

Sample : PAR30S-11-950-25D-DIM
Specification :
Sample No. :
Manufacturer : RAB Lighting Inc.
Assessor : cuiquan
Remark :
Device SN :

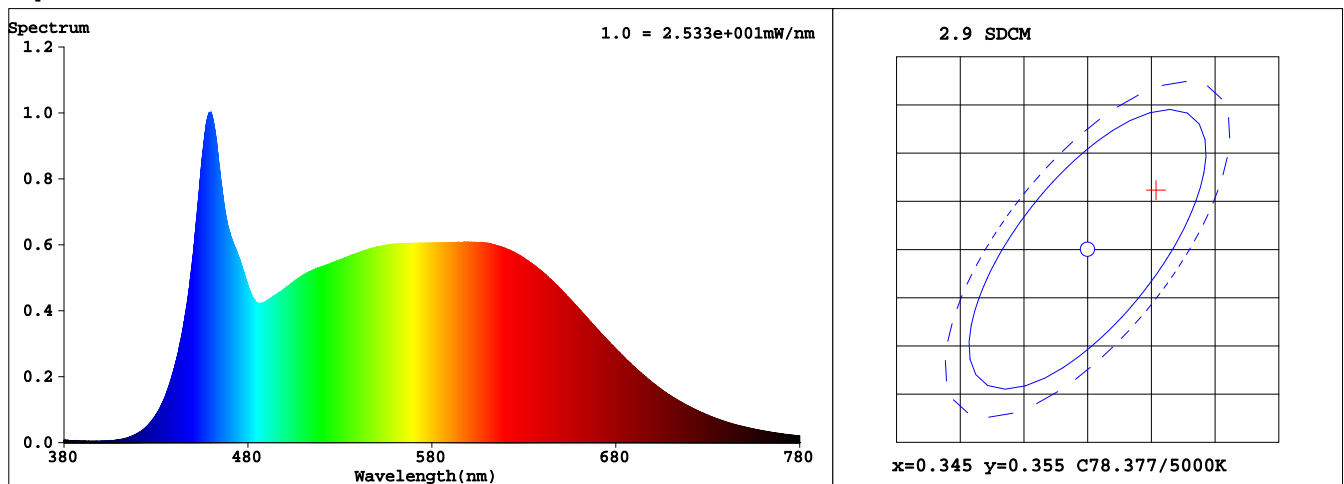
Date : 2020-04-18 16:56:10
Sam. Status :
Standard : LM-79-80
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

Temperature : 27.0Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 30.1%
IP : 48517 (74%)
T : 219 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3500$ $y = 0.3612$ / $u' = 0.2110$ $v' = 0.4900$ ($duv=2.83e-03$)
CCT= 4856K Prcp WL: Ld=571.9nm Purity=13.4%
Peak WL: Lp=460nm FWHM: =29.8nm Ratio:R=17.4% G=76.6% B=5.9%
Render Index: Ra = 91.5 TM30:Rf=89 Rg=96

EEL: 0.12480 A+

R1 =94 R2 =99 R3 =96 R4 =85 R5 =90 R6 =96 R7 =89
R8 =84 R9 =67 R10=97 R11=87 R12=67 R13=96 R14=98 R15=90
LEVEL:OUT WHITE:ANSI_5000K

