0.4323	0.4307	0.3992	160-165	0.0530	1128	100,100
170	0.3396	0.3364	0.3459	0.3669	0.3942	0.3908	0.3714	0.3700	165-170	0.0454	1128	100,100
175	0.2586	0.2605	0.2605	0.2583	0.2371	0.2286	0.2100	0.2197	170-175	0.0224	1128	100,100
180	0	0	0	0	0.0002	0.0005	0.0006	0.0006	175-180	0.0040	1128	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-11-940-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9723	9548
80	10712	10418
75	11228	10868
70	10740	10228
65	10341	9561
60	10164	9131
55	10244	8974
50	10461	9041
45	11201	9238

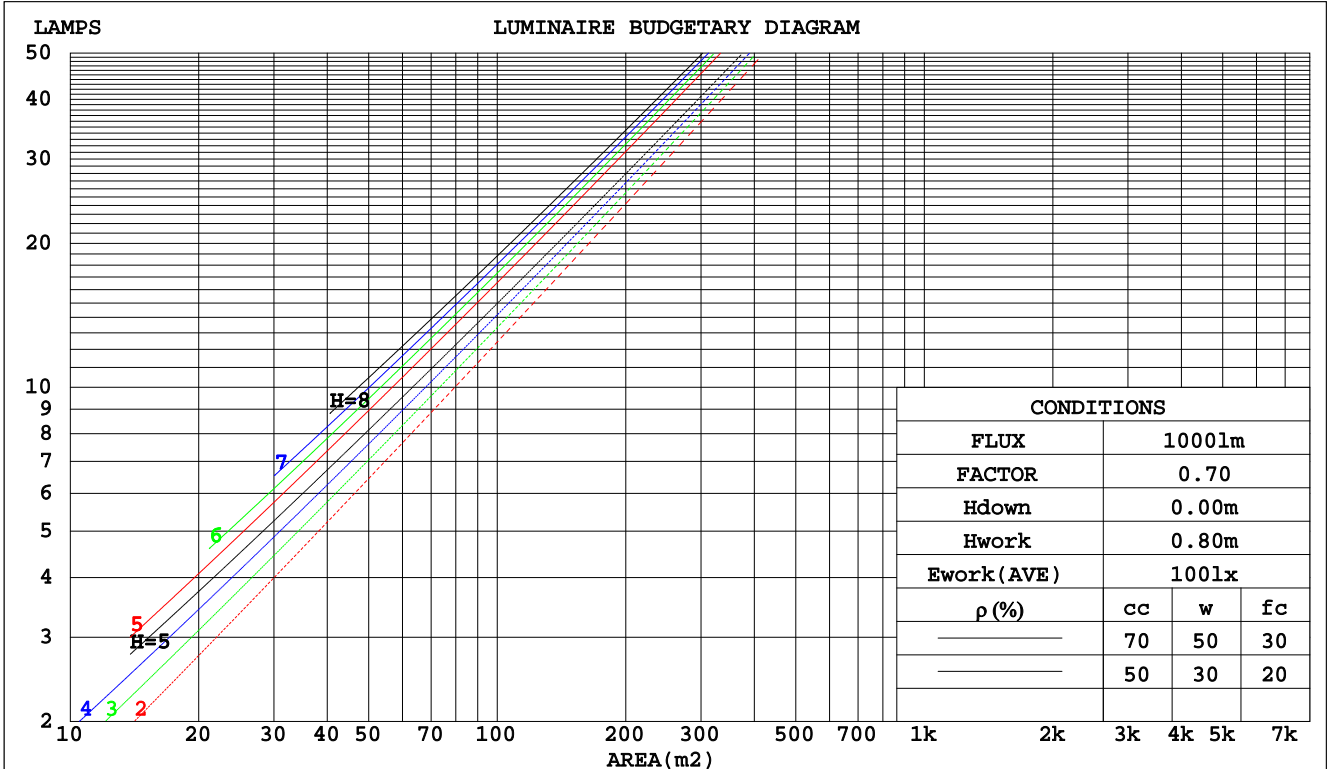
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
 Test Date: 2020-04-22

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: PAR30L-11-940-35D-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																
pfc																
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	1.03	1.00	.98	1.00	.98	.95	.97	.95	.93	.95	.93	.91	.90
3.0	.90	.95	.92	.98	.94	.91	.96	.93	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.90	.86	.92	.88	.85	.90	.87	.84	.88	.85	.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	.78	.85	.81	.78	.84	.80	.77	.82	.79	.77	.76
7.0	.84	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
8.0	.81	.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	.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: 2020-04-22

