

Spectrum Test Report

Sample : BR30-10-950-DIM
Specification :
Sample No. :
Manufacturer : RAB Lighting Inc
Remark :
Device SN :

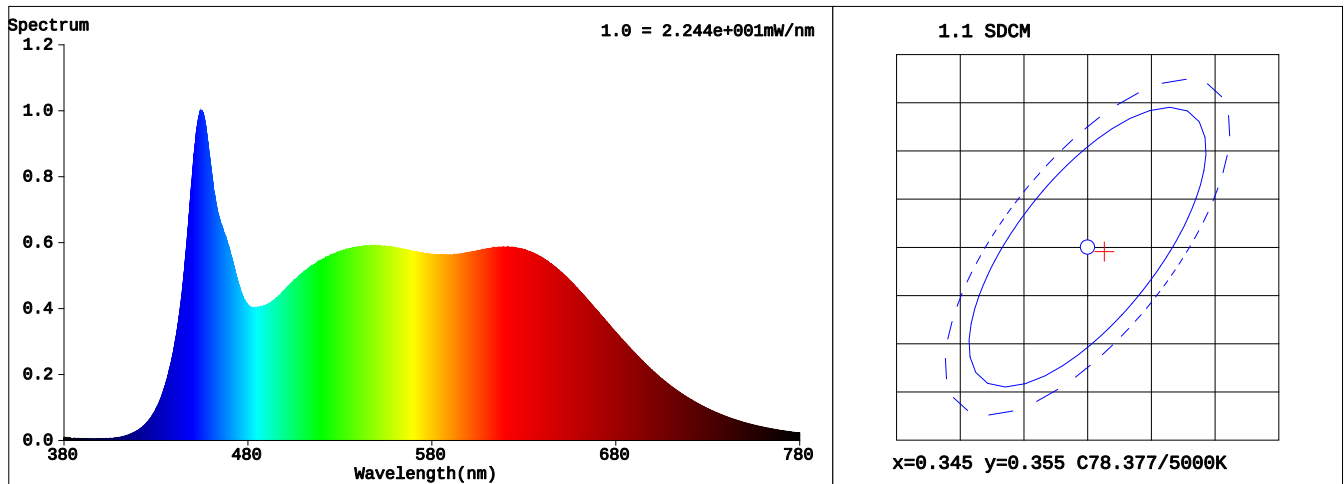
Date : 2020-02-27 16:10:46
Sam. Status :
Standard : LM-79-08
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

Temperature : 23.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 30.1%
IP : 44877 (68%)
T : 241 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3460$ $y = 0.3546$ / $u' = 0.2108$ $v' = 0.4863$ ($duv=1.15e-03$)

CCT= 4979K Prcp WL: Ld=571.9nm Purity=10.2%

Peak WL: Lp=455nm FWHM: =28.5nm Ratio:R=17.7% G=76.5% B=5.7%

Render Index: Ra = 95.3

EEL: 0.12587 A+

R1 =97 R2 =99 R3 =98 R4 =92 R5 =94 R6 =95 R7 =94
R8 =93 R9 =88 R10=96 R11=94 R12=68 R13=98 R14=99 R15=94
LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