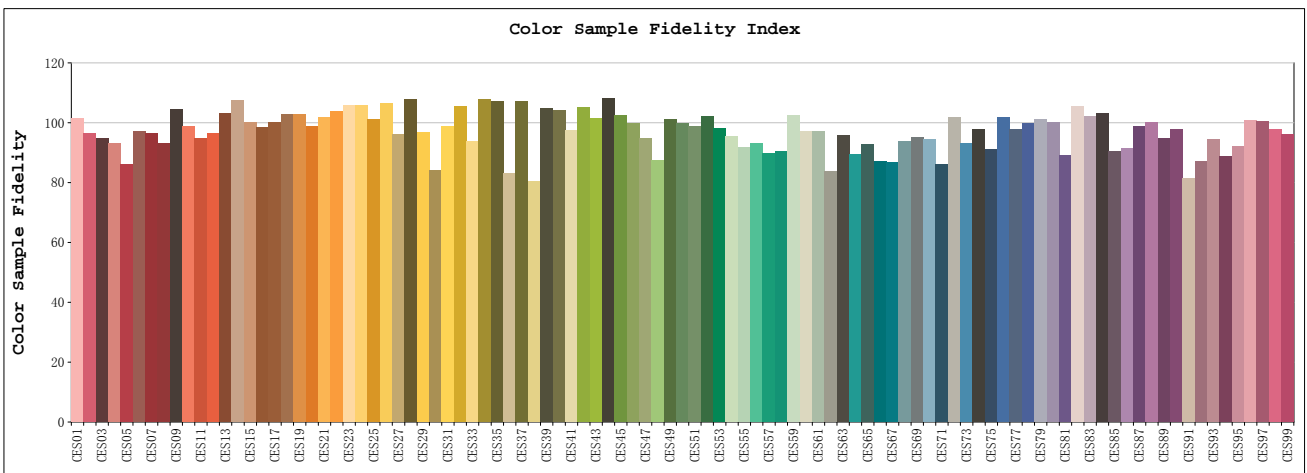
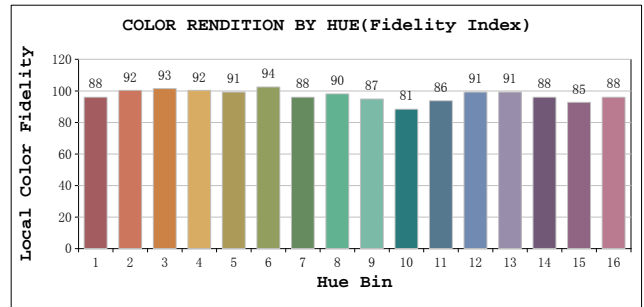
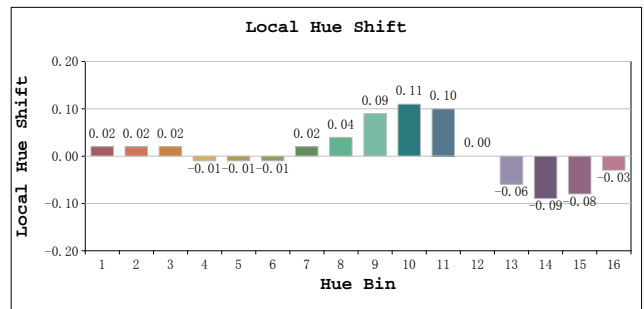
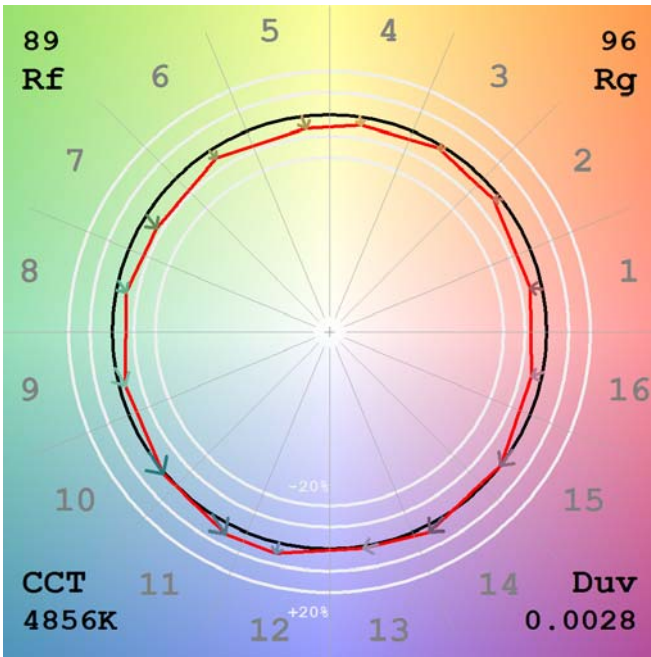
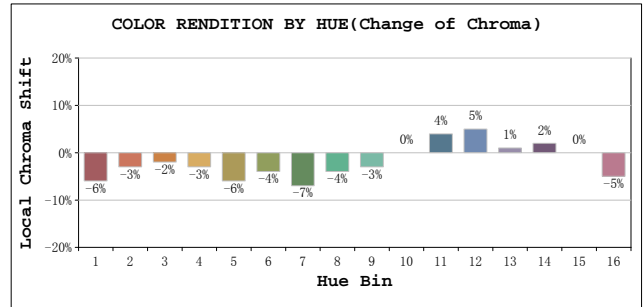
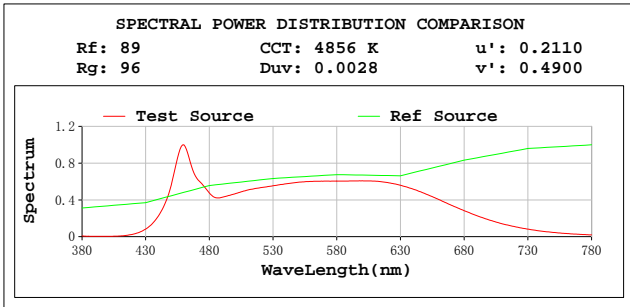
Photometric & Radiometric Parameters

Flux = 1055.2 lm Eff. : 105.31 lm/W Fe = 3.6435 W
Flux of emitted photons($\mu\text{mol/s}$):17.16 Fluo. and blue light ratio:3.613 Fluorescent eff.:273.8

Electrical parameters

V = 119.99 V I = 0.08690 A P = 10.02 W PF = 0.9610

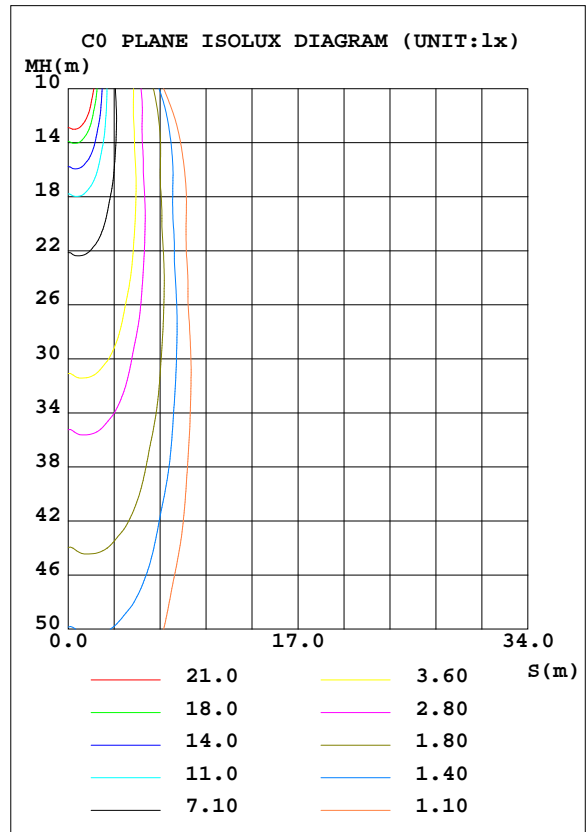
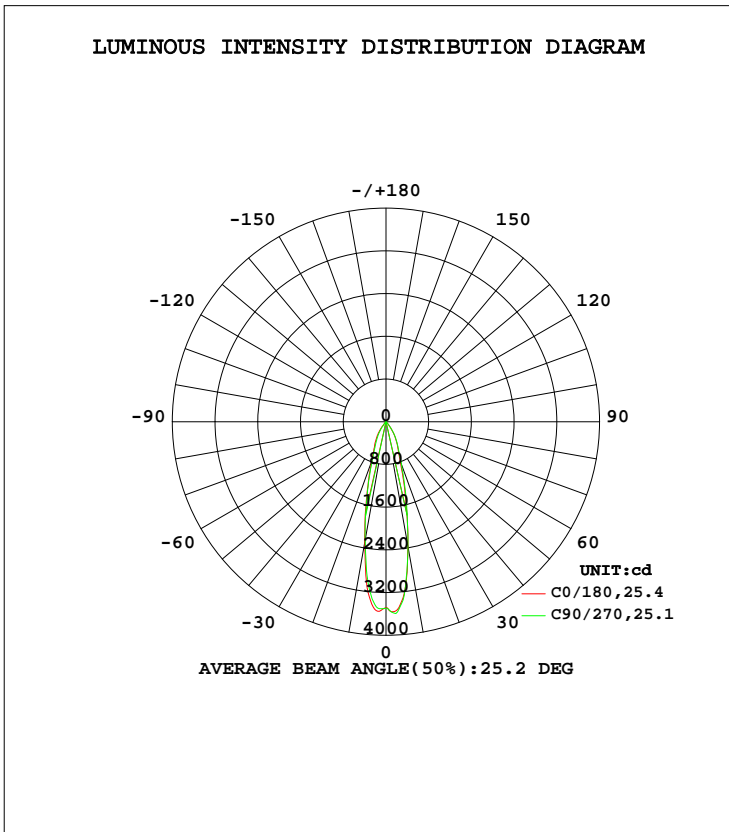
TM30



LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: PAR30S-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.65 lm/W			
MODEL	P30	Imax(cd)	3617	S/MH(C0/180)	0.43
NOMINAL POWER(W)	11	LOR(%)	100.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1096.1	η UP, DN(C0-180)	0.0, 52.1
NOMINAL FLUX(lm)	1096.14	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 47.9
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: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

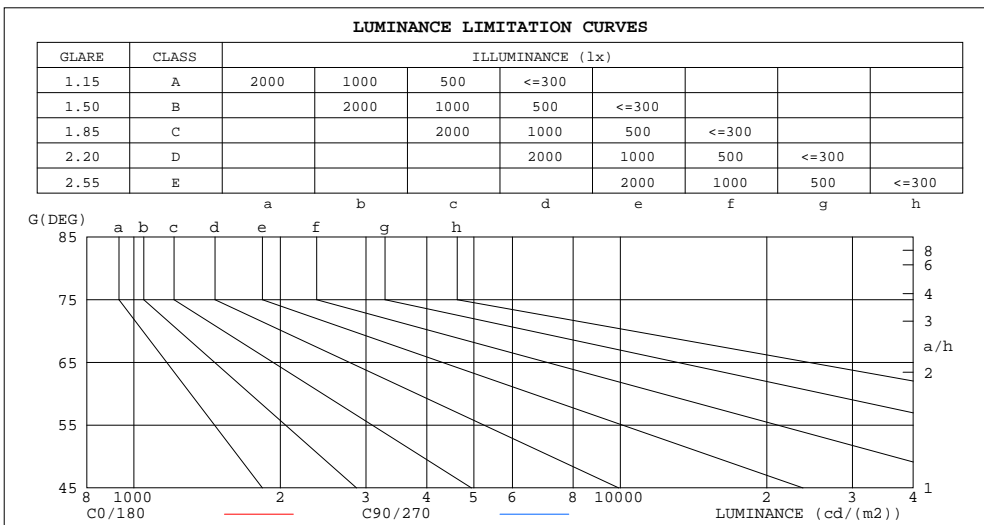
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	3373	3378	3406	3468	3358	3318	3254	3276	0- 5	83.36	83.36	7.6,7.6
10	2371	2323	2379	2513	2302	2303	2255	2216	5- 10	202.2	285.5	26,26
15	1388	1397	1448	1499	1369	1365	1332	1300	10- 15	213.7	499.2	45.5,45.5
20	785.4	822.4	843.0	849.9	785.6	768.8	737.4	725.0	15- 20	172.6	671.7	61.3,61.3
25	519.7	534.3	545.3	555.0	517.0	491.6	464.0	484.6	20- 25	131.9	803.6	73.3,73.3
30	359.3	362.4	370.5	393.5	364.4	330.0	306.1	324.6	25- 30	108.6	912.3	83.2,83.2
35	208.7	207.1	217.8	239.2	222.3	187.3	169.8	174.4	30- 35	81.12	993.4	90.6,90.6
40	79.89	79.98	91.46	102.8	82.52	63.24	60.53	64.22	35- 40	44.90	1038	94.7,94.7
45	27.91	23.89	31.51	38.77	27.31	23.40	25.86	27.49	40- 45	17.53	1056	96.3,96.3
50	19.87	16.25	18.68	23.32	18.19	18.64	19.85	19.98	45- 50	9.158	1065	97.2,97.2
55	15.61	14.17	15.21	17.72	15.32	16.97	16.29	15.58	50- 55	7.664	1073	97.9,97.9
60	12.15	11.86	11.39	11.88	11.31	13.71	13.10	12.01	55- 60	6.249	1079	98.4,98.4
65	10.75	11.01	9.765	9.879	9.579	11.88	11.34	10.66	60- 65	5.519	1084	98.9,98.9
70	8.312	8.193	7.768	8.066	8.010	9.840	9.006	8.164	65- 70	5.084	1090	99.4,99.4
75	4.525	4.511	4.709	5.097	4.975	5.672	5.011	4.522	70- 75	3.420	1093	99.7,99.7
80	2.572	2.610	2.717	2.890	2.870	3.222	2.815	2.575	75- 80	2.009	1095	99.9,99.9
85	0.8718	0.8822	0.7108	1.224	1.206	1.318	1.047	0.9238	80- 85	1.033	1096	100,100
90	0.0006	0.0009	0.0015	0.0004	0.0003	0.0003	0.0009	0.0003	85- 90	0.1692	1096	100,100
95	0.0003	0	0.0003	0	0.0003	0	0	0	90- 95	0.0002	1096	100,100
100	0.0000	0	0.0006	0	0	0	0.0000	0.0000	95-100	0.0001	1096	100,100
105	0	0	0.0003	0.0003	0	0	0.0006	0	100-105	0.0001	1096	100,100
110	0.0006	0	0.0006	0.0006	0.0003	0	0.0003	0.0000	105-110	0.0001	1096	100,100
115	0.0003	0	0.0003	0.0009	0	0	0.0006	0	110-115	0.0001	1096	100,100
120	0	0	0.0000	0.0006	0.0003	0.0000	0	0.0003	115-120	0.0001	1096	100,100
125	0.0003	0	0	0.0006	0.0003	0.0000	0	0	120-125	0.0001	1096	100,100
130	0	0	0.0003	0.0003	0.0003	0	0.0006	0.0003	125-130	0.0001	1096	100,100
135	0.0006	0	0.0003	0.0009	0.0009	0.0009	0.0012	0.0012	130-135	0.0001	1096	100,100
140	0.0006	0	0.0003	0.0006	0.0025	0.0018	0.0009	0.0018	135-140	0.0003	1096	100,100
145	0.0006	0.0006	0.0003	0.0006	0.0031	0.0031	0.0018	0.0025	140-145	0.0004	1096	100,100
150	0.0006	0.0006	0.0006	0.0018	0.0046	0.0040	0.0037	0.0043	145-150	0.0006	1096	100,100
155	0.0049	0.0009	0.0034	0.0046	0.0071	0.0059	0.0055	0.0059	150-155	0.0009	1096	100,100
160	0.0055	0.0049	0.0055	0.0052	0.0111	0.0089	0.0086	0.0077	155-160	0.0012	1096	100,100
165	0.0065	0.0055	0.0055	0.0052	0.0154	0.0089	0.0126	0.0105	160-165	0.0013	1096	100,100
170	0.0062	0.0058	0.0058	0.0061	0.0154	0.0124	0.0163	0.0132	165-170	0.0012	1096	100,100
175	0.0058	0.0055	0.0043	0.0101	0.0191	0.0197	0.0184	0.0154	170-175	0.0008	1096	100,100
180	0.0110	0.0055	0.0052	0.0074	0.0101	0.0086	0.0043	0.0049	175-180	0.0003	1096	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

