

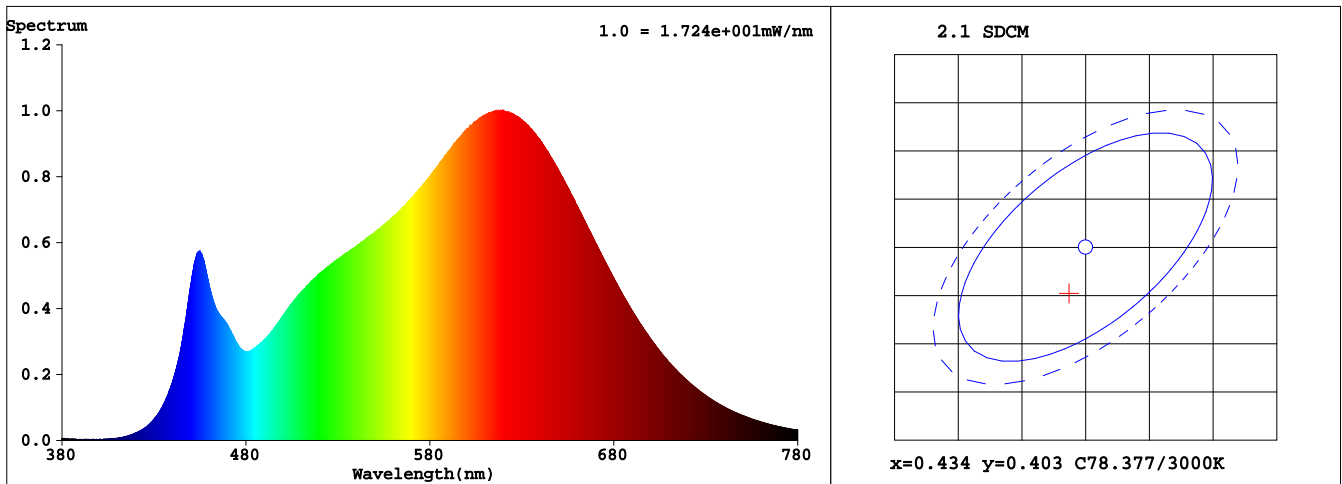
# Spectrum Test Report

Sample : BR30-10-930-DIM Date : 2020-04-10 15:37:12  
Specification : Sam. Status :  
Sample No. : Standard : LM-79-80  
Manufacturer : RAB Lighting Inc Instrument : HaasSuite(EVERFINE)  
Remark : Test by :  
Device SN :

## Test Condition

Temperature : 26.4Deg RH : 30.1%  
WL Range : 380nm-780nm IP : 52739 (80%)  
Test Mode : Fast Test T : 218 ms  
Sensitivity : High

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4326$   $y = 0.3984$  /  $u' = 0.2502$   $v' = 0.5185$  ( $duv = -1.68e-03$ )

CCT= 3028K Prcp WL: Ld=583.3nm Purity=49.4%

Peak WL: Lp=619nm FWHM: =160.2nm Ratio:R=24.2% G=72.6% B=3.2%

Render Index: Ra = 92.9

EEL: 0.12651 A+

R1 =94 R2 =98 R3 =98 R4 =92 R5 =94 R6 =96 R7 =90  
R8 =81 R9 =59 R10=94 R11=93 R12=82 R13=95 R14=100 R15=90  
LEVEL:OUT WHITE:ANSI\_3000K