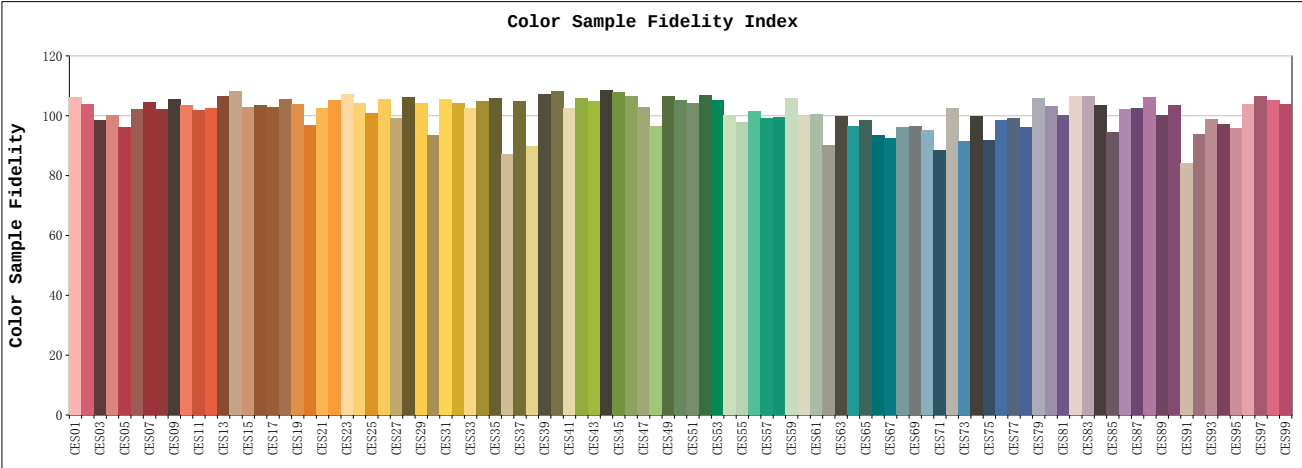
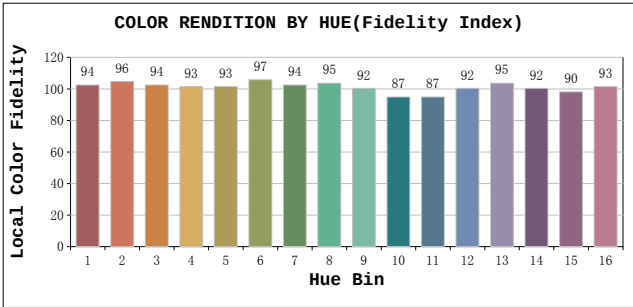
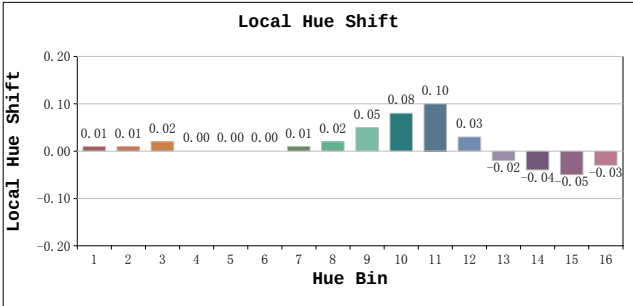
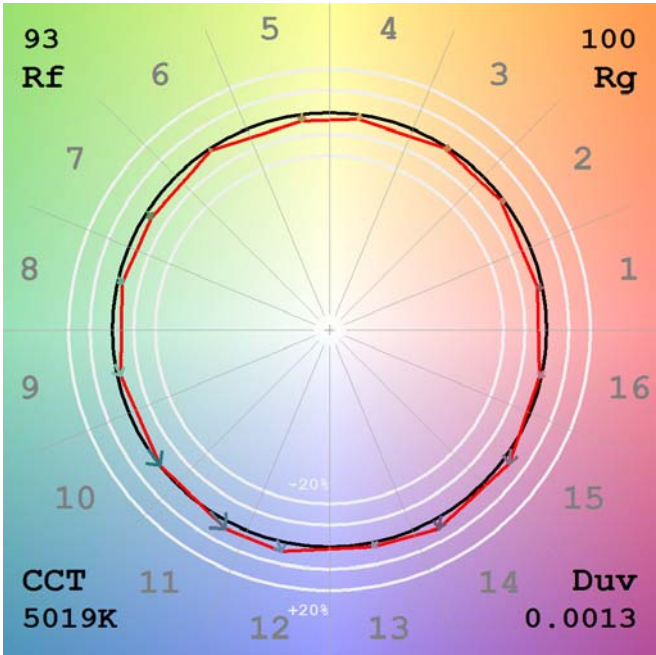
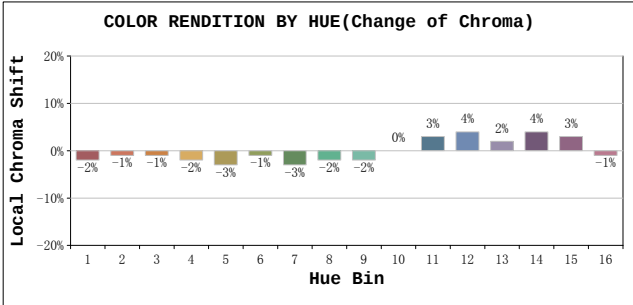
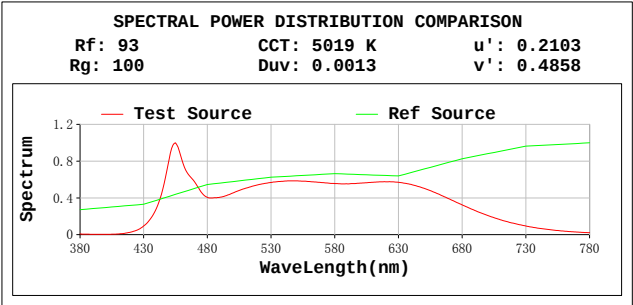
Flux = 917.00 lm Eff. : 101.78 lm/W Fe = 3.2838 W

Flux of emitted photons($\mu\text{mol/s}$):15.521 Fluo. and blue light ratio:3.871 Fluorescent eff.:276.6