LUMINANCE LIMITATION CURVES

NAME: PAR30S-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	33	27
80	49	52
75	58	60
70	80	75
65	84	76
60	80	75
55	90	88
50	102	96
45	130	147

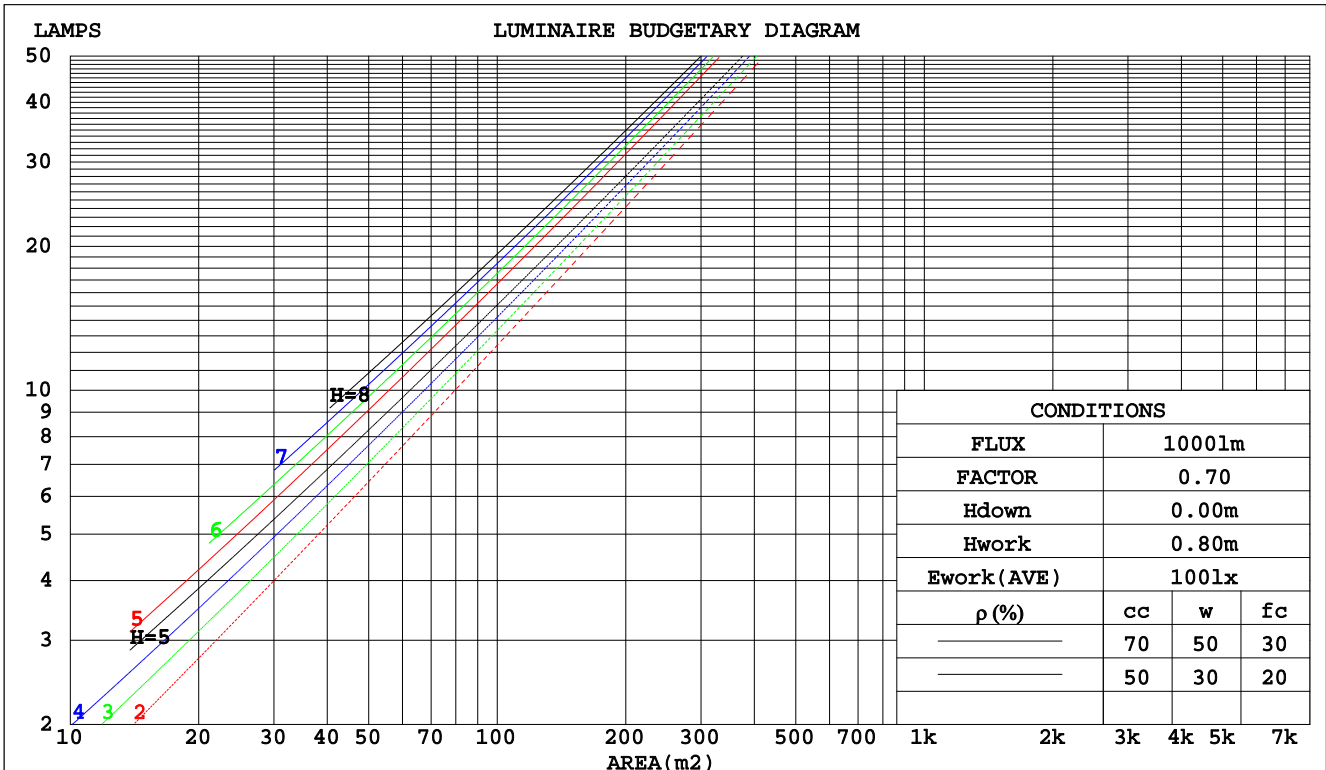
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: PAR30S-11-950-25D-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																
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	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.99	.98	.98	.97	.95
2.0	1.05	1.02	.99	1.03	1.00	.98	1.00	.98	.95	.97	.95	.93	.95	.93	.92	.90
3.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.93	.91	.88	.91	.89	.87	.85
4.0	.94	.90	.86	.93	.89	.86	.91	.88	.85	.89	.86	.84	.88	.85	.83	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.80	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.74
7.0	.82	.77	.74	.82	.77	.73	.80	.76	.73	.79	.76	.73	.78	.75	.72	.71
8.0	.79	.74	.70	.78	.74	.70	.77	.73	.70	.76	.73	.70	.75	.72	.69	.68
9.0	.76	.71	.68	.75	.71	.67	.74	.70	.67	.74	.70	.67	.73	.69	.67	.66
10.0	.73	.68	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.70	.67	.64	.63



