

Sample : AR30S-11-940-25D-DIM
Specification :
Sample No. :
Manufacturer : RAB Lighting Inc.
Assessor : cuiquan
Remark :
Device SN :

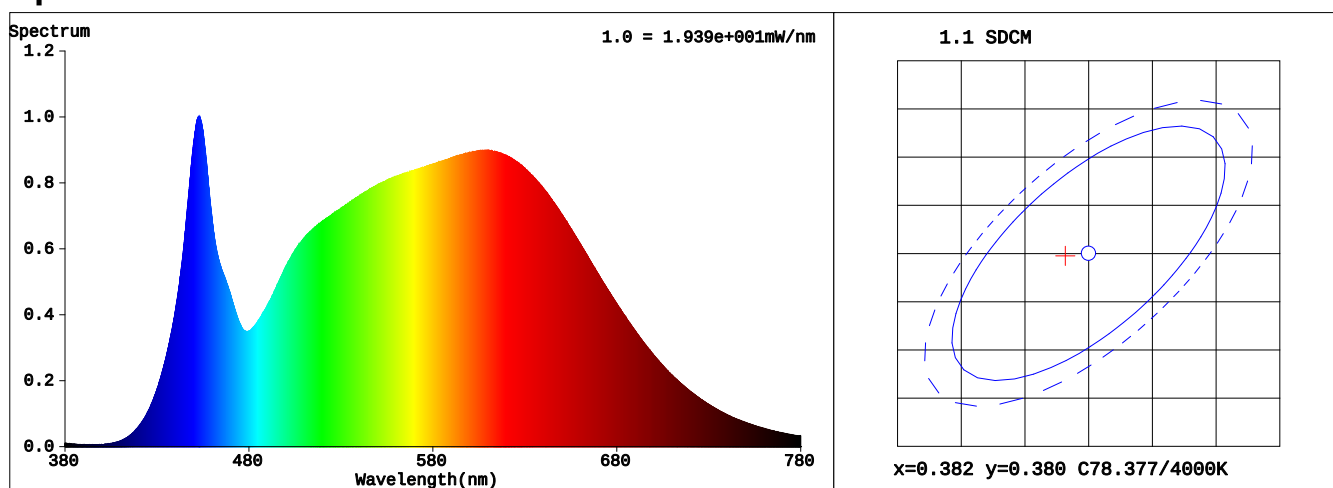
Date : 2020-04-18 15:57:54
Sam. Status :
Standard : LM-79-80
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

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

RH : 30.1%
IP : 45099 (69%)
T : 184 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3799$ $y = 0.3793$ / $u' = 0.2238$ $v' = 0.5026$ ($duv=1.35e-03$)

CCT= 4033K Prcp WL: Ld=578.2nm Purity=27.9%

Peak WL: Lp=453nm FWHM: =25.3nm Ratio:R=19.3% G=76.6% B=4.1%

Render Index: Ra = 91.3 TM30:Rf=91 Rg=98

EEL: 0.12749 A+

R1 =91 R2 =94 R3 =96 R4 =91 R5 =90 R6 =91 R7 =94
R8 =84 R9 =57 R10=85 R11=91 R12=71 R13=92 R14=97 R15=88
LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