Electrical parameters

V = 119.94 V I = 0.07870 A P = 9.010 W PF = 0.9545

TM30

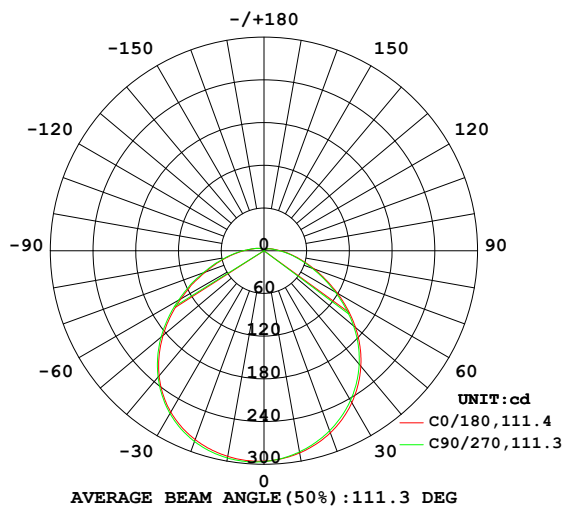


LUMINAIRE PHOTOMETRIC TEST REPORT

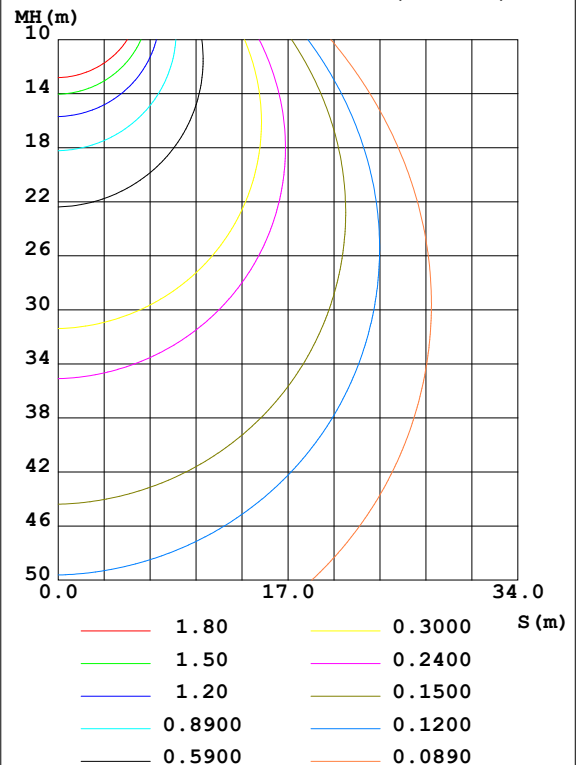
NAME: BR30-10-950-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.41 lm/W			
MODEL	BR30	Imax (cd)	297.1	S/MH (C0/180)	1.31
NOMINAL POWER (W)	9	LOR (%)	100.0	S/MH (C90/270)	1.32
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	928.65	η UP, DN (C0-180)	2.5, 45.0
NOMINAL FLUX (lm)	928.651	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.9, 49.6
LAMPS INSIDE	1	η up (%)	5.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	94.6	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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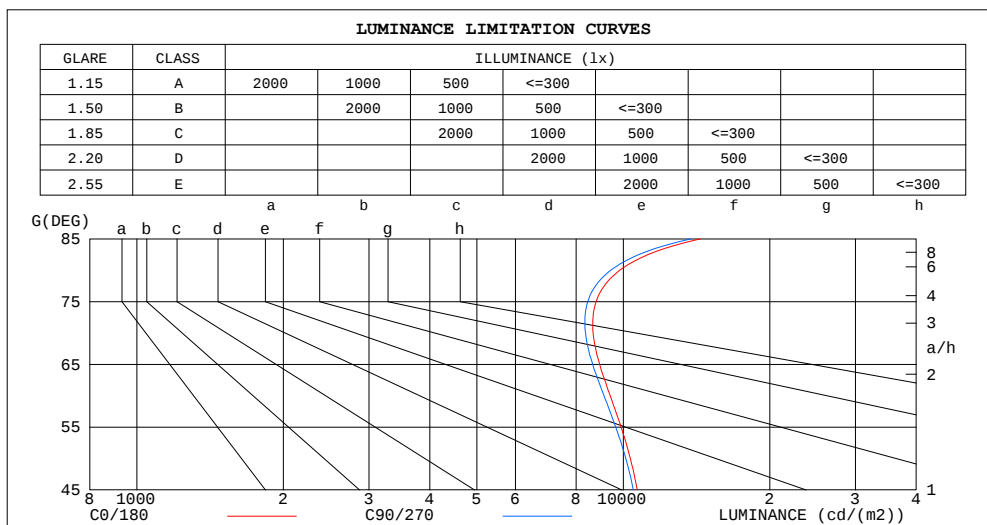
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum,lamp
5	293.0	291.8	292.7	294.5	295.6	296.7	297.1	295.9	0- 5	7.061	7.061	0.76,0.76
10	288.3	285.9	286.9	290.3	293.3	295.4	295.5	293.1	5- 10	20.96	28.02	3.02,3.02
15	281.4	277.8	279.0	284.1	288.9	291.8	291.6	287.9	10- 15	34.20	62.22	6.7,6.7
20	272.2	267.5	269.1	275.6	282.3	285.7	285.2	280.3	15- 20	46.37	108.6	11.7,11.7
25	260.6	255.1	257.1	265.1	273.4	277.3	276.0	270.0	20- 25	57.08	165.7	17.8,17.8
30	246.6	240.7	242.9	252.0	261.7	266.1	264.1	256.9	25- 30	65.91	231.6	24.9,24.9
35	230.2	224.1	226.5	236.3	247.0	251.8	249.1	241.1	30- 35	72.50	304.1	32.7,32.7
40	211.6	205.7	208.0	217.8	229.2	234.5	231.4	222.8	35- 40	76.50	380.6	41.4,41
45	190.8	185.2	187.3	196.7	208.3	214.3	211.2	202.1	40- 45	77.71	458.3	49.4,49.4
50	167.9	162.4	164.3	173.3	185.1	191.6	188.7	179.3	45- 50	76.01	534.3	57.5,57.5
55	143.4	137.9	139.8	148.4	160.1	166.8	164.0	154.8	50- 55	71.41	605.7	65.2,65.2
60	118.7	113.4	115.2	123.3	134.5	141.0	138.6	129.6	55- 60	64.36	670.1	72.2,72.2
65	95.44	90.58	92.35	99.85	111.5	116.0	114.6	105.6	60- 65	55.75	725.8	78.2,78.2
70	74.87	70.63	72.25	78.91	87.77	92.95	90.91	83.68	65- 70	46.59	772.4	83.2,83.2
75	57.49	53.89	55.25	61.01	69.55	72.78	71.75	64.87	70- 75	37.66	810.1	87.2,87.2
80	43.12	40.24	41.31	46.11	52.27	55.70	54.17	49.12	75- 80	29.53	839.6	90.4,90.4
85	31.73	29.51	30.35	34.14	38.94	41.66	40.37	36.38	80- 85	22.45	862.1	92.8,92.8
90	23.17	21.62	22.18	25.11	28.57	30.62	29.59	26.57	85- 90	16.66	878.7	94.6,94.6
95	17.26	16.22	16.59	18.56	21.05	22.48	21.69	19.62	90- 95	12.23	891.0	95.9,95.9
100	13.45	12.75	12.99	14.37	16.03	16.99	16.42	15.05	95-100	9.137	900.1	96.9,96.9
105	10.80	10.27	10.44	11.49	12.70	13.40	12.98	12.00	100-105	7.053	907.1	97.7,97.7
110	8.710	8.307	8.421	9.222	10.19	10.74	10.42	9.657	105-110	5.526	912.7	98.3,98.3
115	7.023	6.708	6.789	7.387	8.174	8.603	8.375	7.765	110-115	4.306	917.0	98.7,98.7
120	5.635	5.388	5.447	5.891	6.532	6.868	6.713	6.227	115-120	3.318	920.3	99.1,99.1
125	4.486	4.286	4.324	4.646	5.169	5.446	5.351	4.946	120-125	2.517	922.8	99.4,99.4
130	3.537	3.374	3.397	3.621	4.037	4.250	4.218	3.905	125-130	1.868	924.7	99.6,99.6
135	2.756	2.617	2.624	2.776	3.106	3.283	3.306	3.058	130-135	1.356	926.0	99.7,99.7
140	2.122	2.017	2.014	2.078	2.343	2.486	2.560	2.367	135-140	0.9569	927.0	99.8,99.8
145	1.616	1.527	1.517	1.514	1.718	1.832	1.952	1.810	140-145	0.6534	927.6	99.9,99.9
150	1.214	1.133	1.121	1.060	1.209	1.295	1.453	1.362	145-150	0.4272	928.1	99.9,99.9
155	0.9088	0.8331	0.8100	0.7158	0.8110	0.8681	1.059	1.016	150-155	0.2650	928.3	100,100
160	0.6938	0.6271	0.5731	0.4788	0.5200	0.5580	0.7572	0.7629	155-160	0.1560	928.5	100,100
165	0.5529	0.4960	0.4033	0.3425	0.3489	0.3950	0.5507	0.5862	160-165	0.0883	928.6	100,100
170	0.4322	0.3788	0.2591	0.2406	0.2479	0.2948	0.4066	0.4434	165-170	0.0477	928.6	100,100
175	0.2114	0.0965	0.0826	0.0718	0.1137	0.1409	0.1880	0.1984	170-175	0.0187	928.6	100,100
180	0.0007	0.0006	0.0005	0	0.0003	0.0007	0.0007	0.0006	175-180	0.0012	928.7	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: BR30-10-950-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