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-11-940-35D-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	.162	.092	.029	.155	.089	.028	.143	.082	.026	.131	.076	.024	.121	.070	.023	
2.0	.150	.082	.025	.145	.080	.025	.134	.075	.023	.125	.070	.022	.116	.065	.021	
3.0	.140	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.111	.061	.019	
4.0	.130	.068	.020	.126	.066	.020	.119	.063	.019	.112	.060	.018	.106	.057	.017	
5.0	.122	.062	.018	.119	.061	.018	.113	.059	.017	.107	.056	.017	.101	.054	.016	
6.0	.115	.058	.017	.112	.057	.016	.107	.055	.016	.102	.053	.016	.097	.051	.015	
7.0	.109	.054	.015	.107	.053	.015	.102	.051	.015	.097	.050	.015	.093	.048	.014	
8.0	.104	.051	.014	.102	.050	.014	.097	.049	.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	.012	.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	.146	.146	.135	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.115	.132	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.140	.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	.053	.094	.066	.047	.065	.047	.033	.038	.027	.020	.012	.009	.006	
7.0	.102	.069	.046	.088	.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: 2020-04-22

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-11-940-35D-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	14.4	15.2	14.6	15.3	15.5	13.6	14.4	13.8	14.5	14.7				
3H	16.2	16.9	16.5	17.1	17.3	15.5	16.2	15.8	16.4	16.6				
4H	17.1	17.8	17.4	18.0	18.2	16.5	17.2	16.8	17.4	17.6				
6H	17.8	18.5	18.1	18.7	18.9	17.3	17.9	17.6	18.2	18.4				
8H	18.1	18.7	18.4	18.9	19.2	17.6	18.2	17.9	18.4	18.7				
12H	18.2	18.8	18.5	19.1	19.3	17.7	18.3	18.0	18.6	18.9				
4H 2H	15.0	15.7	15.3	15.9	16.1	14.4	15.1	14.6	15.3	15.5				
3H	17.1	17.7	17.4	18.0	18.2	16.5	17.1	16.8	17.4	17.7				
4H	18.2	18.7	18.5	19.0	19.3	17.7	18.2	18.0	18.5	18.8				
6H	19.0	19.5	19.4	19.8	20.2	18.6	19.1	18.9	19.4	19.7				
8H	19.3	19.8	19.7	20.1	20.5	18.9	19.4	19.3	19.7	20.1				
12H	19.5	19.9	19.9	20.3	20.7	19.1	19.5	19.5	19.9	20.3				
8H 4H	18.5	19.0	18.9	19.3	19.7	18.1	18.6	18.5	18.9	19.3				
6H	19.6	20.0	20.0	20.3	20.8	19.2	19.6	19.6	20.0	20.4				
8H	20.0	20.3	20.4	20.7	21.2	19.6	20.0	20.1	20.4	20.8				
12H	20.3	20.6	20.7	21.0	21.5	19.9	20.2	20.4	20.7	21.1				
12H 4H	18.6	19.0	19.0	19.4	19.7	18.2	18.6	18.6	19.0	19.3				
6H	19.7	20.0	20.1	20.4	20.9	19.3	19.7	19.8	20.1	20.5				
8H	20.1	20.4	20.6	20.8	21.3	19.8	20.1	20.3	20.5	21.0				
Variations with the observer position at spacings:														
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1								
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.1								
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2								

CIE Pub.117, 1128 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.4)

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-11-940-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