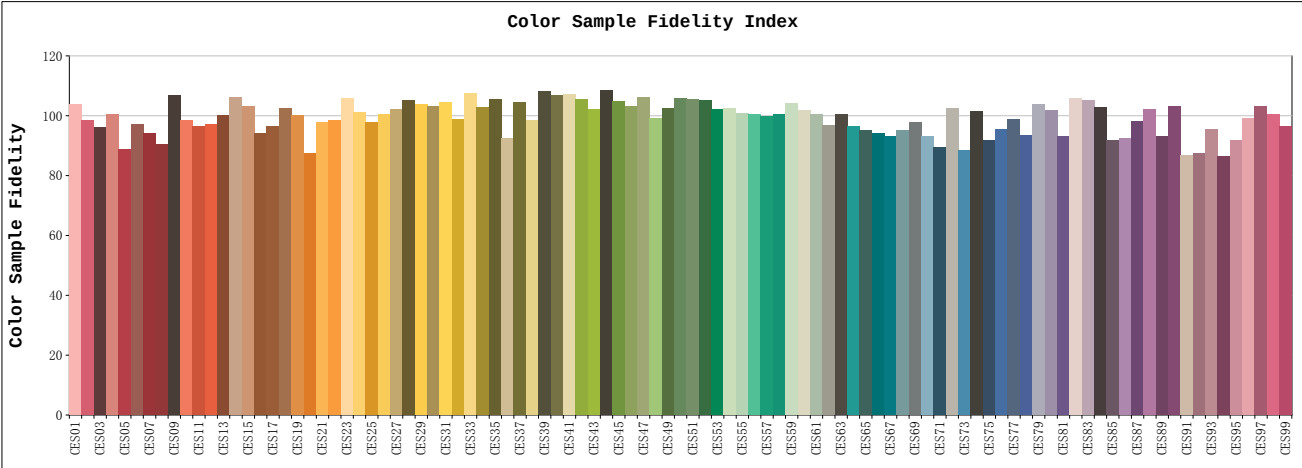
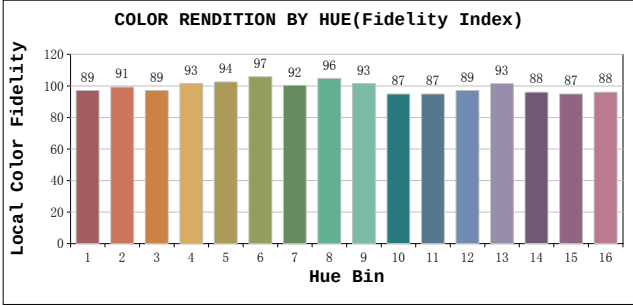
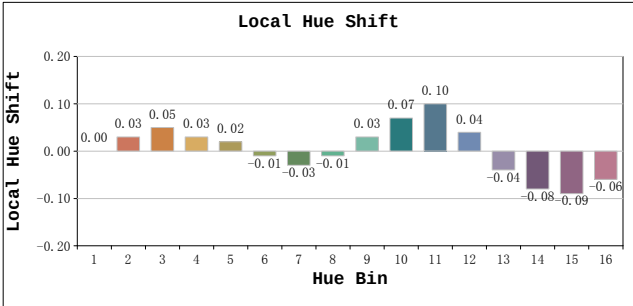
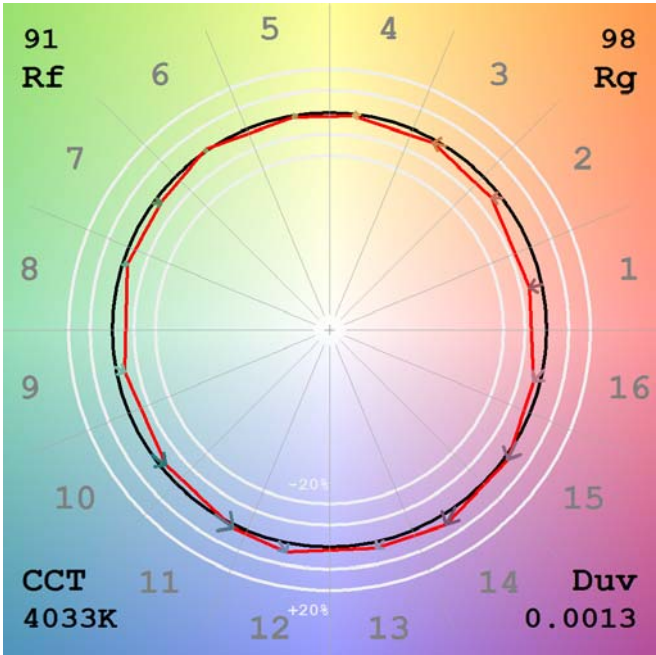
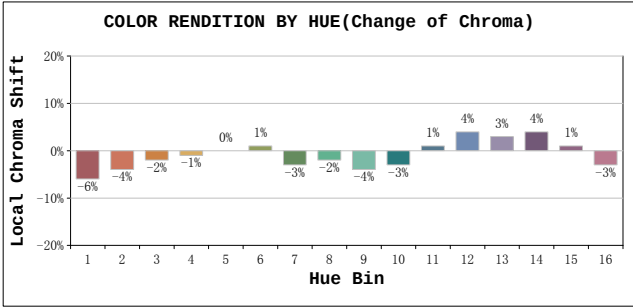
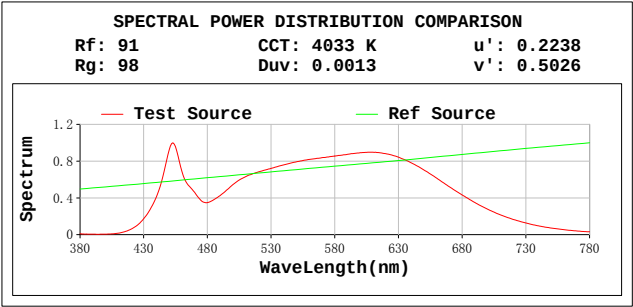
Flux = 1093.3 lm Eff. : 103.73 lm/W Fe = 3.6935 W

Flux of emitted photons($\mu\text{mol/s}$):17.695 Fluo. and blue light ratio:5.573 Fluorescent eff.:286.0

