

Spectrum Test Report

Sample : BR30-10-927-DIM
Specification :
Sample No. :
Manufacturer : RAB Lighting Inc
Remark :
Device SN :

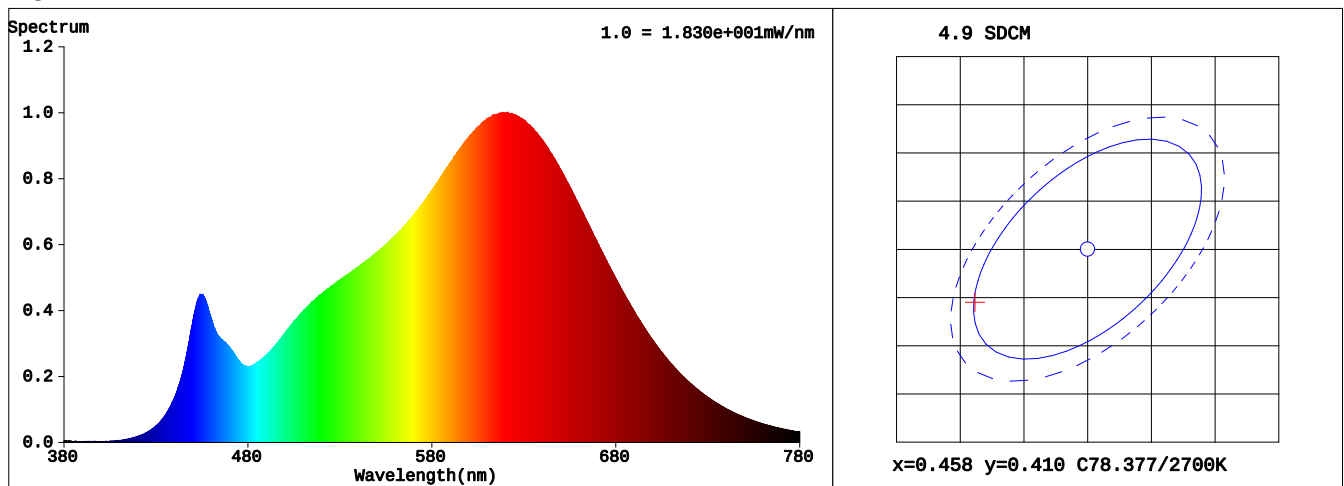
Date : 2020-02-27 13:30:20
Sam. Status :
Standard : LM-79-08
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

Temperature : 22.9Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 30.1%
IP : 52504 (80%)
T : 203 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4488$ $y = 0.4043$ / $u' = 0.2582$ $v' = 0.5233$ ($duv = -1.34e-03$)

CCT= 2811K Prpc WL: Ld=584.1nm Purity=56.1%

Peak WL: Lp=619nm FWHM: =147.6nm Ratio:R=25.7% G=71.5% B=2.8%

Render Index: Ra = 92.5

EEL: 0.13080 A+

R1 =93 R2 =98 R3 =97 R4 =92 R5 =93 R6 =97 R7 =90
R8 =79 R9 =56 R10=95 R11=94 R12=84 R13=95 R14=100 R15=89
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

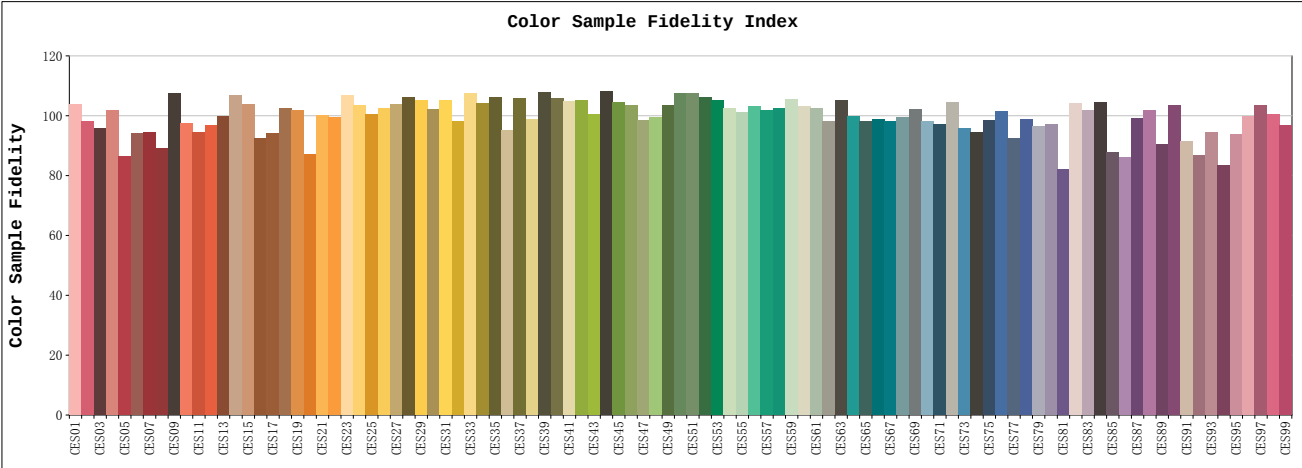
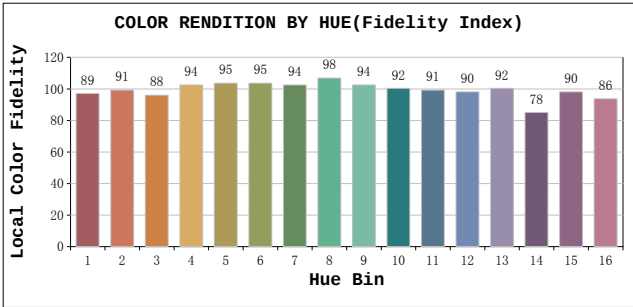
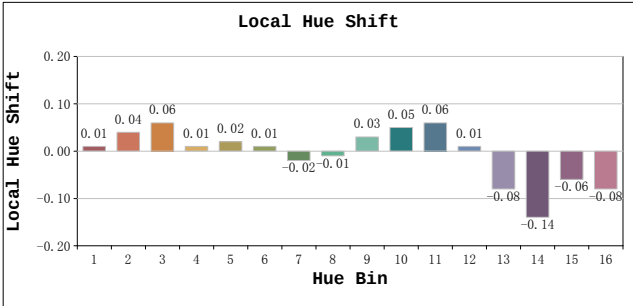
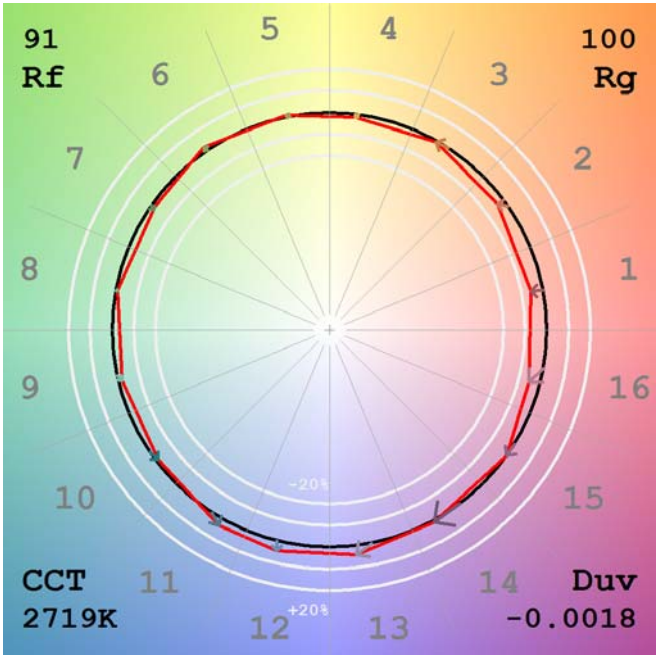
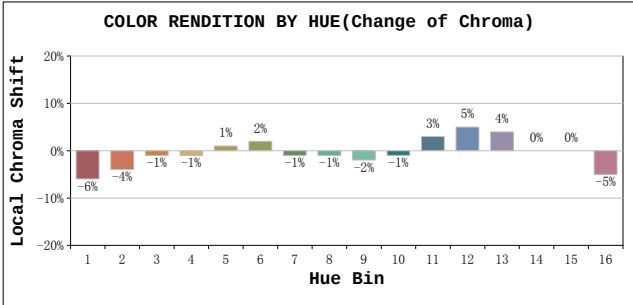
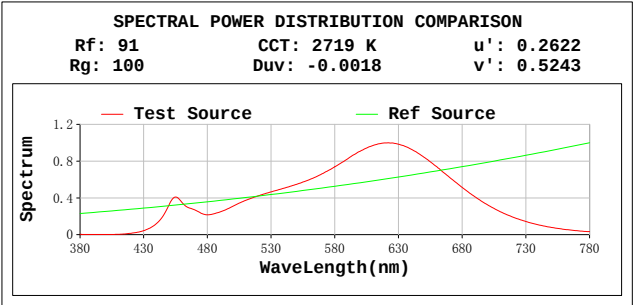
Flux = 862.71 lm Eff. : 96.82 lm/W Fe = 3.0058 W