## Photometric & Radiometric Parameters

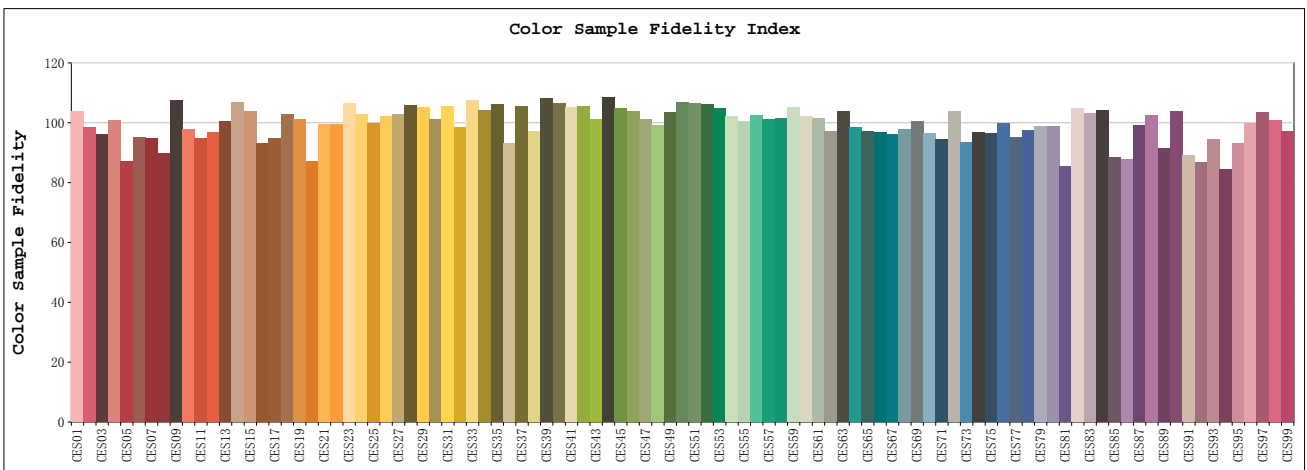
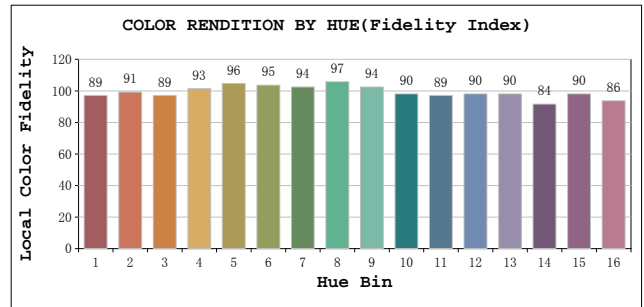
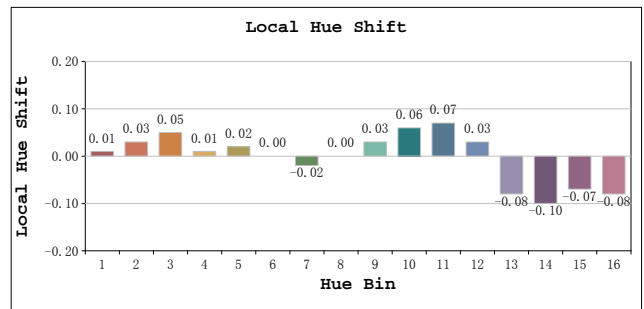
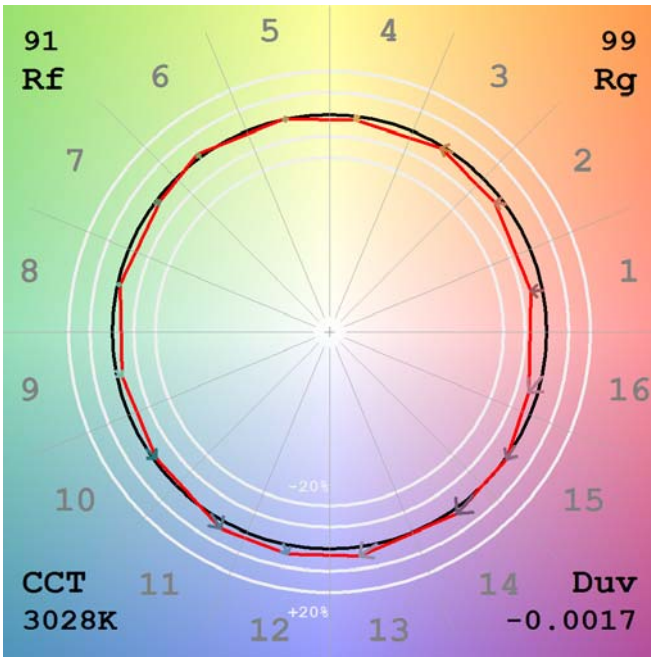
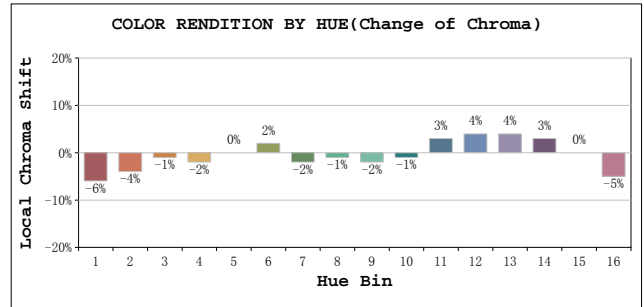
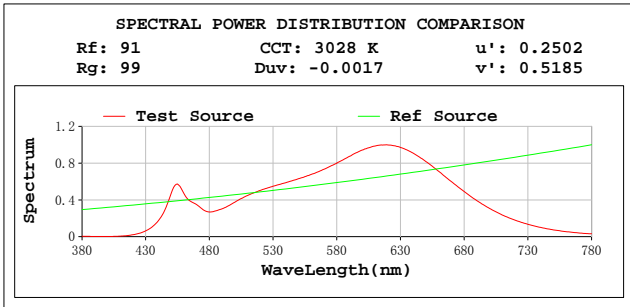
Flux = 863.00 lm Eff. : 100.12 lm/W Fe = 2.9802 W