Electrical parameters

V = 119.95 V I = 0.09130 A P = 10.54 W PF = 0.9624

TM30

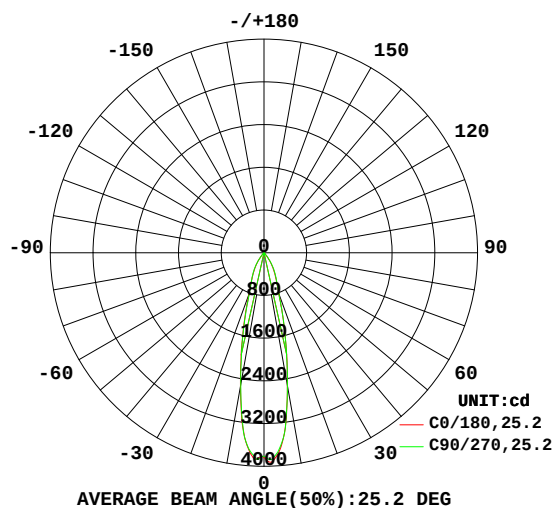


LUMINAIRE PHOTOMETRIC TEST REPORT

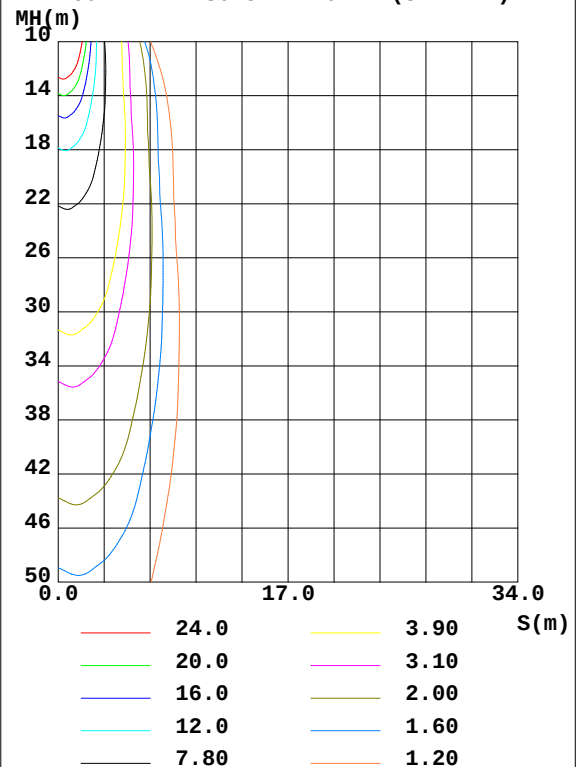
NAME: PAR30S-11-940-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.61 lm/W			
MODEL	P30	Imax(cd)	3925	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)	1161.4	η UP, DN(C0-180)	0.0, 50.5
NOMINAL FLUX(lm)	1161.42	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.5
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: 25.3DEG
 Operators:
 Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-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:

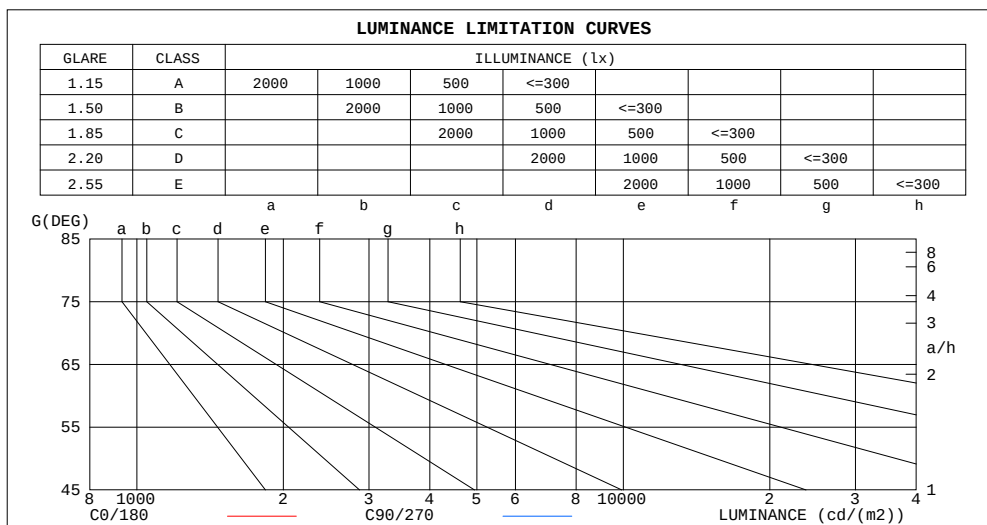
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	3651	3639	3619	3658	3629	3659	3616	3554	0- 5	90.18	90.18	7.76, 7.76
10	2531	2509	2529	2625	2538	2588	2515	2371	5- 10	219.1	309.3	26.6, 26.6
15	1481	1467	1480	1537	1512	1529	1484	1402	10- 15	230.9	540.2	46.5, 46.5
20	820.0	821.4	819.9	862.4	828.3	829.9	805.7	778.8	15- 20	181.9	722.2	62.2, 62.2
25	531.5	526.0	549.7	562.1	538.0	539.9	541.1	532.4	20- 25	137.5	859.7	74.74
30	353.4	348.1	375.4	388.8	357.4	361.6	376.0	360.3	25- 30	113.1	972.8	83.8, 83.8
35	194.2	189.3	217.4	228.6	205.7	205.5	217.4	203.0	30- 35	83.84	1057	91.91
40	72.17	74.95	85.77	93.75	83.28	80.93	82.43	71.10	35- 40	46.05	1103	94.9, 94.9
45	25.75	30.91	34.73	31.93	28.20	29.90	30.13	24.29	40- 45	17.99	1121	96.5, 96.5
50	18.92	21.93	22.40	19.39	17.40	21.26	21.62	18.28	45- 50	9.479	1130	97.3, 97.3
55	15.52	15.44	15.38	15.83	14.20	16.11	15.87	15.00	50- 55	7.855	1138	98.98
60	12.36	12.18	12.02	12.81	11.65	12.22	12.04	12.19	55- 60	6.226	1144	98.5, 98.5
65	10.38	10.42	10.38	11.37	10.03	10.63	10.42	10.50	60- 65	5.458	1150	99.99
70	8.360	8.324	8.344	9.539	8.148	8.369	8.508	8.463	65- 70	4.894	1155	99.4, 99.4
75	4.953	4.829	5.091	5.828	5.287	5.199	5.050	4.859	70- 75	3.568	1158	99.7, 99.7
80	2.742	2.675	2.819	3.103	3.012	2.841	2.817	2.749	75- 80	2.066	1160	99.9, 99.9
85	0.8749	0.8649	0.8956	1.263	1.255	1.141	1.029	0.9675	80- 85	1.045	1161	100, 100
90	0.0022	0.0015	0.0022	0.0013	0.0012	0.0009	0.0006	0.0003	85- 90	0.1672	1161	100, 100
95	0.0009	0.0009	0.0009	0.0006	0.0013	0.0006	0.0003	0.0003	90- 95	0.0005	1161	100, 100
100	0.0012	0.0003	0.0006	0.0006	0.0009	0.0006	0.0003	0.0006	95- 100	0.0004	1161	100, 100
105	0.0012	0.0006	0.0009	0.0006	0.0009	0.0012	0.0003	0.0003	100- 105	0.0004	1161	100, 100
110	0.0012	0.0009	0.0009	0.0003	0.0009	0.0006	0.0009	0.0003	105- 110	0.0003	1161	100, 100
115	0.0012	0.0003	0.0006	0.0003	0.0009	0.0009	0.0006	0.0006	110- 115	0.0003	1161	100, 100
120	0.0012	0.0009	0.0006	0.0006	0.0012	0.0009	0.0006	0.0003	115- 120	0.0004	1161	100, 100
125	0.0009	0.0006	0.0009	0.0006	0.0012	0.0009	0.0006	0.0003	120- 125	0.0003	1161	100, 100
130	0.0009	0.0006	0.0003	0.0006	0.0012	0.0015	0.0012	0.0009	125- 130	0.0003	1161	100, 100
135	0.0006	0.0012	0.0006	0.0006	0.0018	0.0018	0.0012	0.0009	130- 135	0.0003	1161	100, 100
140	0.0012	0.0018	0.0006	0.0009	0.0031	0.0022	0.0015	0.0019	135- 140	0.0005	1161	100, 100
145	0.0012	0.0015	0.0009	0.0018	0.0040	0.0031	0.0022	0.0031	140- 145	0.0006	1161	100, 100
150	0.0046	0.0015	0.0025	0.0037	0.0065	0.0043	0.0040	0.0046	145- 150	0.0008	1161	100, 100
155	0.0055	0.0043	0.0049	0.0052	0.0077	0.0068	0.0061	0.0059	150- 155	0.0011	1161	100, 100
160	0.0055	0.0052	0.0055	0.0055	0.0124	0.0102	0.0086	0.0077	155- 160	0.0013	1161	100, 100
165	0.0095	0.0058	0.0062	0.0061	0.0169	0.0108	0.0142	0.0114	160- 165	0.0015	1161	100, 100
170	0.0074	0.0058	0.0083	0.0095	0.0175	0.0145	0.0184	0.0150	165- 170	0.0014	1161	100, 100
175	0.0086	0.0058	0.0056	0.0108	0.0200	0.0203	0.0197	0.0178	170- 175	0.0009	1161	100, 100
180	0.0122	0.0052	0.0049	0.0061	0.0114	0.0101	0.0046	0.0061	175- 180	0.0003	1161	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
 γ Test System: EVERFINE G0-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-11-940-25D-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	26
80	52	54
75	63	65
70	81	81
65	81	81
60	82	79
55	89	89
50	97	115
45	120	162