Flux of emitted photons($\mu\text{mol/s}$):14.948 Fluo. and blue light ratio:11.05 Fluorescent eff.:295.0

Electrical parameters

V = 119.95 V I = 0.07790 A P = 8.910 W PF = 0.9535

TM30

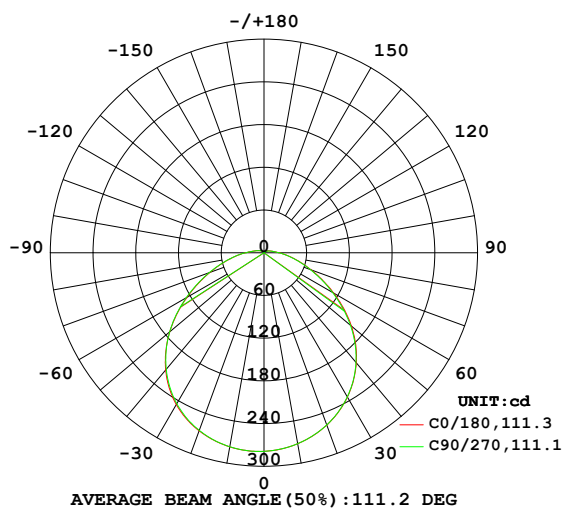


LUMINAIRE PHOTOMETRIC TEST REPORT

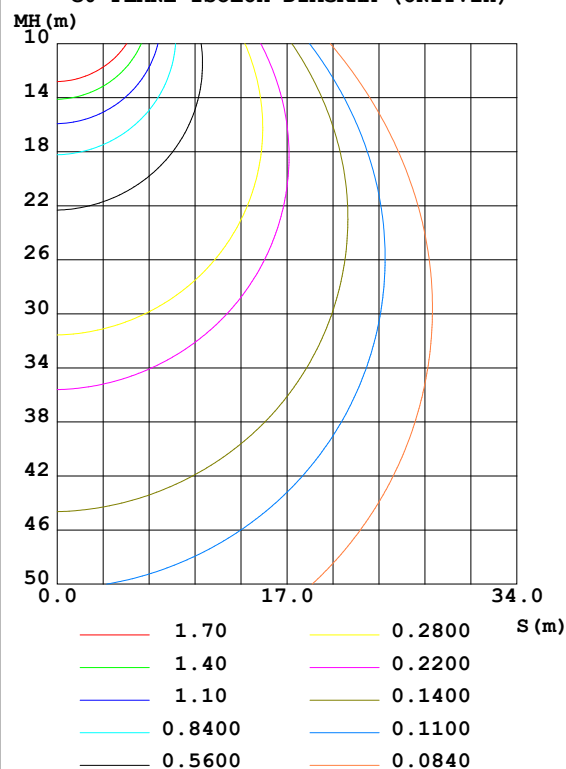
NAME: BR30-10-927-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 97.82 lm/W			
MODEL	BR30	Imax (cd)	279.5	S/MH (C0/180)	1.31
NOMINAL POWER (W)	9	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	869.60	η UP, DN (C0-180)	2.4, 45.9
NOMINAL FLUX (lm)	869.603	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.8, 48.9
LAMPS INSIDE	1	η up (%)	5.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	94.8	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 27.1DEG
 Operators:
 Test Date: 2020-02-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.900m [K=0.6239]
 Remarks:

ZONAL FLUX DIAGRAM

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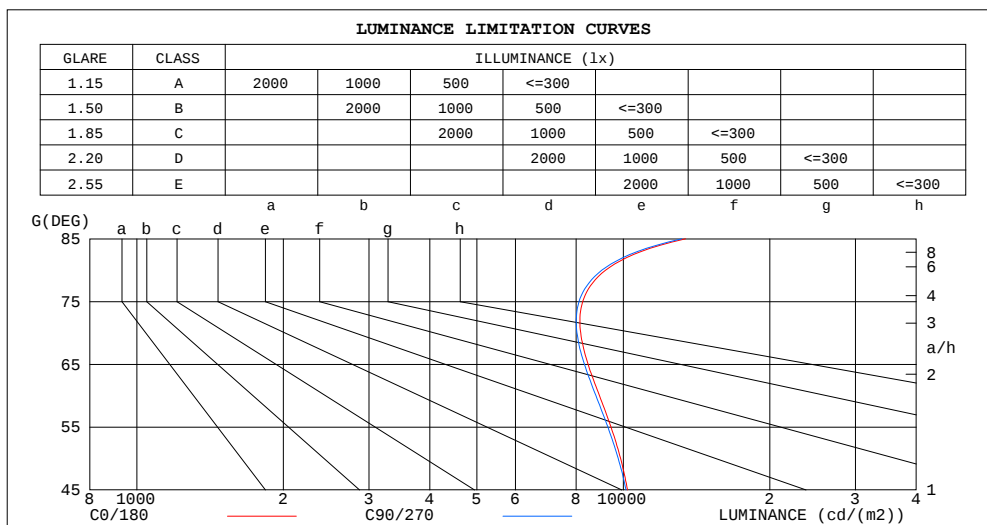
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	φ zone	φ total	%lum,lamp
5	276.7	276.1	276.7	277.9	279.0	279.3	278.9	277.8	0- 5	6.656	6.656	0.77,0.77
10	272.4	271.3	272.3	274.6	276.8	277.5	276.7	274.7	5- 10	19.76	26.41	3.04,3.04
15	266.1	264.3	265.9	269.4	272.6	273.5	272.3	269.5	10- 15	32.25	58.67	6.75,6.75
20	257.7	255.5	257.5	262.1	266.3	267.2	265.6	262.1	15- 20	43.76	102.4	11.8,11.8
25	247.0	244.4	246.9	252.5	257.5	258.7	256.6	252.4	20- 25	53.89	156.3	18,18
30	234.2	231.1	233.9	240.3	246.2	247.6	244.9	240.1	25- 30	62.25	218.6	25.1,25.1
35	219.1	215.7	218.6	225.4	231.9	233.7	230.5	225.2	30- 35	68.47	287.0	33,33
40	201.7	198.2	200.9	207.7	214.8	217.1	213.6	207.9	35- 40	72.22	359.3	41.3,41.3
45	182.1	178.4	180.9	187.4	194.9	197.7	194.4	188.4	40- 45	73.29	432.5	49.7,49.7
50	160.3	156.4	158.5	164.7	172.8	175.9	173.0	166.7	45- 50	71.56	504.1	58,58
55	136.7	132.7	134.7	140.8	148.9	152.3	149.9	143.5	50- 55	67.04	571.1	65.7,65.7
60	112.8	109.0	110.9	116.8	124.6	128.0	126.0	119.7	55- 60	60.23	631.4	72.6,72.6
65	90.35	86.93	88.79	94.34	101.6	104.6	102.9	97.03	60- 65	51.97	683.3	78.6,78.6
70	70.61	67.67	69.37	74.42	80.75	83.33	81.80	76.60	65- 70	43.24	726.6	83.6,83.6
75	53.93	51.51	53.01	57.50	62.92	64.95	63.59	59.29	70- 75	34.84	761.4	87.6,87.6
80	40.32	38.33	39.61	43.45	47.90	49.48	48.27	44.63	75- 80	27.24	788.7	90.7,90.7
85	29.54	28.00	29.03	32.16	35.69	36.88	35.85	32.93	80- 85	20.66	809.3	93.1,93.1
90	21.47	20.37	21.13	23.54	26.19	27.02	26.19	23.99	85- 90	15.28	824.6	94.8,94.8
95	15.93	15.17	15.69	17.41	19.25	19.77	19.13	17.67	90- 95	11.18	835.8	96.1,96.1
100	12.36	11.83	12.18	13.35	14.57	14.89	14.43	13.53	95-100	8.316	844.1	97.1,97.1
105	9.877	9.466	9.709	10.60	11.49	11.72	11.41	10.78	100-105	6.391	850.5	97.8,97.8
110	7.942	7.592	7.759	8.470	9.191	9.395	9.149	8.671	105-110	4.988	855.5	98.4,98.4
115	6.382	6.068	6.179	6.737	7.343	7.533	7.350	6.974	110-115	3.872	859.4	98.8,98.8
120	5.107	4.815	4.879	5.311	5.831	6.019	5.895	5.595	115-120	2.970	862.3	99.2,99.2
125	4.053	3.774	3.802	4.127	4.564	4.755	4.684	4.441	120-125	2.237	864.6	99.4,99.4
130	3.181	2.911	2.914	3.150	3.536	3.729	3.707	3.511	125-130	1.649	866.2	99.6,99.6
135	2.456	2.198	2.182	2.340	2.693	2.883	2.908	2.750	130-135	1.184	867.4	99.7,99.7
140	1.882	1.628	1.596	1.693	2.003	2.189	2.256	2.131	135-140	0.8254	868.2	99.8,99.8
145	1.420	1.171	1.125	1.172	1.444	1.621	1.724	1.630	140-145	0.5545	868.8	99.9,99.9
150	1.053	0.8096	0.7541	0.7640	0.9949	1.157	1.294	1.224	145-150	0.3550	869.1	99.9,99.9
155	0.7729	0.5434	0.4774	0.4610	0.6492	0.7947	0.9559	0.9080	150-155	0.2143	869.4	100,100
160	0.5770	0.3817	0.2942	0.2734	0.4104	0.5371	0.7043	0.6853	155-160	0.1224	869.5	100,100
165	0.4514	0.2960	0.2066	0.1921	0.2974	0.3923	0.5369	0.5466	160-165	0.0689	869.5	100,100
170	0.3540	0.2170	0.1404	0.1380	0.2332	0.3194	0.4269	0.4438	165-170	0.0387	869.6	100,100
175	0.1275	0.0539	0.0345	0.0309	0.0848	0.1325	0.2571	0.2601	170-175	0.0158	869.6	100,100
180	0	0	0	0	0.0005	0.0006	0.0007	0.0007	175-180	0.0012	869.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27.1DEG
Operators:
Test Date:2020-02-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity:24.3%
Test Distance:1.900m [K=0.6239]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: BR30-10-927-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	13416	13184
80	9193	9029
75	8249	8108
70	8173	8030
65	8464	8318
60	8934	8783
55	9435	9297
50	9874	9762
45	10197	10127