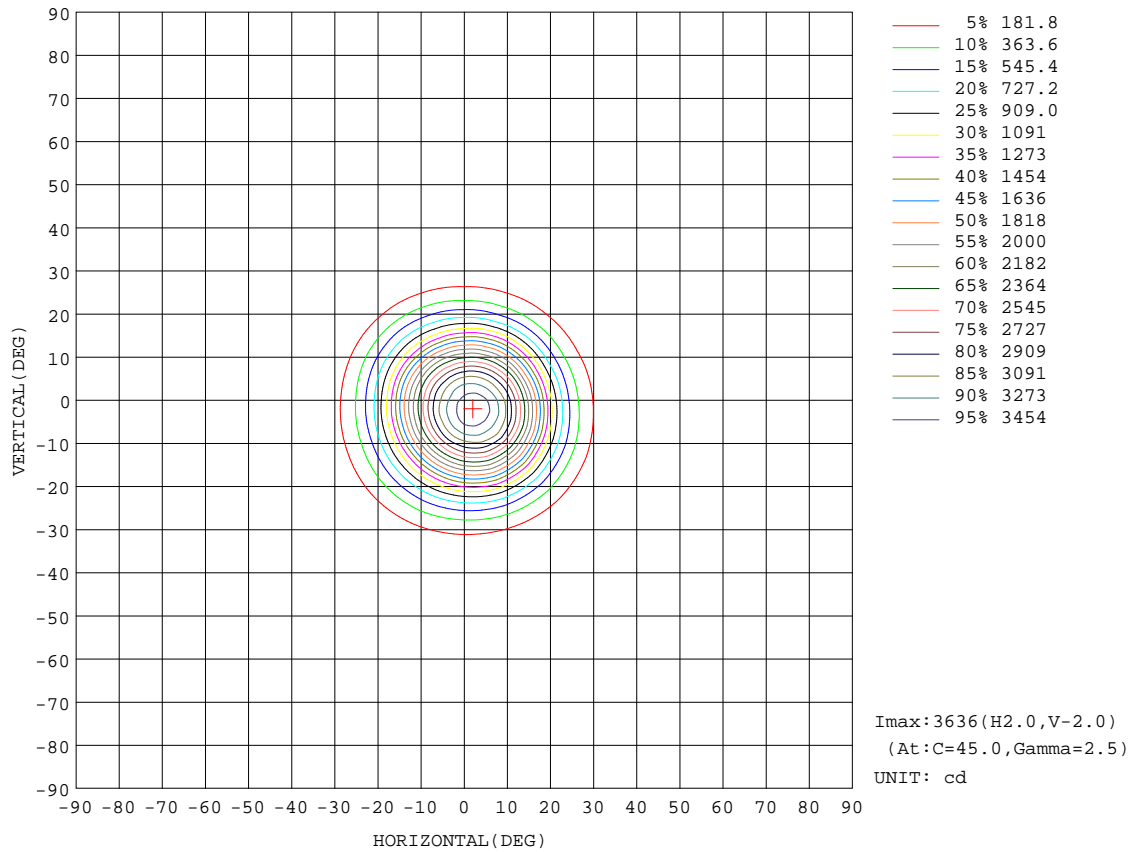
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	87	81	77	87	81	77	86	80	77	73
0.80	94	88	85	94	88	84	92	87	84	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	102	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	96	102	98	95	91
2.00	108	104	100	106	103	99	104	101	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	111	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

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:

ISOCANDELA DIAGRAM

NAME: PAR30L-11-940-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

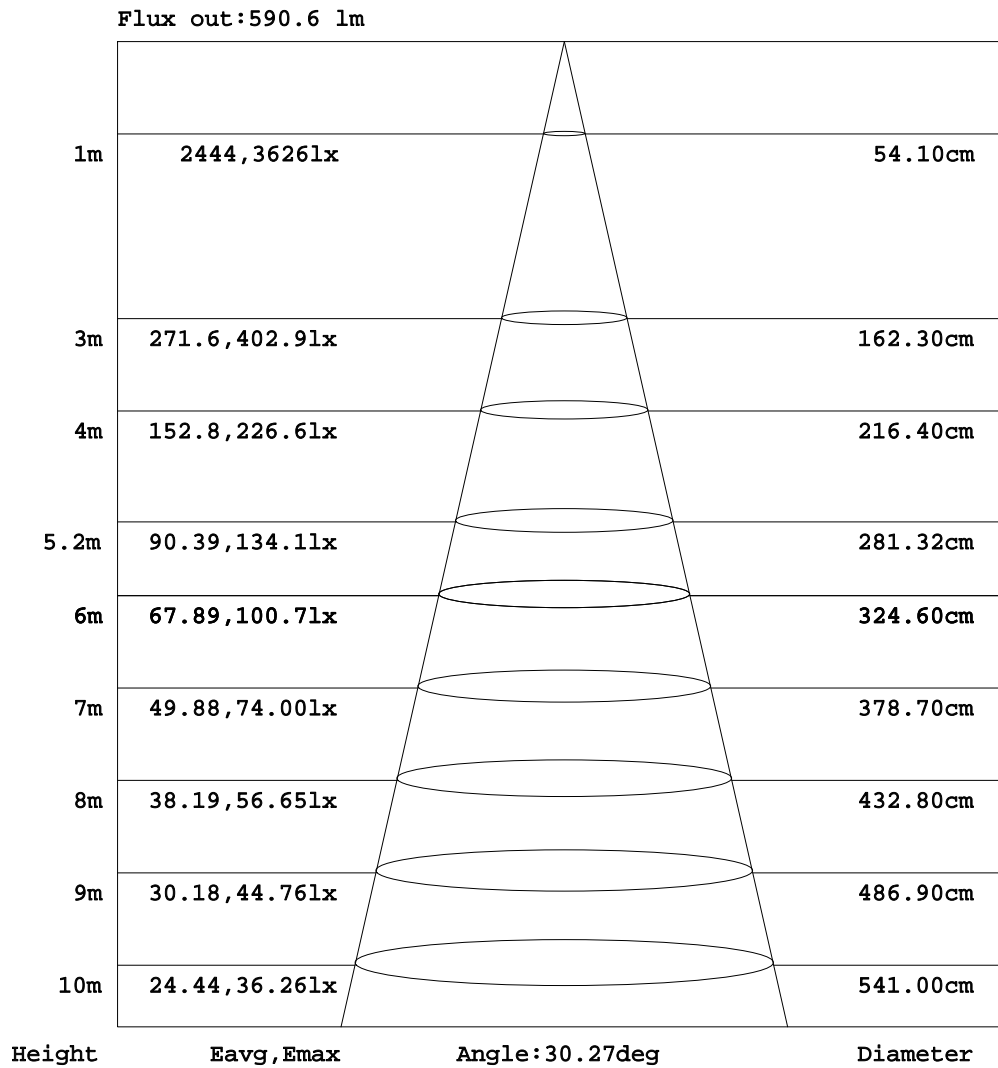


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:
 Test Date: 2020-04-22

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:

AAI Figure

NAME: PAR30L-11-940-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



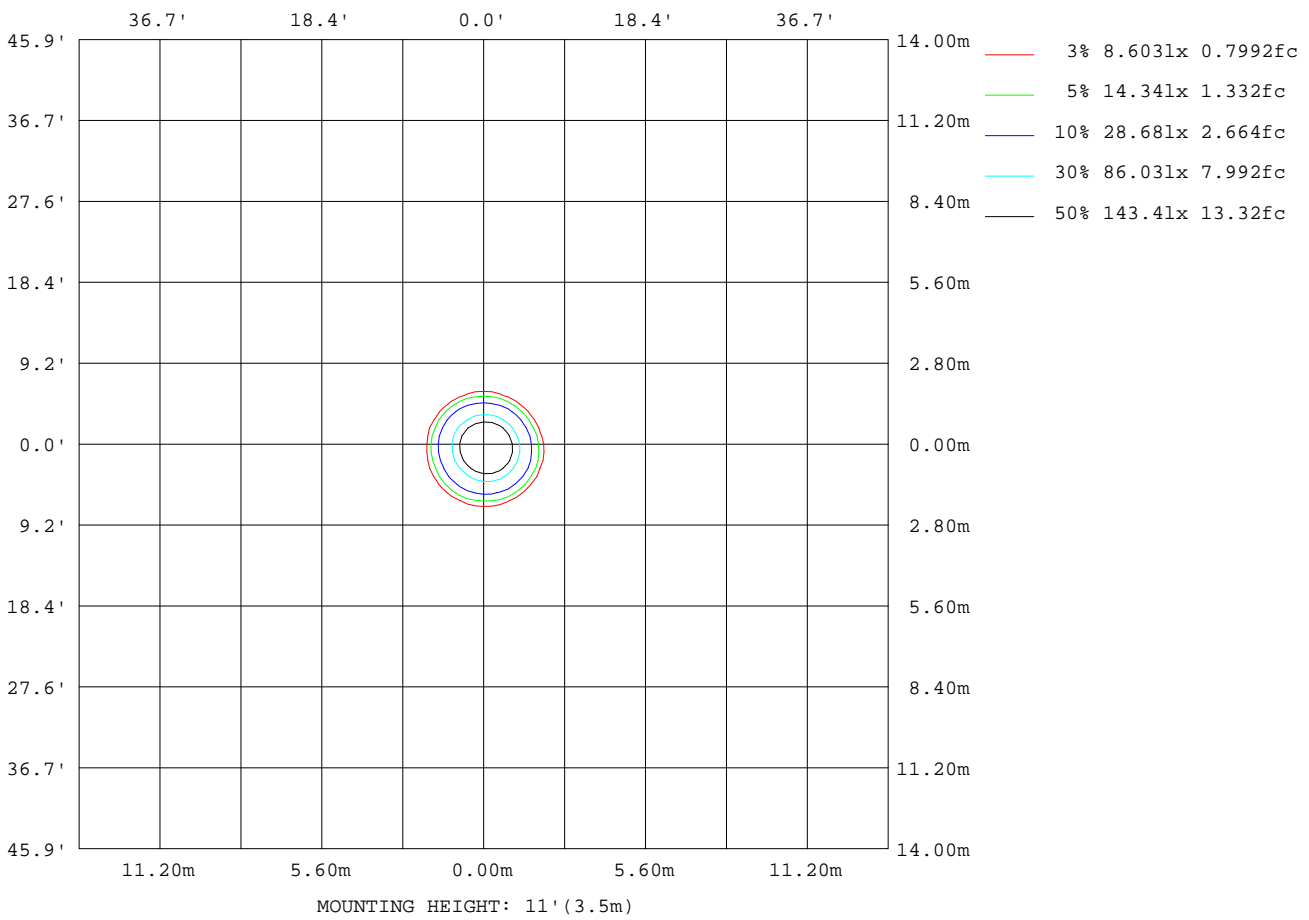
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-11-940-35D-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-11-940-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