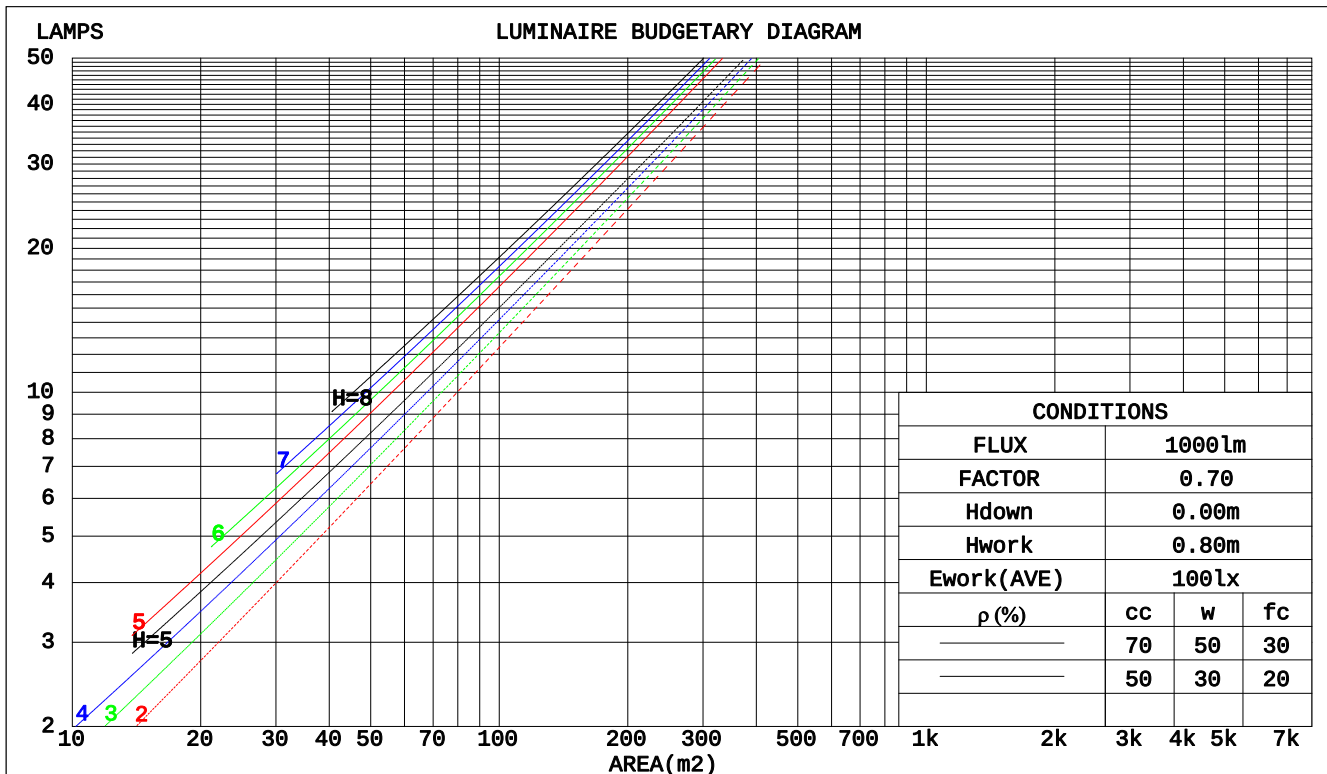
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-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-11-940-25D-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	1.00	.98	1.00	.98	.96	.98	.95	.94	.95	.93	.92	.90
3.0	.00	.95	.92	.98	.94	.91	.96	.93	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.95	.90	.86	.94	.89	.86	.92	.88	.85	.90	.86	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.76	.75
7.0	.83	.78	.74	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.75	.73	.72
8.0	.79	.74	.71	.79	.74	.71	.78	.73	.70	.77	.73	.70	.76	.72	.70	.69
9.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.70	.68	.73	.70	.67	.66
10.0	.73	.69	.66	.73	.68	.65	.72	.68	.65	.72	.68	.65	.71	.67	.65	.64