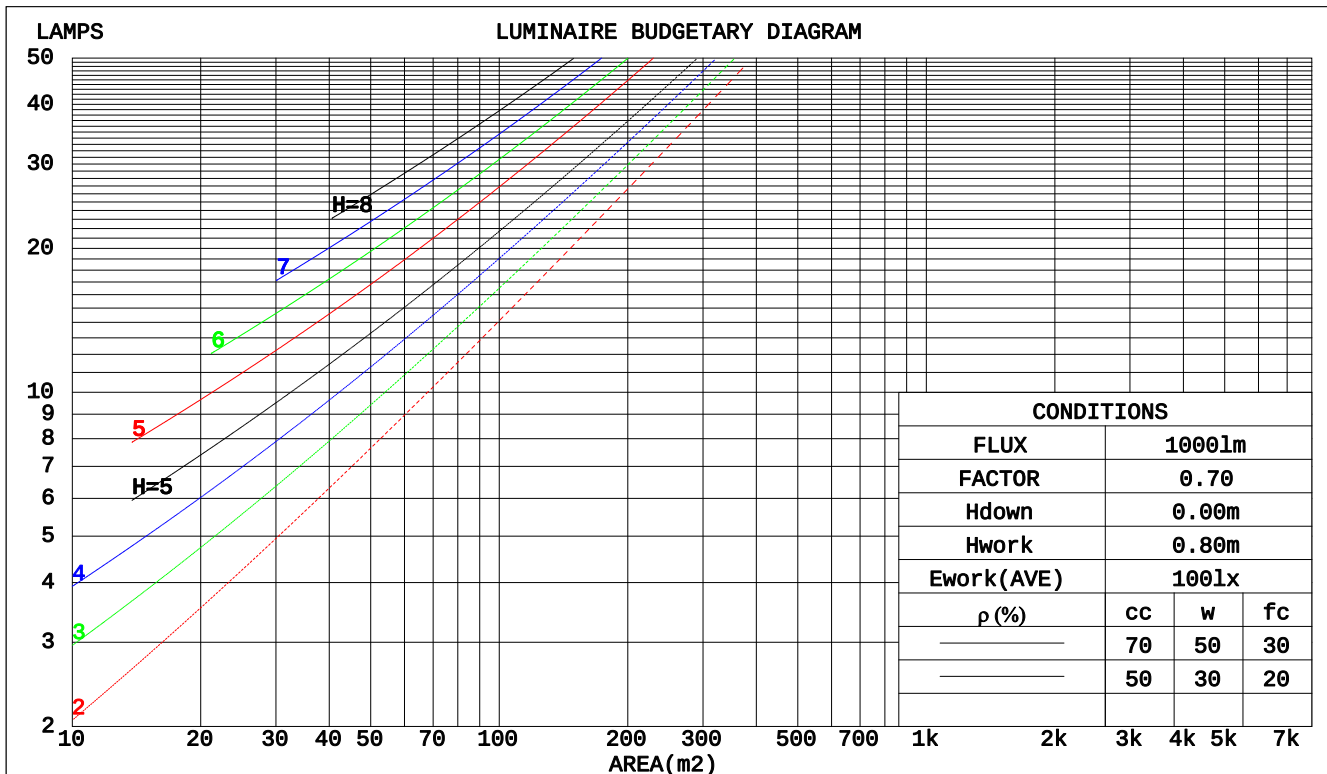
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-02-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6239]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: BR30-10-927-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	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1.0	1.01	.97	.93	.99	.94	.91	.93	.90	.87	.89	.86	.83	.84	.82	.80	.77
2.0	.88	.81	.75	.86	.79	.74	.81	.76	.71	.77	.73	.69	.74	.70	.67	.64
3.0	.77	.69	.62	.75	.68	.61	.72	.65	.60	.68	.63	.58	.65	.60	.56	.54
4.0	.68	.60	.53	.67	.58	.52	.64	.56	.51	.61	.55	.50	.58	.53	.48	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.54	.48	.43	.52	.46	.42	.40
6.0	.55	.46	.40	.54	.45	.39	.51	.44	.38	.49	.43	.38	.47	.41	.37	.35
7.0	.50	.41	.35	.49	.40	.35	.47	.39	.34	.45	.38	.33	.43	.37	.33	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.41	.35	.30	.40	.34	.29	.27
9.0	.42	.33	.28	.41	.33	.28	.39	.32	.27	.38	.31	.27	.37	.31	.26	.25
10.0	.38	.31	.25	.38	.30	.25	.36	.29	.25	.35	.29	.24	.34	.28	.24	.22



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 27.1DEG
 Operators:
 Test Date: 2020-02-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.900m [K=0.6239]
 Remarks:

WEC AND CCEC

NAME: BR30-10-927-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	.332	.189	.060	.323	.184	.059	.307	.176	.056	.292	.168	.054	.278	.161	.052		
2.0	.301	.165	.051	.294	.162	.050	.279	.155	.048	.266	.149	.047	.253	.143	.045		
3.0	.275	.146	.044	.268	.143	.043	.255	.138	.042	.243	.133	.041	.232	.128	.040		
4.0	.252	.131	.038	.246	.128	.038	.234	.124	.037	.223	.120	.036	.213	.116	.035		
5.0	.232	.118	.034	.226	.116	.034	.216	.112	.033	.206	.109	.032	.197	.105	.032		
6.0	.214	.107	.031	.209	.106	.030	.200	.102	.030	.191	.099	.029	.183	.096	.029		
7.0	.199	.098	.028	.195	.097	.028	.186	.094	.027	.178	.091	.027	.171	.089	.026		
8.0	.186	.091	.025	.182	.089	.025	.174	.087	.025	.167	.084	.024	.160	.082	.024		
9.0	.174	.084	.023	.170	.083	.023	.163	.081	.023	.157	.079	.022	.150	.076	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.075	.021	.148	.073	.021	.142	.071	.020		