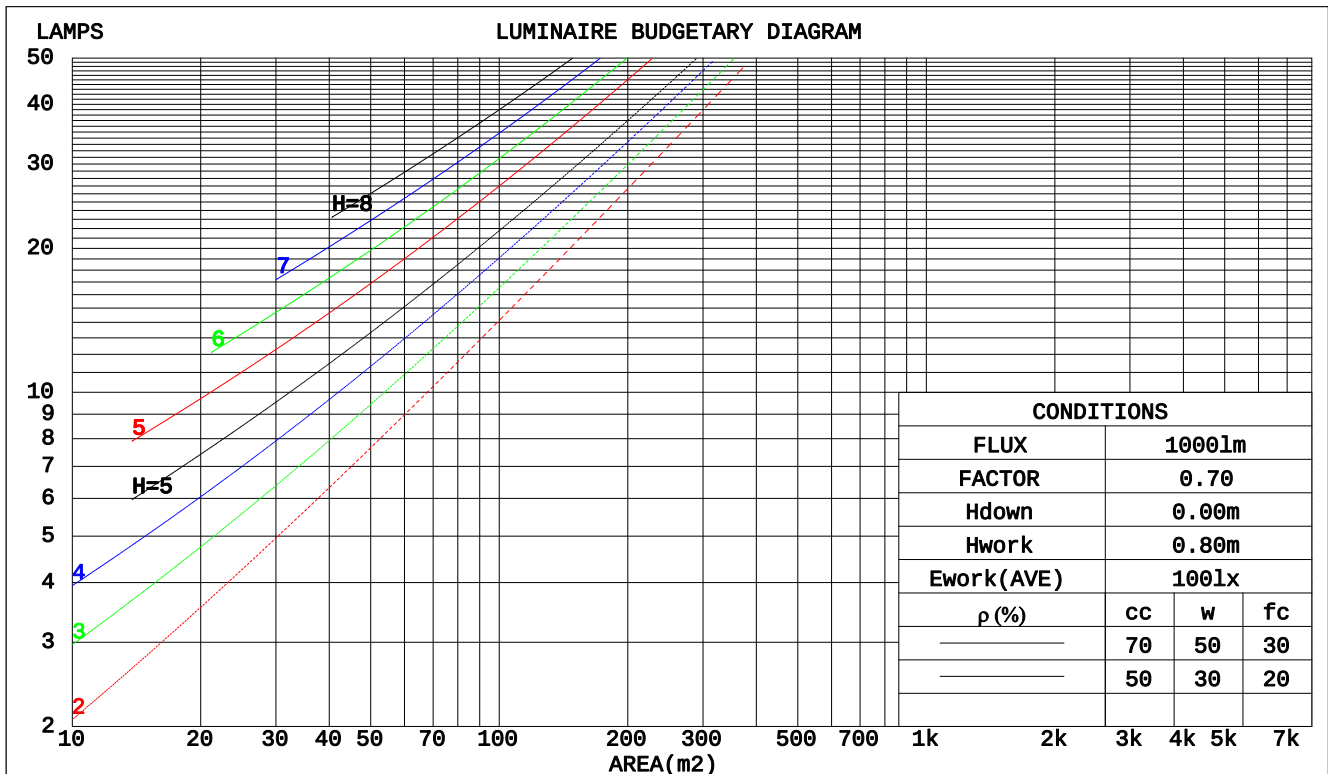
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Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-02-26

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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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: BR30-10-950-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	1.02	1.02	1.02	.97	.97	.97	.95
1.0	1.01	.97	.93	.99	.94	.91	.93	.90	.87	.88	.86	.83	.84	.82	.80	.77
2.0	.88	.81	.75	.86	.79	.74	.81	.76	.71	.77	.73	.69	.73	.70	.66	.64
3.0	.77	.69	.62	.75	.67	.61	.71	.65	.59	.68	.62	.58	.65	.60	.56	.54
4.0	.68	.59	.53	.67	.58	.52	.63	.56	.51	.60	.54	.49	.58	.52	.48	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.49	.44	.54	.48	.43	.52	.46	.42	.39
6.0	.55	.46	.39	.54	.45	.39	.51	.44	.38	.49	.42	.37	.47	.41	.37	.34
7.0	.50	.41	.35	.49	.40	.34	.47	.39	.34	.45	.38	.33	.43	.37	.33	.30
8.0	.45	.37	.31	.44	.36	.31	.43	.35	.30	.41	.34	.30	.39	.34	.29	.27
9.0	.42	.33	.28	.41	.33	.28	.39	.32	.27	.38	.31	.27	.36	.31	.26	.24
10.0	.38	.30	.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: BR30-10-950-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	.333	.190	.060	.325	.185	.059	.308	.177	.056	.293	.169	.054	.279	.162	.052		
2.0	.302	.166	.051	.295	.162	.050	.280	.156	.048	.267	.150	.047	.254	.144	.045		
3.0	.276	.147	.044	.269	.144	.043	.256	.139	.042	.243	.133	.041	.232	.129	.040		
4.0	.252	.131	.039	.246	.129	.038	.234	.124	.037	.224	.120	.036	.213	.116	.035		
5.0	.232	.118	.034	.226	.116	.034	.216	.112	.033	.206	.109	.032	.197	.105	.032		
6.0	.215	.108	.031	.210	.106	.030	.200	.103	.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	.026	.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		