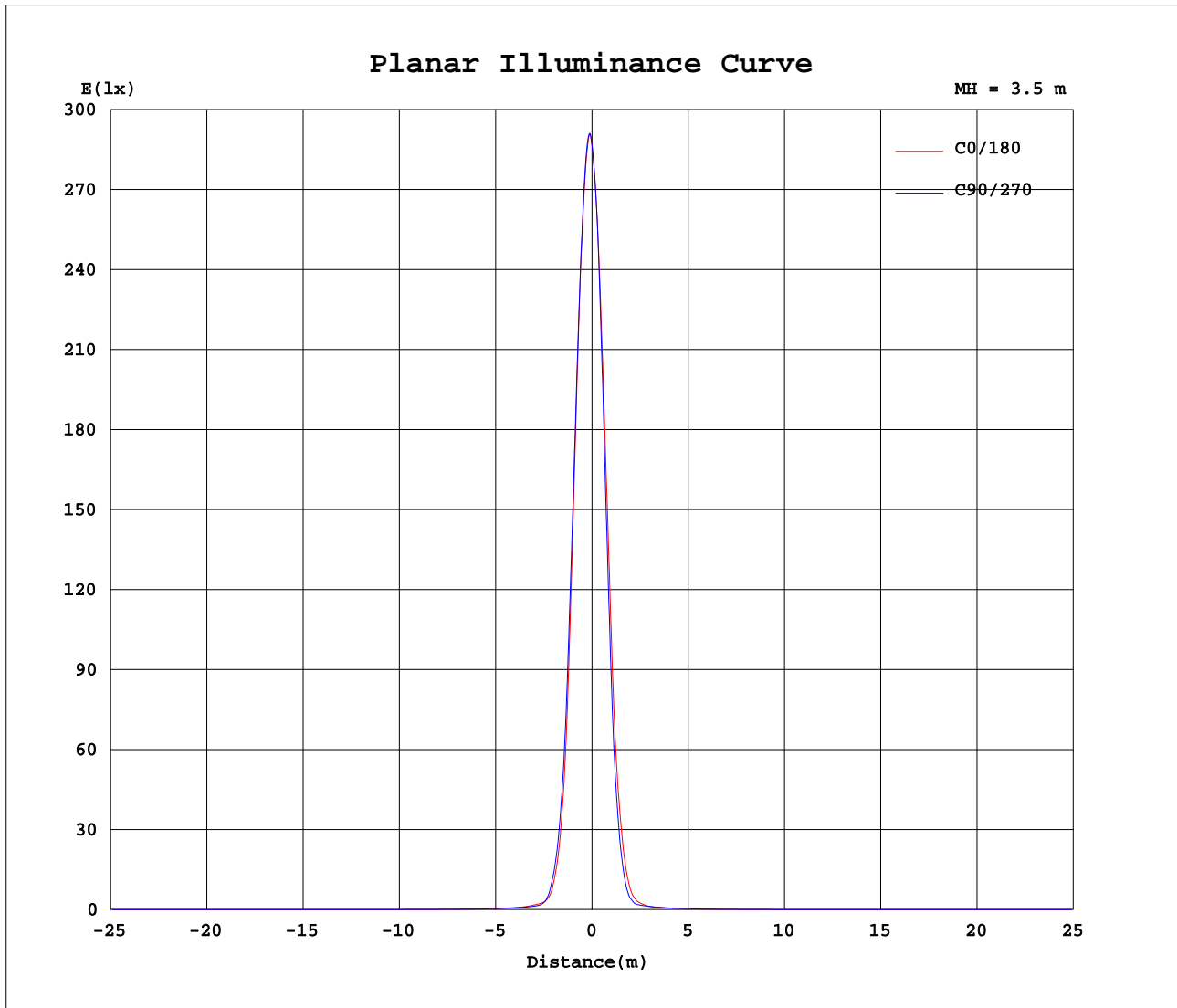
AvgL	cd/m2
L_0~180(65)av	9187
L_0~180(75)av	9324
L_0~180(85)av	6582
L_90~270(65)av	9112
L_90~270(75)av	9408
L_90~270(85)av	6620
L_45(65)av	9163
L_45(75)av	9348
L_45(85)av	6662