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	.230	.230	.230	.196	.196	.196	.134	.134	.134	.077	.077	.077	.025	.025	.025	
1.0	.222	.196	.172	.190	.168	.148	.130	.116	.103	.075	.067	.060	.024	.022	.019	
2.0	.214	.172	.137	.183	.148	.118	.125	.102	.083	.072	.060	.048	.023	.019	.016	
3.0	.206	.155	.114	.176	.133	.099	.121	.093	.069	.070	.054	.041	.022	.018	.013	
4.0	.198	.141	.098	.170	.122	.085	.117	.085	.060	.068	.050	.036	.022	.016	.012	
5.0	.190	.131	.088	.163	.113	.076	.113	.079	.054	.065	.047	.032	.021	.015	.011	
6.0	.183	.123	.080	.157	.106	.069	.109	.075	.049	.063	.044	.029	.020	.014	.010	
7.0	.176	.116	.074	.152	.101	.064	.105	.071	.046	.061	.042	.027	.020	.014	.009	
8.0	.170	.110	.070	.146	.096	.061	.101	.067	.043	.059	.040	.026	.019	.013	.008	
9.0	.164	.105	.066	.141	.092	.058	.098	.064	.041	.057	.038	.024	.018	.012	.008	
10.0	.158	.101	.063	.136	.088	.055	.094	.062	.039	.055	.037	.023	.018	.012	.008	

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C Interval: 22.5DEG
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Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6239]
Remarks:

UGR(Unified Glare Rating) Table

NAME: BR30-10-927-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	20.5	21.9	20.8	22.2	22.5	20.4	21.8	20.7	22.1	22.4	
3H	21.9	23.2	22.3	23.6	23.9	21.8	23.2	22.2	23.5	23.8	
4H	22.6	23.8	22.9	24.2	24.5	22.5	23.8	22.9	24.1	24.5	
6H	23.2	24.4	23.6	24.8	25.2	23.1	24.3	23.5	24.7	25.1	
8H	23.6	24.7	24.0	25.1	25.5	23.5	24.6	23.9	25.0	25.4	
12H	23.9	25.1	24.4	25.4	25.9	23.8	25.0	24.3	25.4	25.8	
4H 2H	21.0	22.2	21.3	22.6	23.0	20.9	22.2	21.3	22.5	22.9	
3H	22.6	23.7	23.0	24.1	24.5	22.5	23.7	23.0	24.0	24.5	
4H	23.4	24.4	23.9	24.9	25.3	23.3	24.4	23.8	24.8	25.2	
6H	24.3	25.2	24.7	25.6	26.1	24.2	25.1	24.6	25.5	26.0	
8H	24.7	25.5	25.2	26.0	26.5	24.6	25.5	25.1	25.9	26.4	
12H	25.2	26.0	25.7	26.5	27.0	25.1	25.9	25.6	26.4	26.9	
8H 4H	23.7	24.6	24.2	25.0	25.5	23.6	24.5	24.1	25.0	25.5	
6H	24.8	25.5	25.3	26.0	26.5	24.7	25.4	25.2	25.9	26.4	
8H	25.4	26.0	25.9	26.5	27.1	25.3	25.9	25.8	26.4	27.0	
12H	26.0	26.6	26.6	27.1	27.7	26.0	26.5	26.5	27.0	27.6	
12H 4H	23.7	24.5	24.3	25.0	25.5	23.7	24.5	24.2	25.0	25.5	
6H	24.9	25.5	25.4	26.0	26.6	24.8	25.5	25.4	26.0	26.5	
8H	25.6	26.1	26.1	26.6	27.2	25.5	26.0	26.0	26.6	27.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					

CIE Pub.117, 869.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.5)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-02-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6239]
Remarks:

UTILIZATION FACTORS TABLE

NAME: BR30-10-927-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

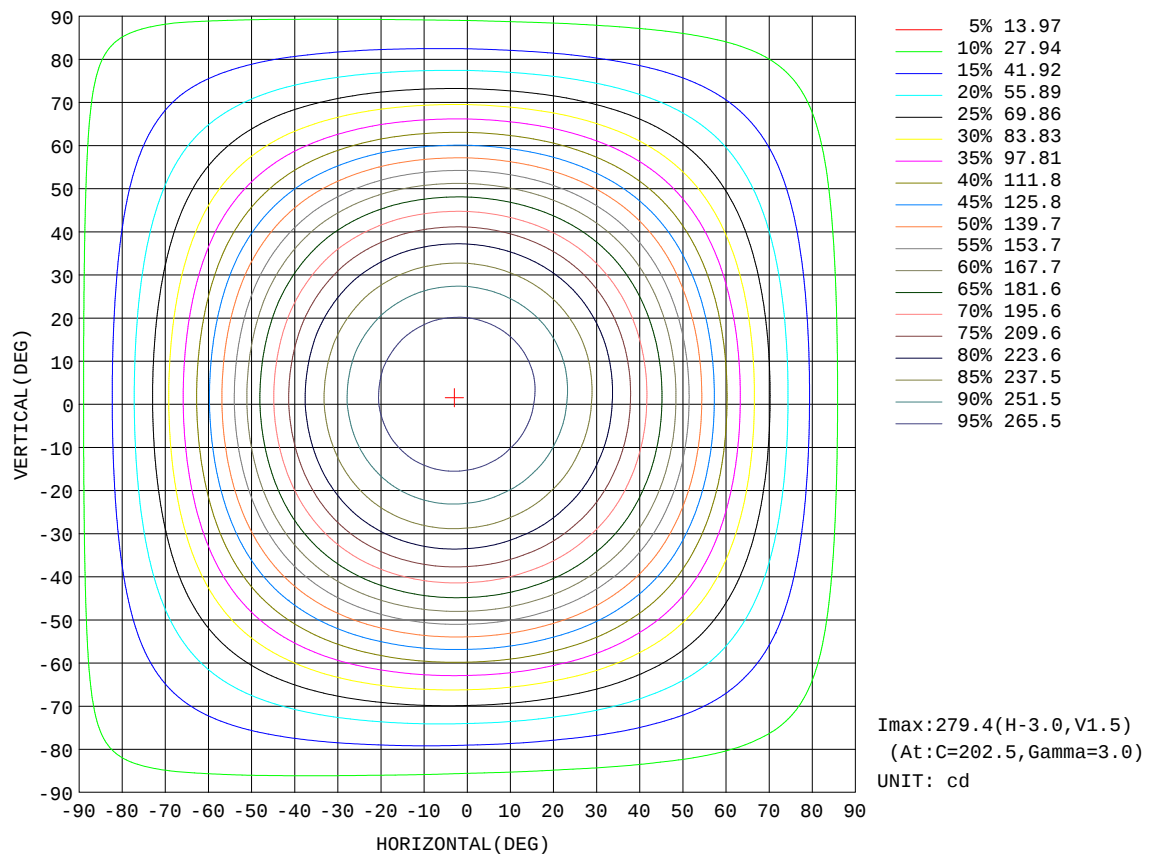
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	55	44	37	55	43	36	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	73	62	54	72	61	54	69	62	53	46
1.25	80	69	62	79	68	61	76	67	60	53
1.50	85	75	67	83	74	67	80	72	65	57
2.00	92	83	76	90	81	75	86	79	73	64
2.50	96	88	81	94	86	80	89	83	78	68
3.00	99	92	86	97	90	84	92	86	82	72
4.00	104	97	92	101	95	90	96	91	87	77
5.00	106	101	96	103	98	94	98	94	90	80
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: 27.1DEG
Operators:
Test Date: 2020-02-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6239]
Remarks:

ISOCANDELA DIAGRAM

NAME: BR30-10-927-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

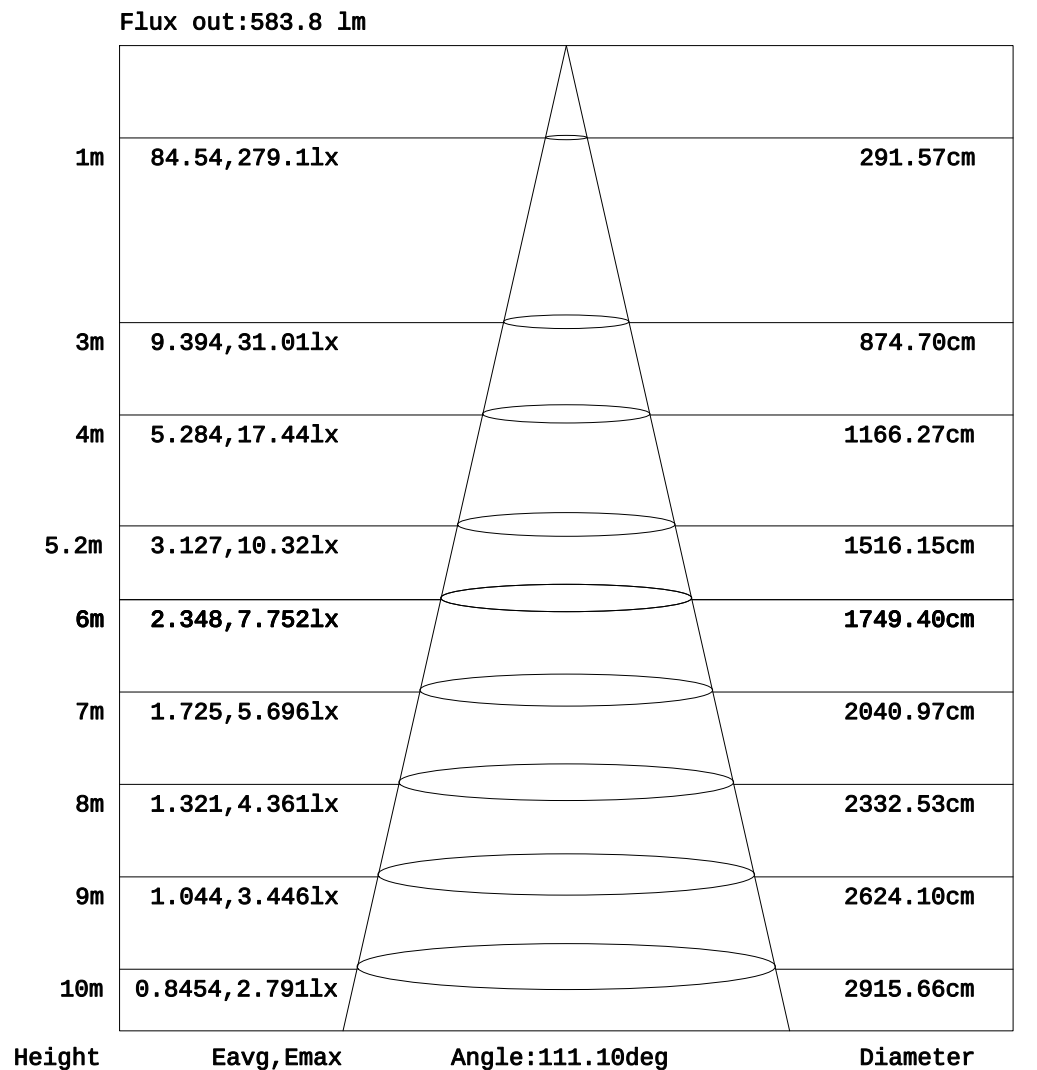


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-02-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6239]
Remarks:

AAI Figure

NAME: BR30-10-927-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



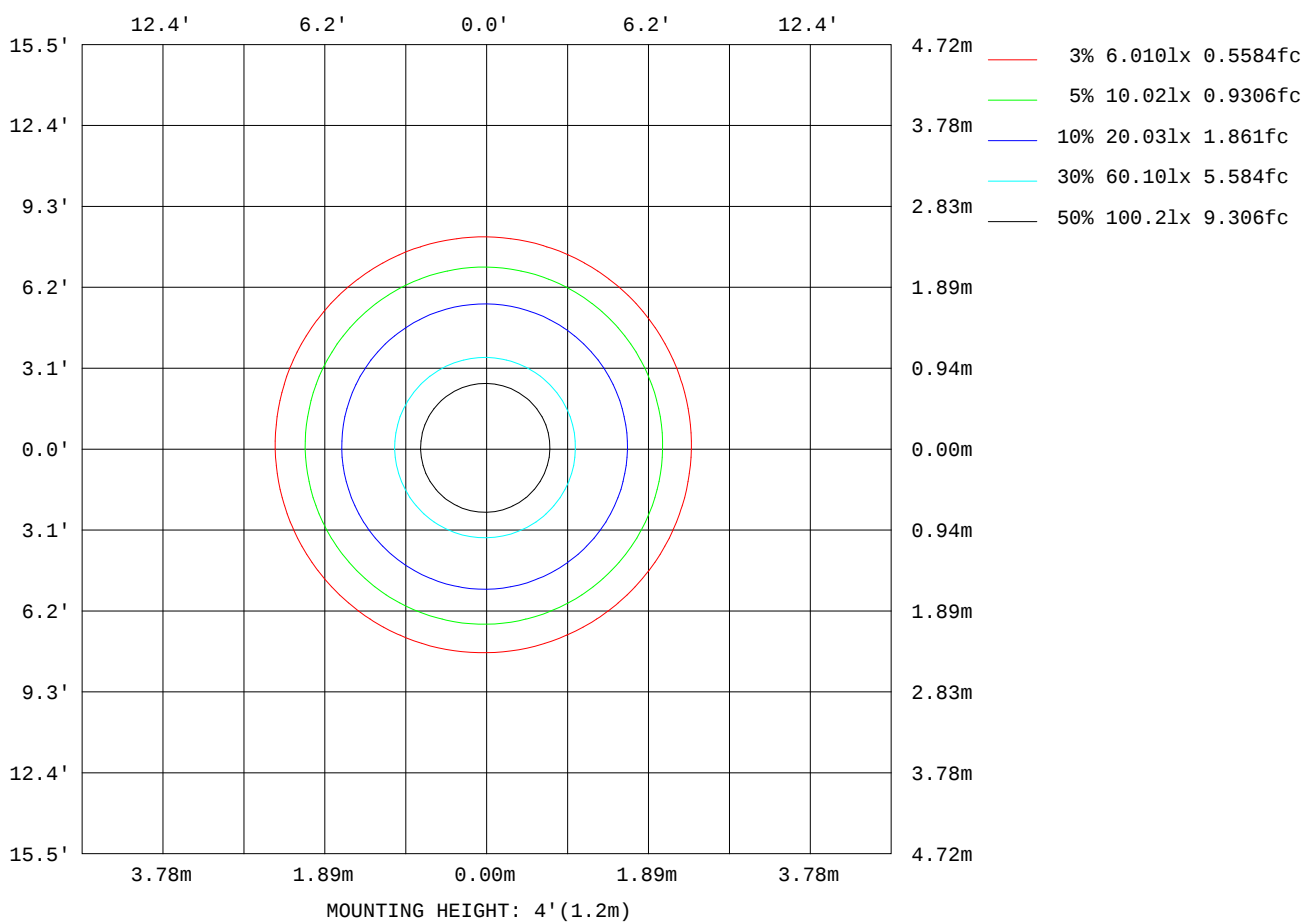
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 27.1DEG
 Operators:
 Test Date: 2020-02-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 24.3%
 Test Distance: 1.900m [K=0.6239]
 Remarks:

ISOLUX DIAGRAM

NAME: BR30-10-927-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: 27.1DEG
Operators:
Test Date: 2020-02-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6239]
Remarks:

LED Avg.L Report

NAME: BR30-10-927-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

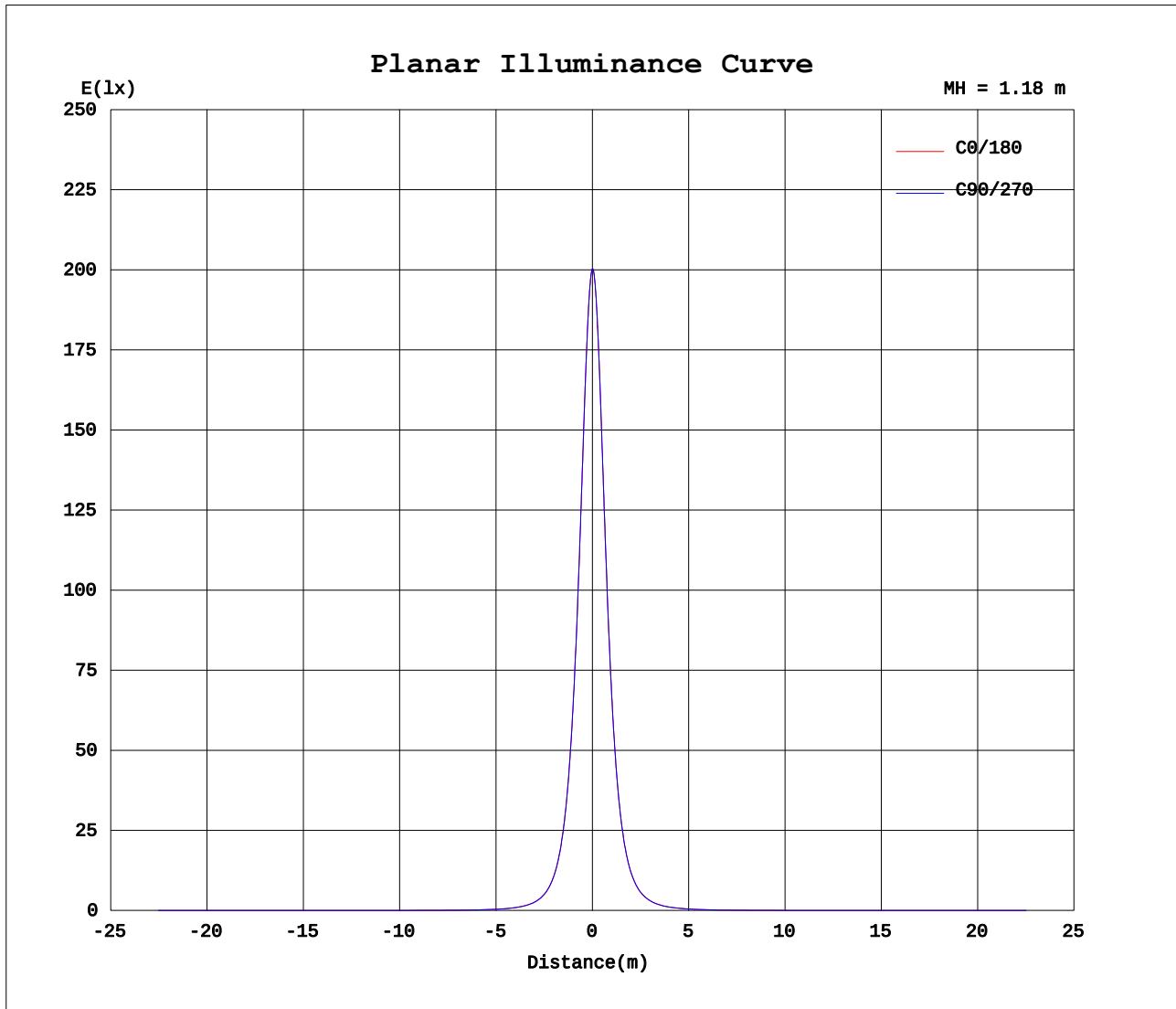
AvgL	cd/m2
L_0~180 (65) av	8988
L_0~180 (75) av	8937
L_0~180 (85) av	14813
L_90~270 (65) av	8978
L_90~270 (75) av	8917
L_90~270 (85) av	14733
L_45 (65) av	8968
L_45 (75) av	8919
L_45 (85) av	14760