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 G0-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-11-940-25D-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	.159	.090	.029	.152	.087	.028	.139	.080	.026	.128	.074	.024	.117	.068	.022		
2.0	.149	.082	.025	.143	.079	.024	.133	.074	.023	.123	.069	.022	.115	.065	.020		
3.0	.140	.074	.022	.135	.072	.022	.126	.069	.021	.118	.065	.020	.111	.061	.019		
4.0	.132	.068	.020	.128	.067	.020	.120	.064	.019	.113	.061	.018	.107	.058	.018		
5.0	.124	.063	.018	.121	.062	.018	.115	.060	.018	.109	.057	.017	.103	.055	.017		
6.0	.118	.059	.017	.115	.058	.017	.109	.056	.016	.104	.054	.016	.099	.052	.016		
7.0	.112	.055	.016	.110	.055	.016	.105	.053	.015	.100	.051	.015	.096	.050	.015		
8.0	.107	.052	.015	.105	.052	.015	.100	.050	.014	.096	.049	.014	.092	.047	.014		
9.0	.102	.049	.014	.100	.049	.014	.096	.048	.013	.093	.046	.013	.089	.045	.013		
10.0	.098	.047	.013	.096	.046	.013	.093	.045	.013	.089	.044	.013	.086	.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	.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	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.075	.059	.046	.044	.035	.027	.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	.066	.046	.065	.047	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.005	
8.0	.096	.062	.039	.083	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.078	.049	.029	.054	.035	.021	.032	.020	.012	.010	.007	.004	
10.0	.086	.052	.030	.074	.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 G0-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-11-940-25D-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	0.2	1.0	0.4	1.1	1.3	0.7	1.4	0.9	1.6	1.8				
3H	0.5	1.2	0.8	1.4	1.6	0.9	1.7	1.2	1.9	2.0				
4H	0.6	1.3	0.9	1.6	1.8	1.0	1.7	1.3	1.9	2.2				
6H	0.7	1.4	1.0	1.6	1.8	1.1	1.7	1.4	2.0	2.2				
8H	0.7	1.3	1.0	1.6	1.8	1.1	1.7	1.4	2.0	2.2				
12H	0.7	1.3	1.0	1.6	1.8	1.1	1.7	1.4	1.9	2.2				
4H 2H	0.2	0.9	0.4	1.1	1.3	0.6	1.3	0.9	1.5	1.7				
3H	0.7	1.3	1.0	1.5	1.8	1.0	1.6	1.3	1.9	2.2				
4H	0.9	1.4	1.2	1.7	2.0	1.2	1.7	1.5	2.0	2.3				
6H	1.0	1.5	1.3	1.8	2.1	1.3	1.8	1.7	2.1	2.4				
8H	1.0	1.4	1.4	1.8	2.2	1.3	1.8	1.7	2.1	2.5				
12H	1.0	1.4	1.4	1.8	2.2	1.3	1.7	1.7	2.1	2.5				
8H 4H	0.9	1.3	1.2	1.7	2.0	1.2	1.6	1.6	2.0	2.3				
6H	1.0	1.4	1.5	1.8	2.2	1.3	1.7	1.7	2.1	2.5				
8H	1.1	1.4	1.5	1.8	2.3	1.4	1.7	1.8	2.1	2.6				
12H	1.1	1.4	1.5	1.8	2.3	1.4	1.6	1.8	2.1	2.6				
12H 4H	0.8	1.2	1.2	1.6	2.0	1.1	1.6	1.5	1.9	2.3				
6H	1.0	1.3	1.5	1.8	2.2	1.3	1.6	1.7	2.0	2.5				
8H	1.1	1.3	1.5	1.8	2.3	1.4	1.6	1.8	2.1	2.5				
Variations with the observer position at spacings:														
S = 1.0H	+ 2.2 / - 1.8					+ 2.5 / - 2.2								
1.5H	+ 4.0 / - 1.7					+ 4.4 / - 2.0								
2.0H	+ 0.5 / - 0.6					+ 1.4 / - 0.7								

CIE Pub.117, 1161 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.5$)

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 G0-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-11-940-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