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	.231	.231	.231	.198	.198	.198	.135	.135	.135	.078	.078	.078	.025	.025	.025	
1.0	.223	.197	.174	.191	.169	.150	.131	.116	.103	.075	.067	.060	.024	.022	.019	
2.0	.215	.173	.138	.184	.149	.120	.126	.103	.083	.073	.060	.049	.023	.019	.016	
3.0	.207	.156	.115	.178	.135	.100	.122	.094	.070	.070	.055	.041	.023	.018	.014	
4.0	.200	.143	.100	.171	.124	.087	.118	.086	.061	.068	.050	.036	.022	.016	.012	
5.0	.192	.133	.089	.165	.115	.077	.114	.080	.055	.066	.047	.032	.021	.015	.011	
6.0	.185	.125	.081	.159	.108	.071	.110	.075	.050	.064	.044	.030	.021	.015	.010	
7.0	.178	.118	.076	.153	.102	.066	.106	.072	.047	.061	.042	.028	.020	.014	.009	
8.0	.171	.112	.071	.148	.097	.062	.102	.068	.044	.059	.040	.026	.019	.013	.009	
9.0	.165	.107	.068	.142	.093	.059	.099	.065	.042	.057	.039	.025	.019	.013	.008	
10.0	.160	.103	.065	.138	.089	.057	.095	.063	.040	.056	.037	.024	.018	.012	.008	

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:

UGR(Unified Glare Rating) Table

NAME.: BR30-10-950-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		20.3	21.8	20.6	22.1	22.4	20.2	21.6	20.5	21.9	22.2
3H		21.7	23.1	22.1	23.4	23.8	21.6	23.0	22.0	23.3	23.6
4H		22.4	23.7	22.8	24.1	24.4	22.3	23.6	22.7	23.9	24.3
6H		23.1	24.3	23.5	24.7	25.1	22.9	24.1	23.3	24.5	24.9
8H		23.5	24.6	23.9	25.0	25.4	23.3	24.4	23.7	24.8	25.2
12H		23.9	25.0	24.3	25.4	25.8	23.7	24.8	24.1	25.2	25.6
4H 2H		20.8	22.1	21.2	22.4	22.8	20.7	22.0	21.1	22.3	22.7
3H		22.5	23.6	22.9	24.0	24.4	22.3	23.5	22.8	23.8	24.3
4H		23.3	24.3	23.7	24.7	25.2	23.1	24.2	23.6	24.6	25.0
6H		24.1	25.1	24.6	25.5	26.0	24.0	24.9	24.5	25.3	25.8
8H		24.6	25.5	25.1	25.9	26.4	24.4	25.3	24.9	25.7	26.2
12H		25.1	25.9	25.6	26.4	26.9	24.9	25.7	25.4	26.2	26.7
8H 4H		23.6	24.4	24.1	24.9	25.4	23.5	24.3	24.0	24.8	25.3
6H		24.7	25.4	25.2	25.9	26.4	24.5	25.2	25.0	25.7	26.3
8H		25.3	25.9	25.8	26.4	27.0	25.1	25.7	25.6	26.3	26.8
12H		26.0	26.5	26.5	27.1	27.6	25.8	26.3	26.3	26.9	27.5
12H 4H		23.6	24.4	24.1	24.9	25.4	23.5	24.3	24.0	24.8	25.3
6H		24.8	25.4	25.3	25.9	26.5	24.6	25.3	25.2	25.8	26.4
8H		25.5	26.0	26.0	26.6	27.1	25.3	25.9	25.9	26.4	27.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 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, 928.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)

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: BR30-10-950-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

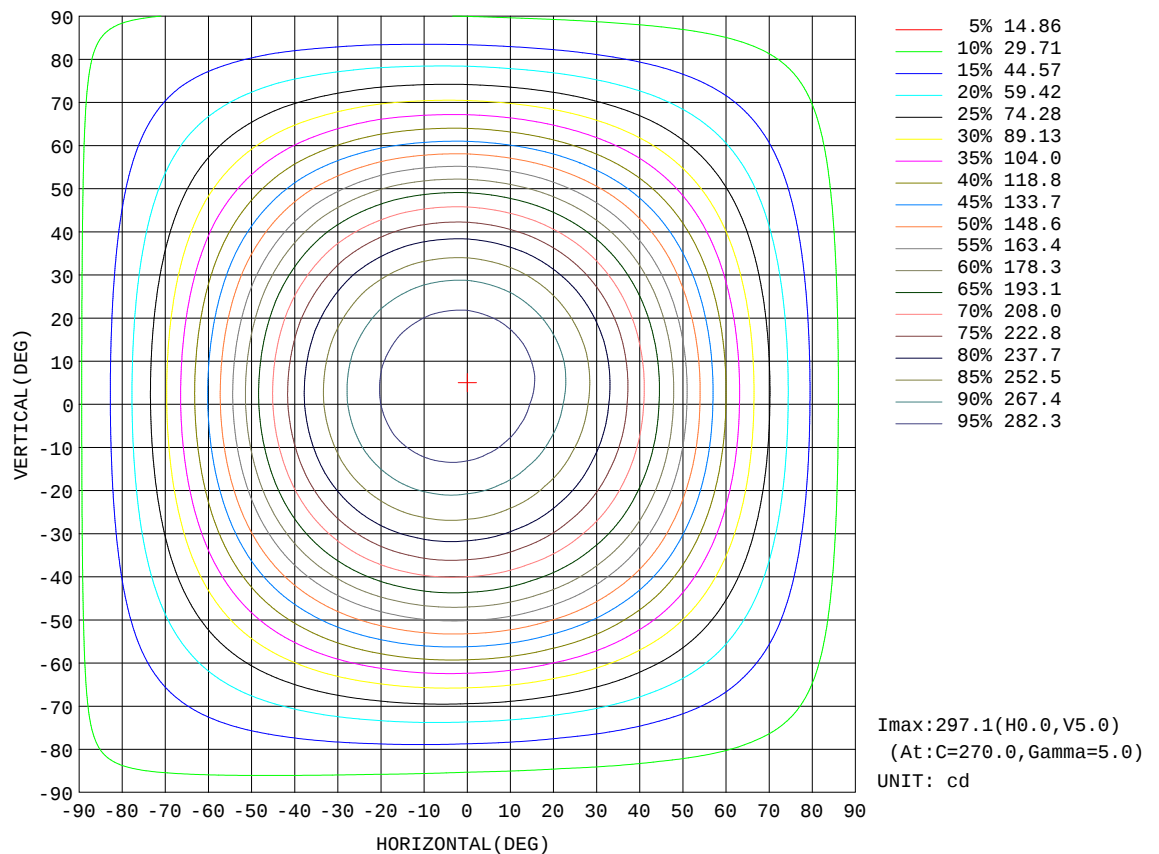
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	55	43	36	54	43	36	53	42	36	30
0.80	65	53	45	64	52	45	62	52	45	38
1.00	73	62	54	72	61	54	69	62	53	45
1.25	80	69	62	78	68	61	75	66	60	52
1.50	85	75	67	83	73	66	80	71	65	57
2.00	92	83	76	90	81	75	86	78	73	64
2.50	96	87	81	93	86	80	89	83	77	68
3.00	99	92	85	97	90	84	92	86	82	72
4.00	103	97	92	101	95	90	95	91	87	76
5.00	106	100	96	103	98	94	98	94	90	79
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: BR30-10-950-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