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-02-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6239]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-02-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6239]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BR30-10-927-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	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279			
5	277	276	276	276	277	277	278	279	279	279	279	279	279	278	278	277			
10	272	272	271	272	272	273	275	276	277	277	278	277	277	276	275	274			
15	266	265	264	265	266	268	269	271	273	273	274	273	272	271	269	268			
20	258	256	255	256	258	260	262	264	266	267	267	267	266	264	262	260			
25	247	245	244	245	247	250	252	255	258	259	259	258	257	254	252	250			
30	234	232	231	232	234	237	240	243	246	248	248	247	245	242	240	237			
35	219	217	216	216	219	222	225	229	232	234	234	233	231	228	225	222			
40	202	199	198	199	201	204	208	211	215	217	217	216	214	211	208	205			
45	182	180	178	179	181	184	187	191	195	197	198	197	194	191	188	185			
50	160	158	156	157	159	161	165	169	173	175	176	175	173	170	167	163			
55	137	134	133	133	135	137	141	145	149	151	152	152	150	147	143	140			
60	113	111	109	109	111	114	117	121	125	127	128	128	126	123	120	116			
65	90.4	88.2	86.9	87.2	88.8	91.2	94.3	97.8	102	104	105	104	103	100	97.0	93.4			
70	70.6	68.8	67.7	68.0	69.4	71.6	74.4	77.5	80.7	82.7	83.3	83.0	81.8	79.6	76.6	73.3			
75	53.9	52.4	51.5	51.8	53.0	55.0	57.5	60.2	62.9	64.5	64.9	64.7	63.6	61.8	59.3	56.3			
80	40.3	39.0	38.3	38.6	39.6	41.3	43.5	45.7	47.9	49.2	49.5	49.2	48.3	46.7	44.6	42.4			
85	29.5	28.5	28.0	28.1	29.0	30.4	32.2	34.0	35.7	36.7	36.9	36.6	35.8	34.6	32.9	31.1			
90	21.5	20.7	20.4	20.5	21.1	22.2	23.5	25.0	26.2	26.9	27.0	26.7	26.2	25.3	24.0	22.7			
95	15.9	15.4	15.2	15.2	15.7	16.5	17.4	18.4	19.2	19.7	19.8	19.5	19.1	18.5	17.7	16.7			
100	12.4	12.0	11.8	11.9	12.2	12.7	13.4	14.0	14.6	14.9	14.9	14.7	14.4	14.1	13.5	12.9			
105	9.88	9.60	9.47	9.49	9.71	10.1	10.6	11.1	11.5	11.7	11.7	11.6	11.4	11.1	10.8	10.3			
110	7.94	7.71	7.59	7.60	7.76	8.09	8.47	8.84	9.19	9.39	9.40	9.28	9.15	8.94	8.67	8.31			
115	6.38	6.17	6.07	6.06	6.18	6.43	6.74	7.05	7.34	7.52	7.53	7.45	7.35	7.18	6.97	6.69			
120	5.11	4.91	4.82	4.80	4.88	5.07	5.31	5.58	5.83	5.99	6.02	5.97	5.90	5.76	5.59	5.36			
125	4.05	3.87	3.77	3.74	3.80	3.93	4.13	4.36	4.56	4.72	4.76	4.74	4.68	4.57	4.44	4.26			
130	3.18	3.00	2.91	2.87	2.91	3.00	3.15	3.35	3.54	3.68	3.73	3.74	3.71	3.61	3.51	3.36			
135	2.46	2.28	2.20	2.16	2.18	2.22	2.34	2.52	2.69	2.82	2.88	2.93	2.91	2.83	2.75	2.63			
140	1.88	1.72	1.63	1.58	1.60	1.61	1.69	1.85	2.00	2.12	2.19	2.26	2.26	2.19	2.13	2.03			
145	1.42	1.27	1.17	1.12	1.12	1.11	1.17	1.31	1.44	1.54	1.62	1.71	1.72	1.67	1.63	1.55			
150	1.05	0.92	0.81	0.76	0.75	0.73	0.76	0.88	0.99	1.07	1.16	1.26	1.29	1.26	1.22	1.17			
155	0.77	0.66	0.54	0.48	0.48	0.44	0.46	0.55	0.65	0.70	0.79	0.91	0.96	0.94	0.91	0.87			
160	0.58	0.49	0.38	0.31	0.29	0.27	0.27	0.33	0.41	0.44	0.54	0.64	0.70	0.71	0.69	0.66			
165	0.45	0.39	0.30	0.23	0.21	0.19	0.19	0.22	0.30	0.31	0.39	0.48	0.54	0.55	0.55	0.52			
170	0.35	0.31	0.22	0.15	0.14	0.13	0.14	0.16	0.23	0.24	0.32	0.38	0.43	0.45	0.44	0.43			
175	0.13	0.08	0.05	0.03	0.03	0.03	0.03	0.04	0.08	0.09	0.13	0.19	0.26	0.29	0.26	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			

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