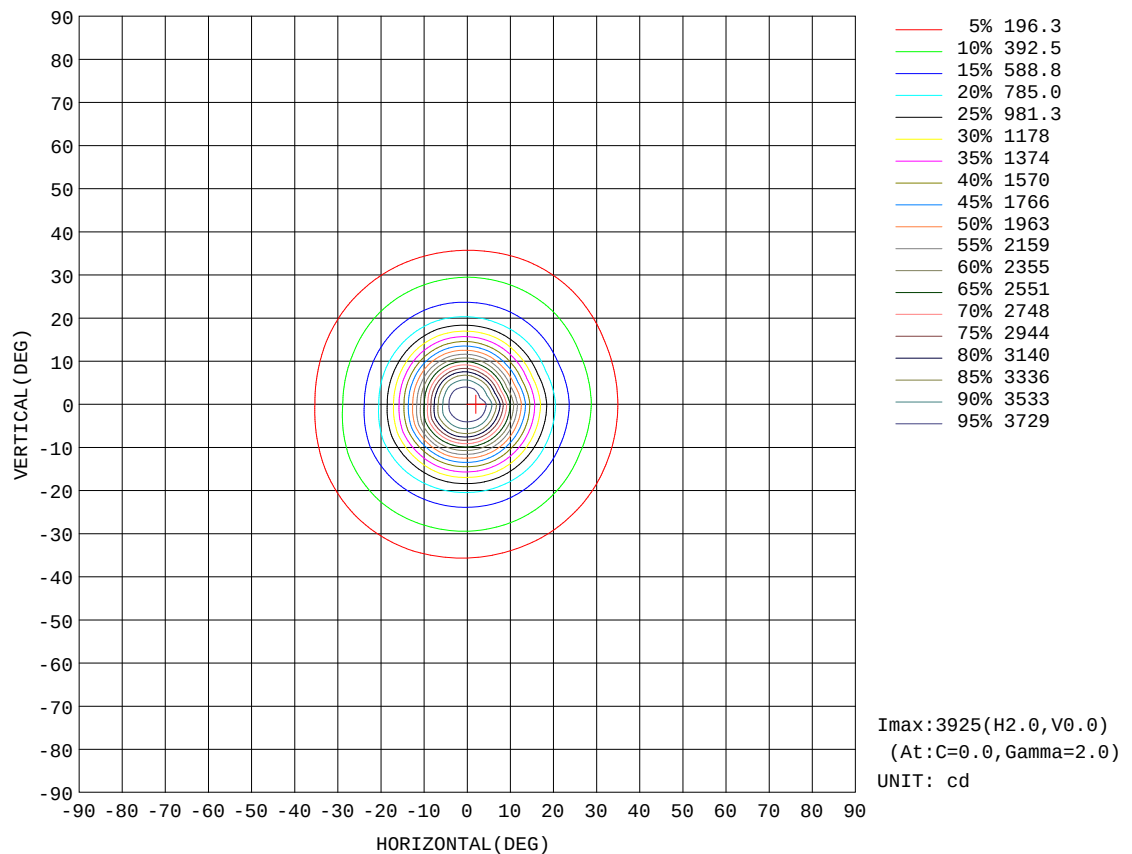
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	88	82	79	88	82	79	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
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	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	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: 25.3DEG
Operators:
Test Date: 16 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-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-11-940-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

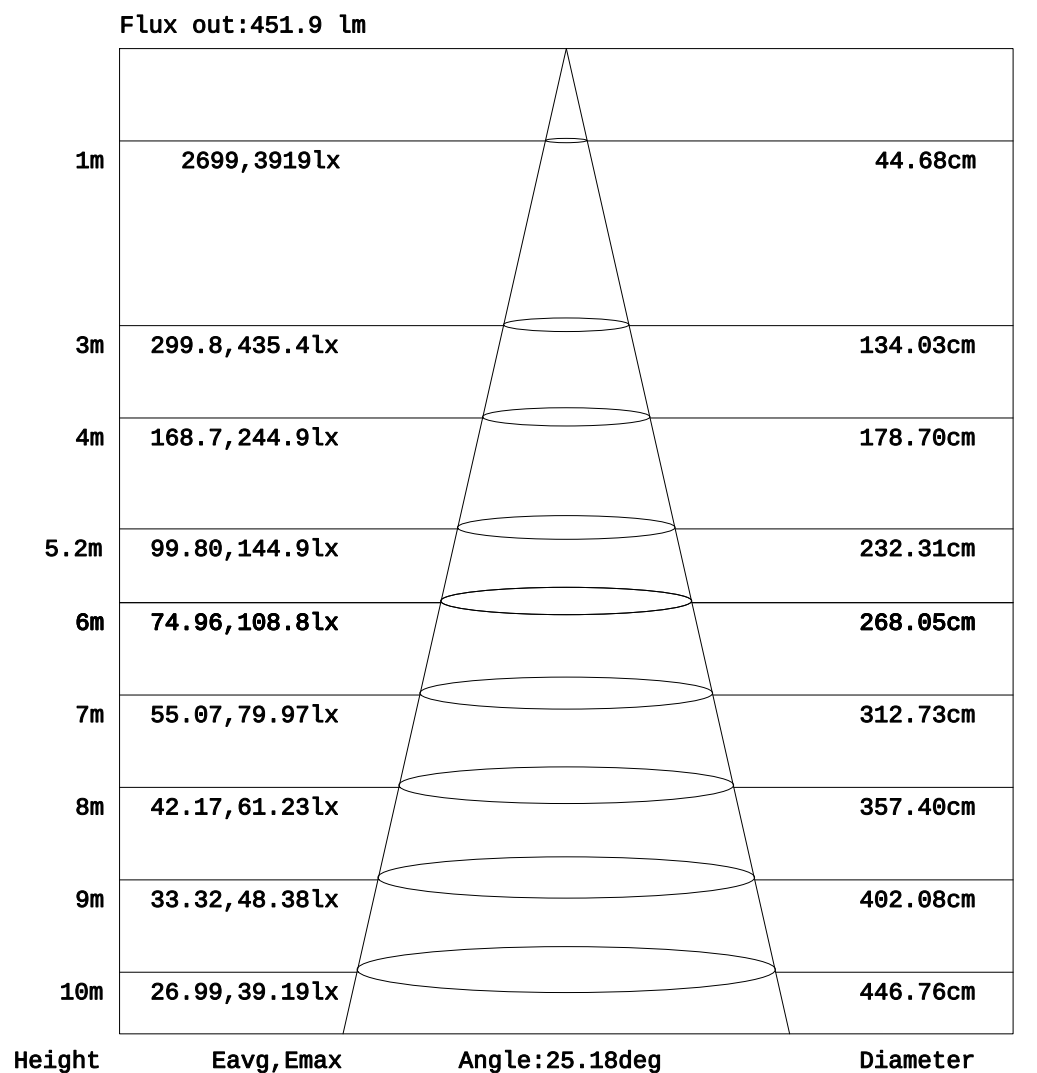


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 16 April 2020

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-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-11-940-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