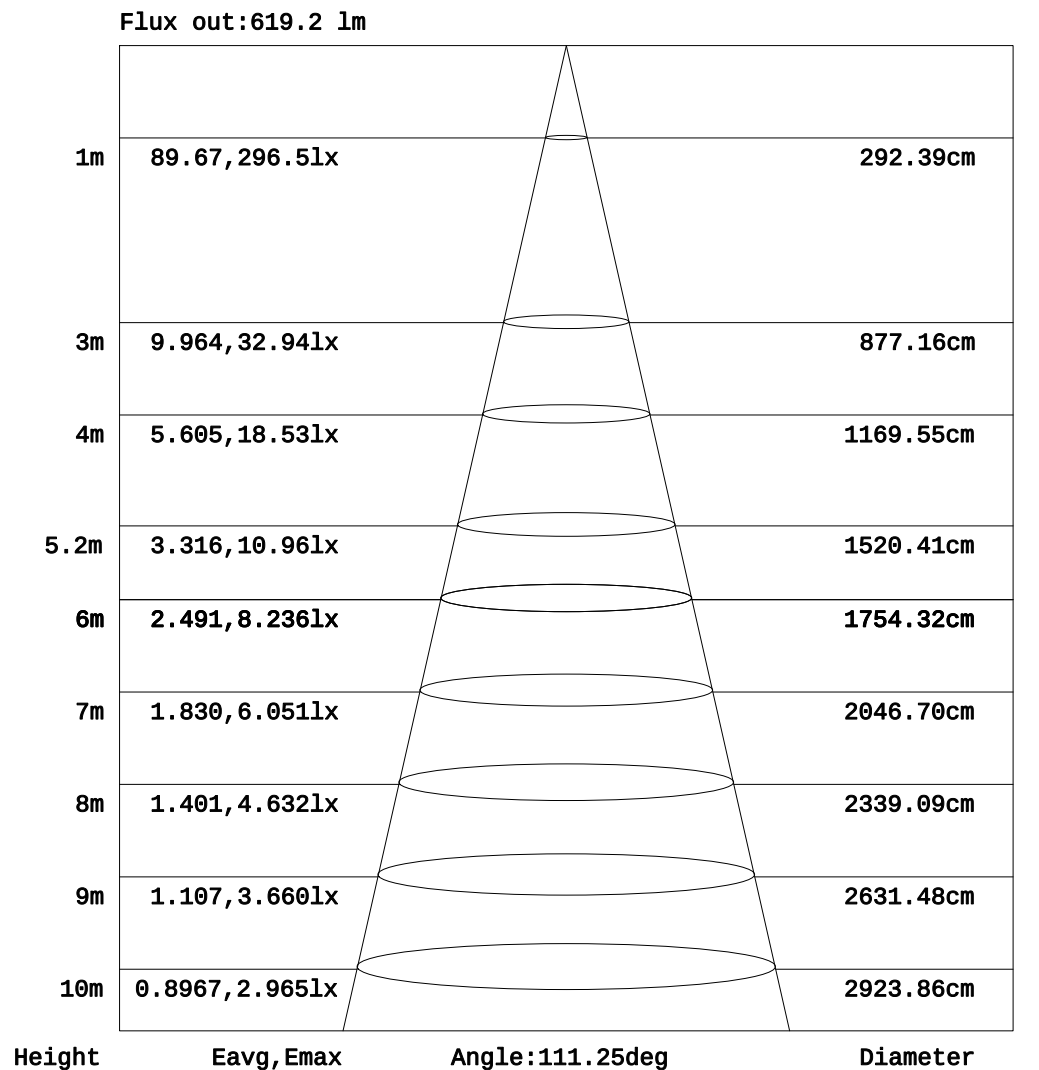


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-02-26

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: BR30-10-950-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