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

WEC AND CCEC

NAME: PAR30S-11-950-25D-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	.160	.091	.029	.153	.087	.028	.141	.081	.026	.129	.074	.024	.118	.069	.022	
2.0	.150	.082	.025	.145	.080	.025	.134	.075	.023	.125	.070	.022	.116	.065	.021	
3.0	.141	.075	.022	.136	.073	.022	.128	.069	.021	.120	.065	.020	.112	.062	.019	
4.0	.133	.069	.020	.129	.067	.020	.121	.064	.019	.114	.061	.019	.108	.059	.018	
5.0	.126	.064	.019	.122	.063	.018	.116	.060	.018	.110	.058	.017	.104	.056	.017	
6.0	.119	.060	.017	.116	.059	.017	.110	.057	.016	.105	.055	.016	.100	.053	.016	
7.0	.113	.056	.016	.111	.055	.016	.106	.053	.015	.101	.052	.015	.097	.050	.015	
8.0	.108	.053	.015	.106	.052	.015	.101	.051	.014	.097	.049	.014	.093	.048	.014	
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.094	.047	.013	.090	.046	.013	
10.0	.099	.047	.013	.097	.047	.013	.093	.046	.013	.090	.045	.013	.087	.044	.013	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.086	.063	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.095	.066	.046	.065	.047	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.017	.012	.008	.005	
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.079	.049	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.087	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

UGR(Unified Glare Rating) Table

NAME: PAR30S-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	1.0	1.8	1.2	1.9	2.1	1.0	1.8	1.2	2.0	2.1				
3H	1.3	2.0	1.5	2.2	2.4	1.3	2.0	1.5	2.2	2.4				
4H	1.4	2.1	1.6	2.3	2.5	1.4	2.1	1.6	2.3	2.5				
6H	1.4	2.0	1.7	2.3	2.5	1.4	2.1	1.7	2.3	2.5				
8H	1.4	2.0	1.7	2.3	2.5	1.4	2.0	1.7	2.3	2.5				
12H	1.4	2.0	1.7	2.2	2.5	1.4	2.0	1.7	2.2	2.5				
4H 2H	0.9	1.6	1.2	1.8	2.1	1.0	1.7	1.3	1.9	2.1				
3H	1.4	2.0	1.7	2.2	2.5	1.4	2.0	1.7	2.2	2.5				
4H	1.5	2.1	1.9	2.4	2.7	1.5	2.1	1.9	2.4	2.7				
6H	1.6	2.1	2.0	2.4	2.8	1.6	2.1	2.0	2.4	2.8				
8H	1.6	2.1	2.0	2.4	2.8	1.6	2.1	2.0	2.4	2.8				
12H	1.6	2.0	2.0	2.4	2.8	1.6	2.0	2.0	2.4	2.8				
8H 4H	1.5	2.0	1.9	2.3	2.7	1.5	2.0	1.9	2.3	2.7				
6H	1.6	2.0	2.0	2.4	2.8	1.6	2.0	2.1	2.4	2.8				
8H	1.7	2.0	2.1	2.4	2.8	1.7	2.0	2.1	2.4	2.9				
12H	1.6	1.9	2.1	2.4	2.8	1.7	2.0	2.1	2.4	2.9				
12H 4H	1.5	1.9	1.9	2.2	2.6	1.5	1.9	1.9	2.2	2.6				
6H	1.6	1.9	2.0	2.3	2.8	1.6	1.9	2.0	2.4	2.8				
8H	1.6	1.9	2.1	2.4	2.8	1.7	1.9	2.1	2.4	2.9				
Variations with the observer position at spacings:														
S = 1.0H	+ 2.4 / - 2.1					+ 2.6 / - 2.4								
1.5H	+ 4.4 / - 2.1					+ 4.7 / - 2.4								
2.0H	+ 0.8 / - 0.4					+ 1.3 / - 0.5								