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

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: PAR30L-11-940-35D-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	3513	3513	3512	3512	3512	3513	3515	3517	3513	3513	3512	3512	3512	3513	3515	3517			
5	3471	3543	3565	3548	3493	3401	3303	3224	3139	3102	3087	3100	3136	3196	3272	3370			
10	3006	3127	3186	3149	3022	2884	2699	2563	2457	2392	2336	2300	2328	2452	2624	2820			
15	2126	2331	2414	2370	2214	2036	1863	1712	1615	1523	1430	1363	1388	1503	1685	1880			
20	1125	1322	1455	1432	1288	1139	1003	893	816	780	728	658	641	673	788	926			
25	478	594	660	655	603	550	482	417	375	350	306	266	245	261	307	373			
30	173	227	250	248	235	223	195	157	135	114	89.9	77.6	76.2	80.2	95.2	127			
35	69.6	78.9	74.5	68.6	68.1	67.9	68.6	66.9	61.1	53.4	43.3	42.7	40.3	40.8	48.7	60.5			
40	51.3	52.1	43.3	36.9	38.3	40.6	45.0	41.4	36.3	36.0	35.3	37.1	35.0	33.7	38.7	44.6			
45	39.3	39.8	34.6	30.9	32.4	35.0	36.4	30.7	28.4	28.6	30.8	33.0	31.0	29.3	30.9	33.8			
50	33.4	33.6	29.6	27.3	28.8	31.4	31.9	26.9	24.9	24.8	27.1	28.7	27.2	26.1	27.0	29.4			
55	29.1	29.4	26.1	24.1	25.5	28.0	27.8	23.7	21.7	21.7	24.0	24.9	24.0	22.8	23.6	25.9			
60	25.2	25.8	22.9	21.5	22.6	24.6	24.3	20.9	19.1	19.2	21.2	21.7	21.1	19.9	20.6	22.8			
65	21.7	22.4	20.2	19.3	20.0	21.3	20.7	18.3	16.8	16.8	18.0	18.5	18.2	17.5	18.0	19.8			
70	18.2	18.7	17.6	17.1	17.4	17.7	16.9	15.2	14.0	13.8	14.4	14.9	14.9	14.8	15.4	16.7			
75	14.4	15.0	14.4	14.2	14.0	13.7	12.5	10.8	9.52	9.04	9.29	9.74	10.2	10.8	11.8	13.0			
80	9.23	9.93	9.79	9.57	8.97	8.23	7.12	5.80	4.79	4.34	4.37	4.71	5.26	5.89	6.85	8.01			
85	4.20	4.76	4.92	4.71	4.13	3.49	2.78	2.04	1.49	1.17	1.06	1.23	1.60	2.12	2.75	3.48			
90	0.91	1.23	1.36	1.24	0.90	0.43	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	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			
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	0.01	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	0.00	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			
135	0.01	0.00	0.01	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			
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	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02			
150	0.06	0.05	0.05	0.04	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.08	0.07	0.06	0.06			
155	0.13	0.12	0.11	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.18	0.18	0.16	0.14	0.13			
160	0.23	0.22	0.21	0.20	0.20	0.22	0.24	0.27	0.29	0.30	0.32	0.33	0.32	0.30	0.28	0.26			
165	0.33	0.32	0.31	0.31	0.31	0.33	0.36	0.39	0.41	0.42	0.43	0.43	0.43	0.42	0.40	0.37			
170	0.34	0.34	0.34	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.39	0.38	0.37	0.38	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
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