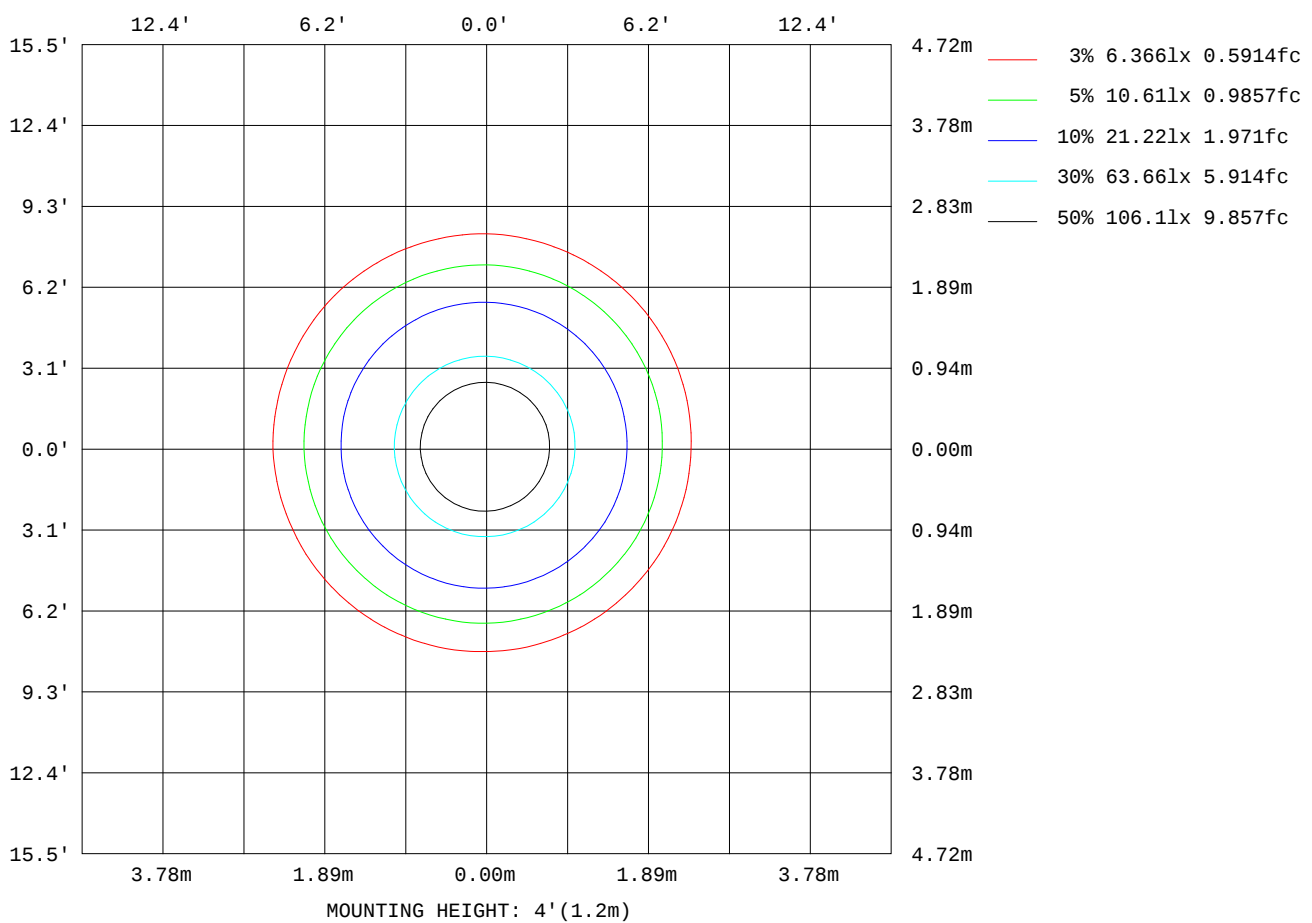
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: BR30-10-950-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: BR30-10-950-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

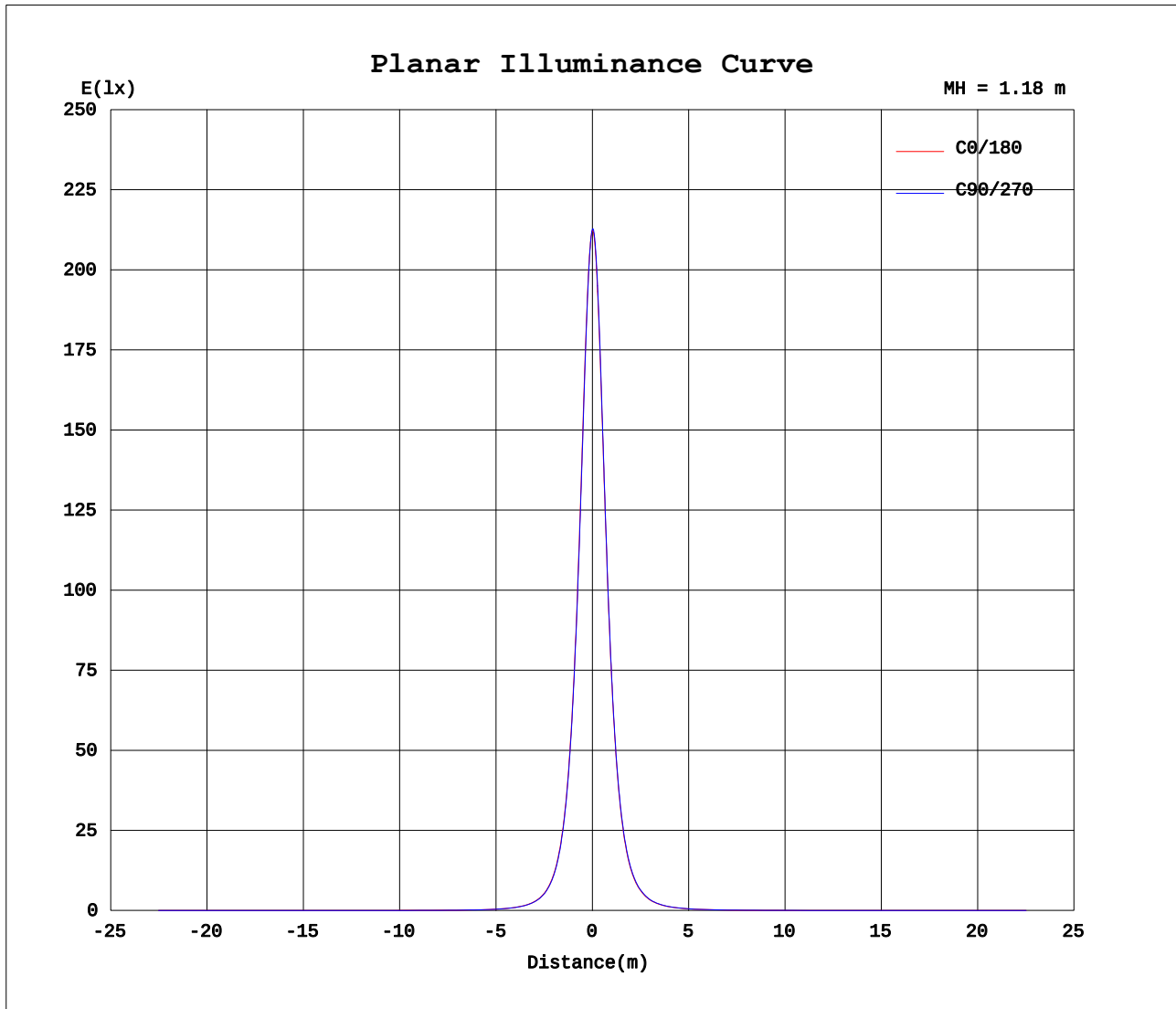
AvgL	cd/m2
L_0~180 (65) av	9692
L_0~180 (75) av	9716
L_0~180 (85) av	16051
L_90~270 (65) av	9693
L_90~270 (75) av	9713
L_90~270 (85) av	16060
L_45 (65) av	9649
L_45 (75) av	9657
L_45 (85) av	16089