CIE Pub.117, 1096 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

UTILIZATION FACTORS TABLE

NAME: PAR30S-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

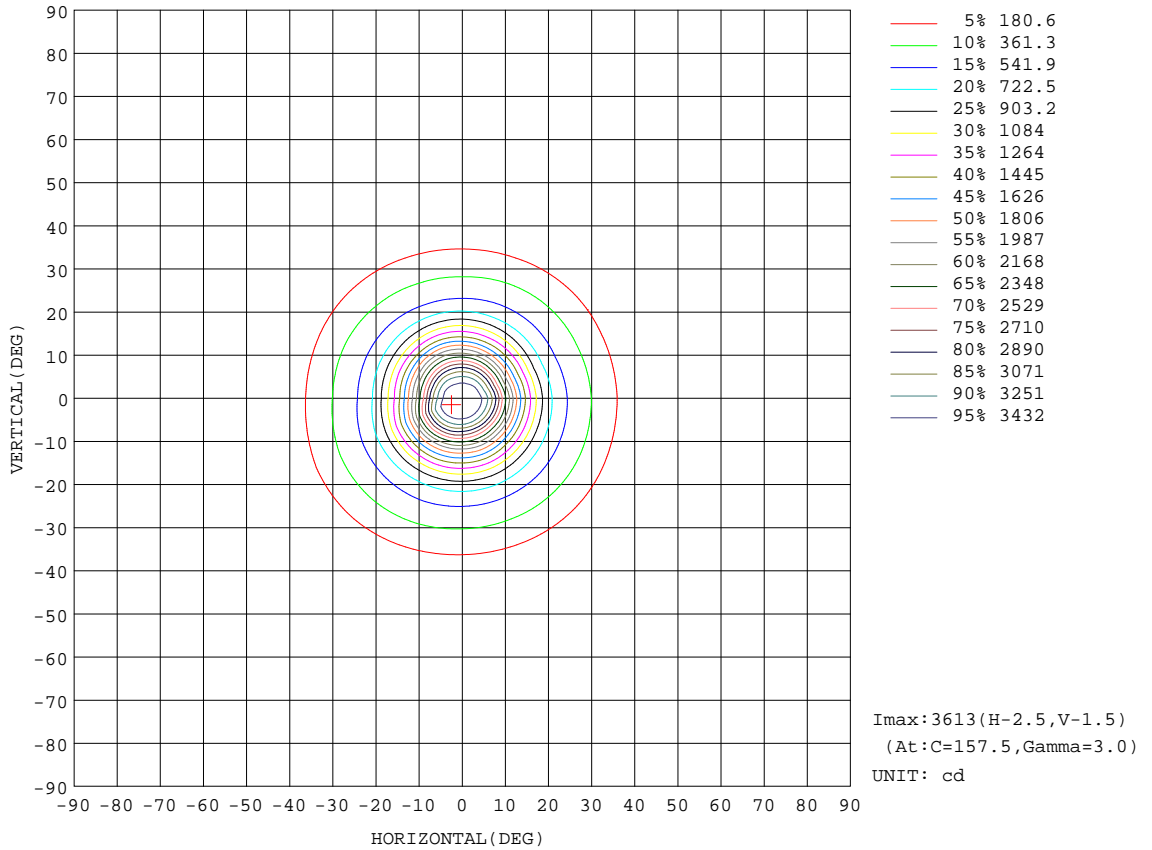
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	82	78	88	82	78	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	104	98	95	102	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	101	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	104	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	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: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