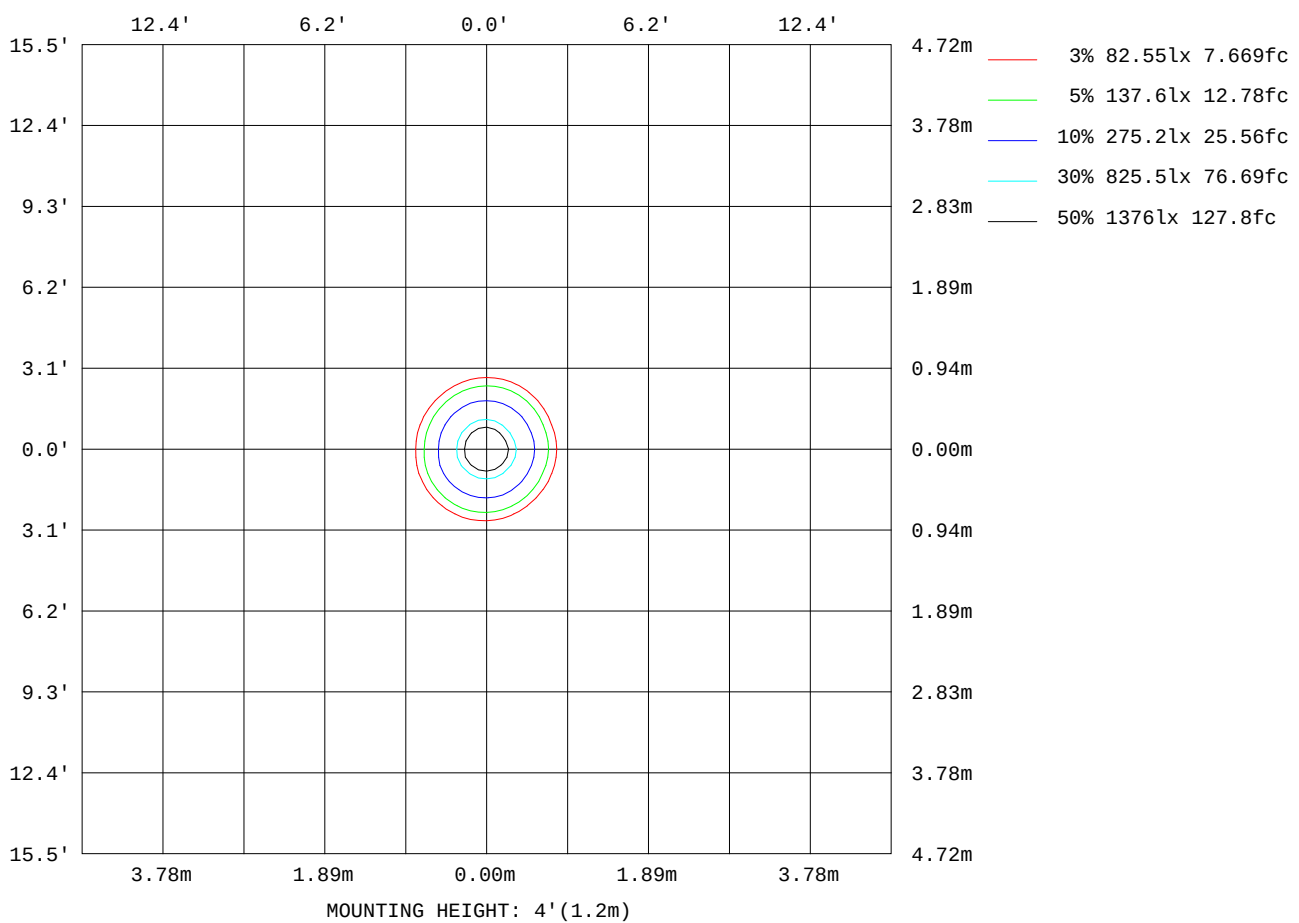
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 G0-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-11-940-25D-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 G0-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-11-940-25D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