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: BR30-10-950-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	295	295	296	296	296	296	296	296	295	295	296	296	296	296	296	296			
5	293	292	292	292	293	294	294	295	296	296	297	297	297	297	296	295			
10	288	287	286	286	287	288	290	292	293	295	295	296	296	295	293	291			
15	281	279	278	278	279	281	284	287	289	291	292	292	292	290	288	285			
20	272	269	267	268	269	272	276	280	282	284	286	286	285	283	280	277			
25	261	257	255	255	257	261	265	270	273	276	277	277	276	274	270	266			
30	247	243	241	241	243	247	252	257	262	265	266	266	264	261	257	252			
35	230	226	224	224	226	231	236	242	247	250	252	251	249	246	241	236			
40	212	208	206	206	208	212	218	224	229	233	234	234	231	228	223	218			
45	191	187	185	185	187	191	197	203	208	212	214	214	211	207	202	197			
50	168	165	162	162	164	168	173	179	185	189	192	191	189	184	179	174			
55	143	140	138	138	140	144	148	154	160	164	167	167	164	160	155	149			
60	119	115	113	113	115	119	123	129	135	139	141	141	139	135	130	124			
65	95.4	92.4	90.6	90.5	92.3	95.6	99.8	105	111	114	116	116	115	110	106	101			
70	74.9	72.1	70.6	70.6	72.2	75.1	78.9	83.4	87.8	92.0	92.9	93.5	90.9	87.7	83.7	79.3			
75	57.5	55.1	53.9	53.9	55.3	57.8	61.0	64.7	69.5	71.4	72.8	72.6	71.8	68.2	64.9	61.2			
80	43.1	41.2	40.2	40.2	41.3	43.4	46.1	49.2	52.3	54.6	55.7	55.5	54.2	51.9	49.1	46.1			
85	31.7	30.3	29.5	29.5	30.3	31.9	34.1	36.5	38.9	40.8	41.7	41.5	40.4	38.6	36.4	34.0			
90	23.2	22.1	21.6	21.6	22.2	23.4	25.1	26.7	28.6	29.9	30.6	30.4	29.6	28.2	26.6	24.8			
95	17.3	16.6	16.2	16.2	16.6	17.4	18.6	19.8	21.1	22.0	22.5	22.3	21.7	20.8	19.6	18.4			
100	13.4	13.0	12.7	12.7	13.0	13.6	14.4	15.2	16.0	16.7	17.0	16.8	16.4	15.8	15.0	14.2			
105	10.8	10.4	10.3	10.3	10.4	10.9	11.5	12.1	12.7	13.2	13.4	13.3	13.0	12.5	12.0	11.4			
110	8.71	8.44	8.31	8.28	8.42	8.75	9.22	9.72	10.2	10.6	10.7	10.7	10.4	10.1	9.66	9.17			
115	7.02	6.82	6.71	6.68	6.79	7.02	7.39	7.80	8.17	8.46	8.60	8.54	8.38	8.11	7.77	7.37			
120	5.64	5.48	5.39	5.37	5.45	5.60	5.89	6.22	6.53	6.75	6.87	6.83	6.71	6.51	6.23	5.91			
125	4.49	4.36	4.29	4.27	4.32	4.43	4.65	4.92	5.17	5.35	5.45	5.43	5.35	5.18	4.95	4.69			
130	3.54	3.43	3.37	3.36	3.40	3.47	3.62	3.84	4.04	4.16	4.25	4.26	4.22	4.09	3.90	3.69			
135	2.76	2.66	2.62	2.60	2.62	2.67	2.78	2.94	3.11	3.20	3.28	3.31	3.31	3.20	3.06	2.88			
140	2.12	2.04	2.02	2.00	2.01	2.02	2.08	2.20	2.34	2.41	2.49	2.54	2.56	2.48	2.37	2.22			
145	1.62	1.55	1.53	1.52	1.52	1.50	1.51	1.61	1.72	1.76	1.83	1.90	1.95	1.90	1.81	1.68			
150	1.21	1.15	1.13	1.13	1.12	1.08	1.06	1.12	1.21	1.23	1.29	1.38	1.45	1.42	1.36	1.26			
155	0.91	0.86	0.83	0.82	0.81	0.76	0.72	0.75	0.81	0.82	0.87	0.97	1.06	1.05	1.02	0.94			
160	0.69	0.66	0.63	0.61	0.57	0.52	0.48	0.48	0.52	0.52	0.56	0.66	0.76	0.78	0.76	0.71			
165	0.55	0.53	0.50	0.45	0.40	0.37	0.34	0.33	0.35	0.35	0.40	0.47	0.55	0.58	0.59	0.57			
170	0.43	0.42	0.38	0.30	0.26	0.25	0.24	0.24	0.25	0.25	0.29	0.35	0.41	0.43	0.44	0.46			
175	0.21	0.13	0.10	0.05	0.08	0.07	0.07	0.07	0.11	0.12	0.14	0.15	0.19	0.24	0.20	0.21			
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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