ISOCANDELA DIAGRAM

NAME: PAR30S-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

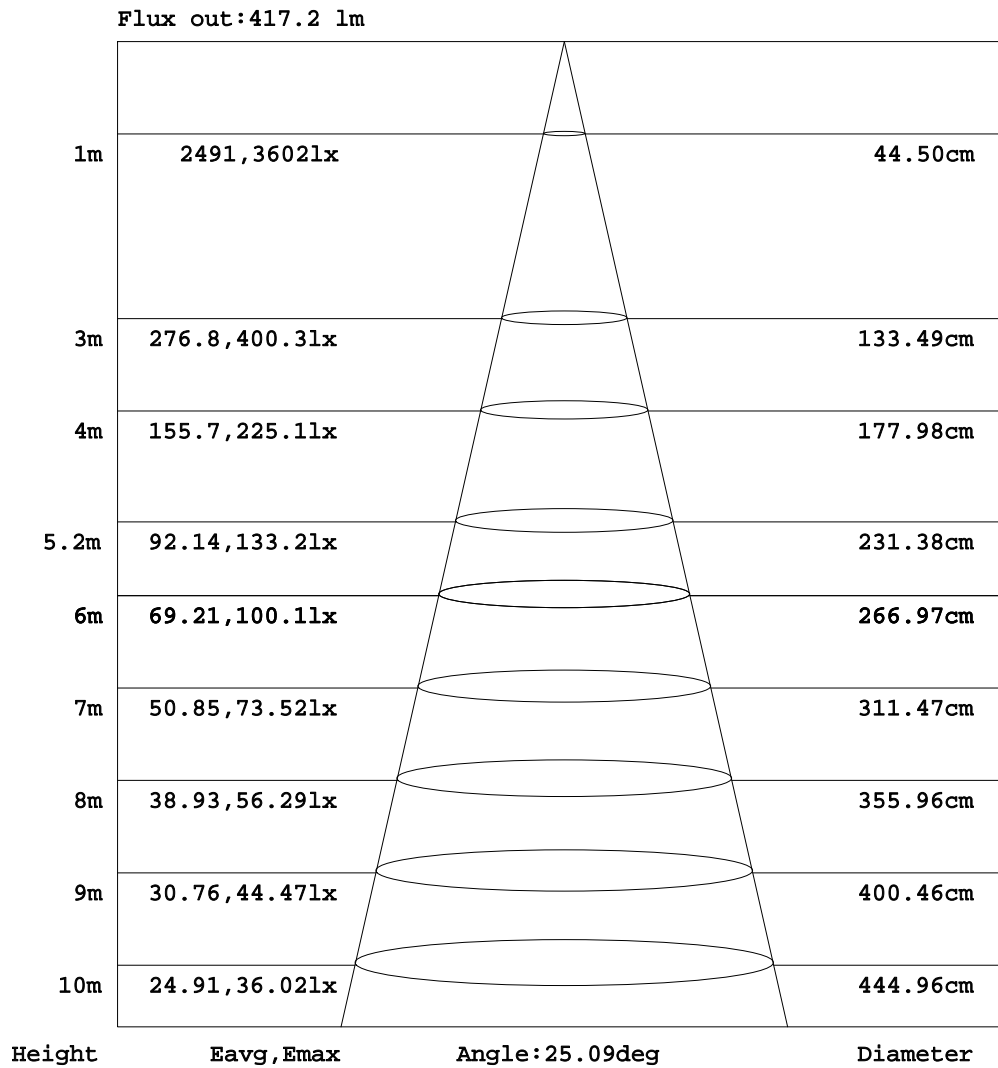


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

AAI Figure

NAME: PAR30S-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



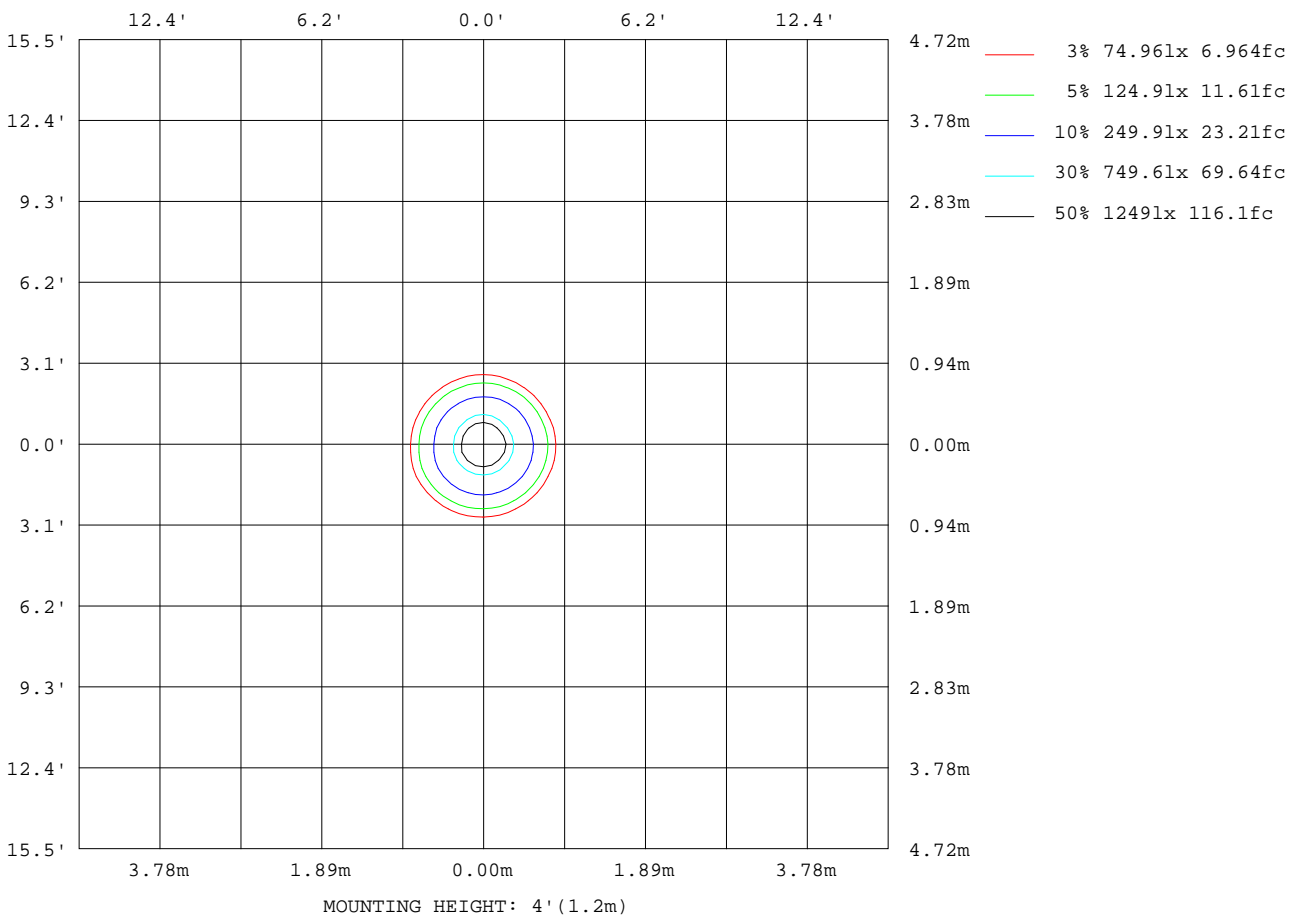
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

ISOLUX DIAGRAM

NAME: PAR30S-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: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