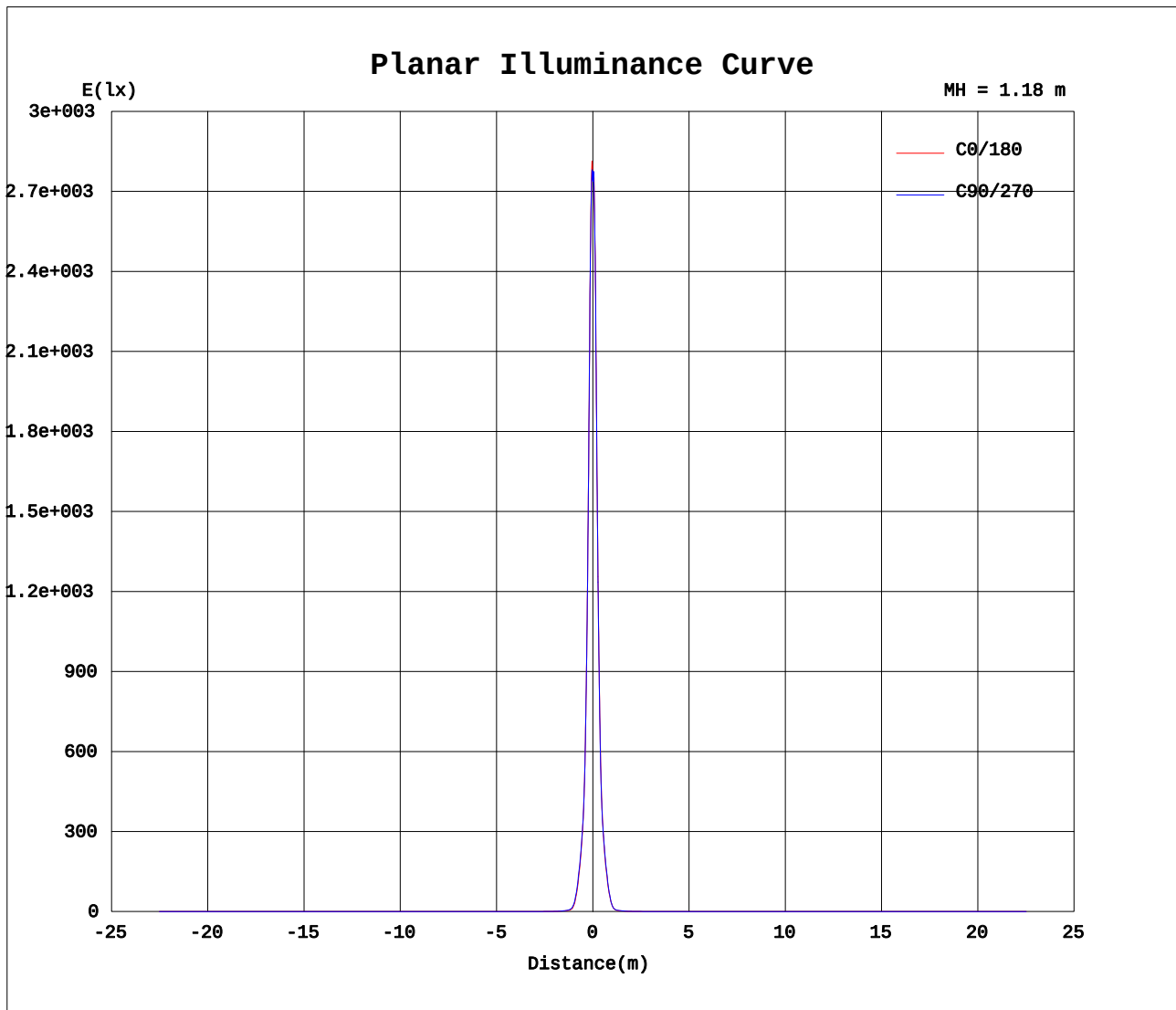
AvgL	cd/m2
L_0~180(65)av	80
L_0~180(75)av	65
L_0~180(85)av	40
L_90~270(65)av	81
L_90~270(75)av	65
L_90~270(85)av	33
L_45(65)av	84
L_45(75)av	66
L_45(85)av	40

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 G0-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 G0-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-11-940-25D-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	3832	3822	3816	3813	3814	3822	3822	3829	3832	3822	3816	3813	3814	3822	3822	3829			
5	3651	3630	3639	3632	3619	3636	3658	3669	3629	3634	3659	3649	3616	3569	3554	3529			
10	2531	2522	2509	2509	2529	2570	2625	2671	2538	2560	2588	2574	2515	2446	2371	2345			
15	1481	1478	1467	1477	1480	1510	1537	1569	1512	1512	1529	1522	1484	1440	1402	1376			
20	820	811	821	814	820	838	862	873	828	831	830	833	806	783	779	762			
25	531	522	526	539	550	555	562	566	538	536	540	540	541	534	532	516			
30	353	337	348	361	375	383	389	386	357	355	362	369	376	371	360	342			
35	194	189	189	200	217	228	229	225	206	208	206	212	217	217	203	187			
40	72.2	70.2	74.9	77.4	85.8	92.8	93.7	90.9	83.3	83.3	80.9	82.0	82.4	79.5	71.1	61.9			
45	25.7	27.6	30.9	32.0	34.7	34.2	31.9	29.4	28.2	28.9	29.9	32.1	30.1	27.2	24.3	22.2			
50	18.9	20.5	21.9	21.9	22.4	21.9	19.4	17.6	17.4	18.8	21.3	22.4	21.6	19.0	18.3	17.2			
55	15.5	16.1	15.4	15.2	15.4	16.4	15.8	15.1	14.2	14.4	16.1	15.9	15.9	14.7	15.0	14.5			
60	12.4	12.7	12.2	12.0	12.0	12.4	12.8	12.0	11.7	11.6	12.2	12.1	12.0	11.9	12.2	11.9			
65	10.4	10.6	10.4	10.5	10.4	10.8	11.4	10.4	10.0	9.97	10.6	10.5	10.4	10.3	10.5	10.3			
70	8.36	8.46	8.32	8.27	8.34	8.62	9.54	8.65	8.15	8.11	8.37	8.49	8.51	8.49	8.46	8.30			
75	4.95	4.91	4.83	4.87	5.09	5.50	5.83	5.59	5.29	5.25	5.20	5.18	5.05	4.98	4.86	4.80			
80	2.74	2.73	2.68	2.71	2.82	3.00	3.10	3.11	3.01	2.94	2.84	2.80	2.82	2.79	2.75	2.72			
85	0.87	0.86	0.86	0.70	0.70	1.15	1.26	1.30	1.26	1.20	1.14	1.07	1.03	1.02	0.97	0.92			
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	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01			
155	0.01	0.01	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	0.01			
160	0.01	0.01	0.01	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			
165	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	0.01			
170	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.01			
175	0.01	0.01	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			
180	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	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 G0-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