LED Avg.L Report

NAME: PAR30S-11-950-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

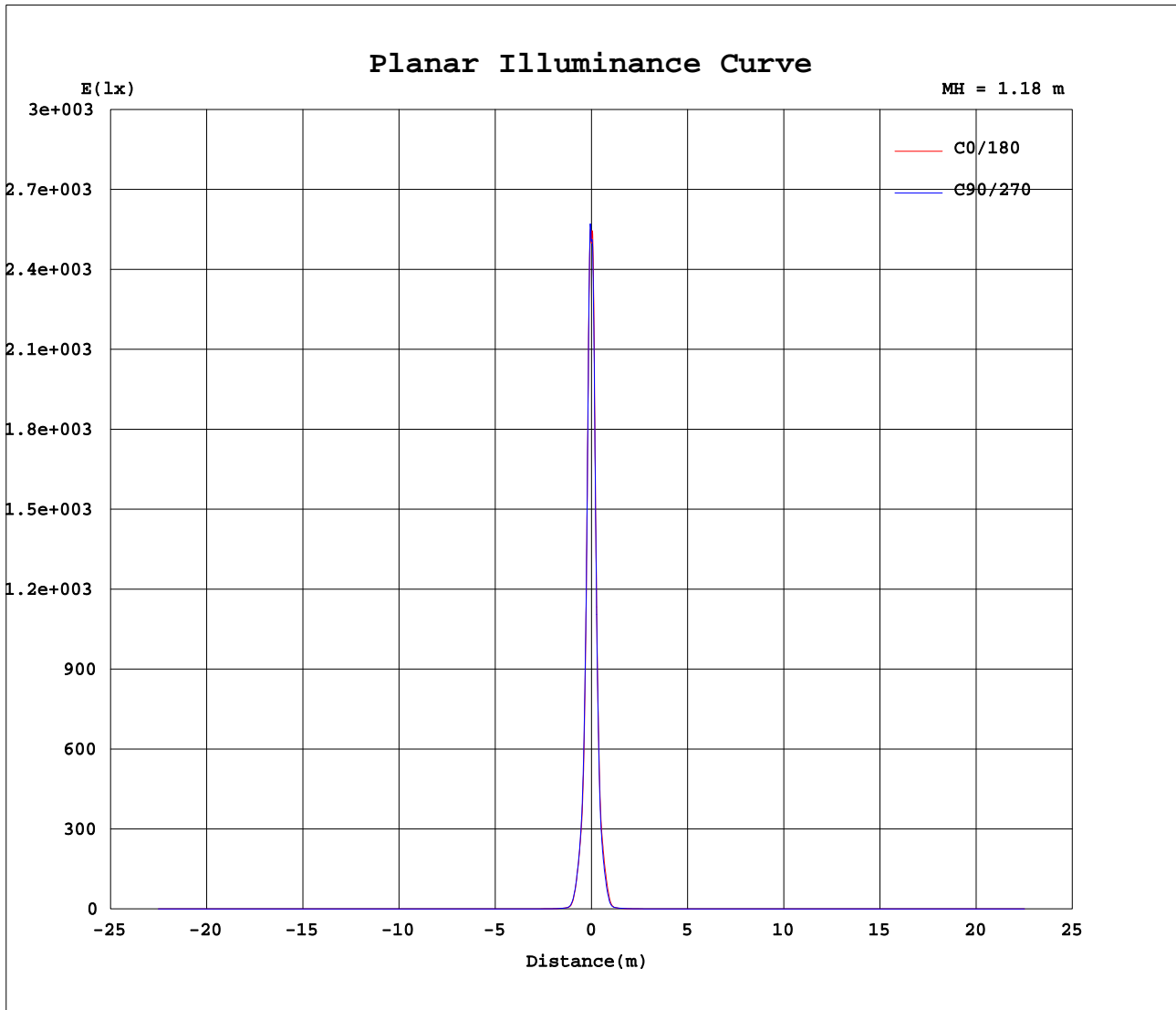
AvgL	cd/m2
L_0~180(65)av	79
L_0~180(75)av	61
L_0~180(85)av	39
L_90~270(65)av	83
L_90~270(75)av	62
L_90~270(85)av	33
L_45(65)av	85
L_45(75)av	63
L_45(85)av	41

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: PAR30S-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	3479	3481	3480	3484	3489	3499	3510	3524	3479	3481	3480	3484	3489	3499	3510	3524			
5	3373	3382	3378	3393	3406	3436	3468	3474	3358	3338	3318	3271	3254	3265	3276	3293			
10	2371	2354	2323	2345	2379	2430	2513	2513	2302	2286	2303	2295	2255	2233	2216	2227			
15	1388	1384	1397	1437	1448	1480	1499	1498	1369	1377	1365	1360	1332	1302	1300	1299			
20	785	800	822	833	843	852	850	848	786	782	769	753	737	723	725	726			
25	520	528	534	538	545	557	555	548	517	509	492	474	464	470	485	491			
30	359	364	362	363	371	385	393	392	364	352	330	314	306	313	325	335			
35	209	207	207	210	218	226	239	244	222	205	187	175	170	168	174	186			
40	79.9	78.9	80.0	83.8	91.5	96.4	103	101	82.5	71.1	63.2	60.8	60.5	62.9	64.2	67.7			
45	27.9	25.3	23.9	27.3	31.5	35.8	38.8	34.5	27.3	23.9	23.4	24.8	25.9	27.3	27.5	27.9			
50	19.9	17.3	16.2	16.8	18.7	22.5	23.3	21.9	18.2	17.0	18.6	19.2	19.8	20.2	20.0	20.1			
55	15.6	14.8	14.2	14.2	15.2	17.4	17.7	17.6	15.3	15.0	17.0	17.1	16.3	15.7	15.6	14.9			
60	12.2	12.2	11.9	11.7	11.4	11.8	11.9	11.8	11.3	11.9	13.7	14.1	13.1	12.1	12.0	11.9			
65	10.7	11.0	11.0	10.7	9.76	9.84	9.88	9.71	9.58	10.3	11.9	12.2	11.3	10.6	10.7	10.6			
70	8.31	8.27	8.19	8.01	7.77	7.89	8.07	8.13	8.01	8.88	9.84	9.94	9.01	8.48	8.16	8.02			
75	4.53	4.55	4.51	4.60	4.71	4.92	5.10	5.22	4.97	5.27	5.67	5.62	5.01	4.80	4.52	4.37			
80	2.57	2.58	2.61	2.67	2.72	2.80	2.89	2.97	2.87	2.94	3.22	3.19	2.82	2.67	2.58	2.48			
85	0.87	0.86	0.88	0.71	0.71	1.08	1.22	1.25	1.21	1.22	1.32	1.23	1.05	1.01	0.92	0.86			
90	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			
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	0.00	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			
140	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			
145	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			
150	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			
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01			
160	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
165	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01			
170	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.02	0.01			
175	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
180	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.500m [K=1.0050]
 Remarks: 光阑片: 0.2 遮光筒: 装