Flux of emitted photons( $\mu\text{mol/s}$ ):14.698 Fluo. and blue light ratio:9.047 Fluorescent eff.:296.4

## Electrical parameters

V = 120.09 V I = 0.07540 A P = 8.620 W PF = 0.9520

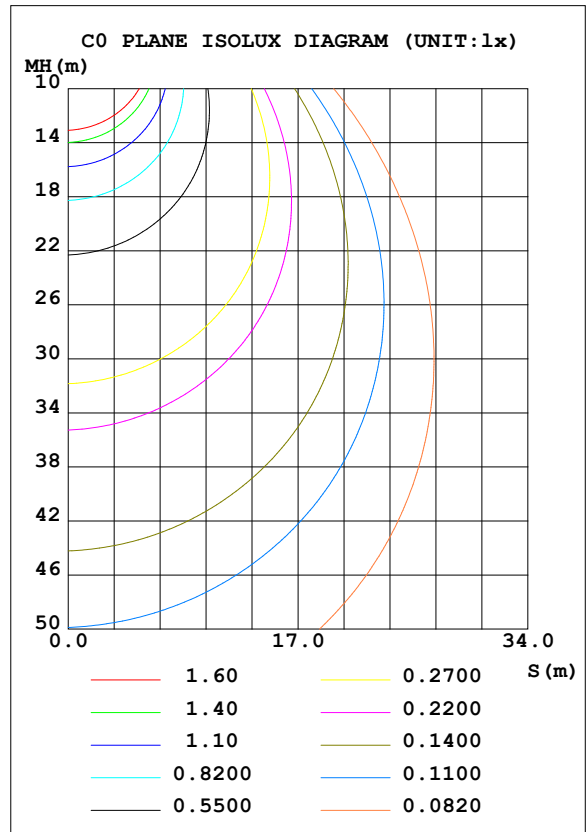
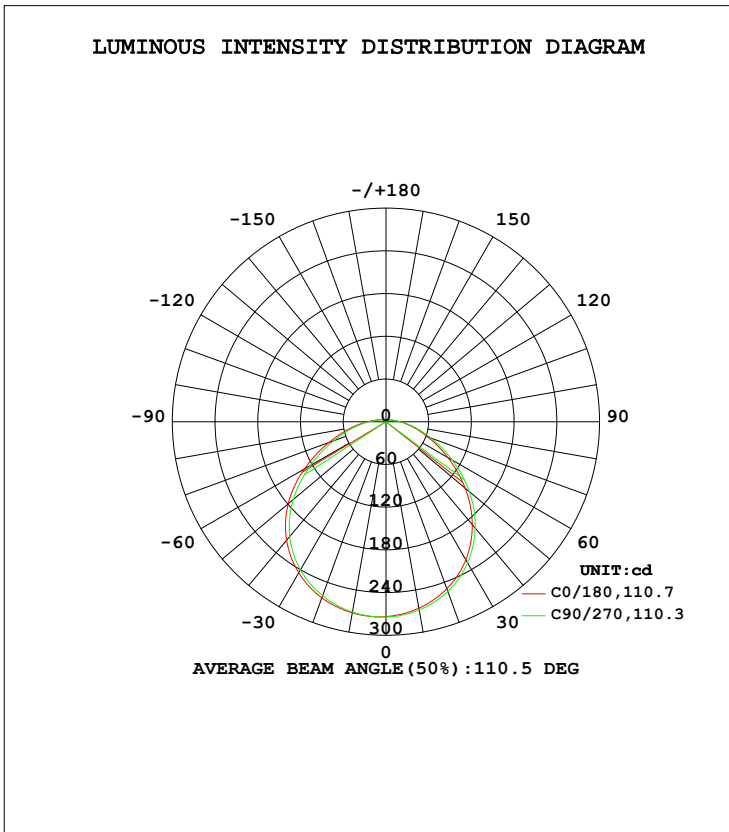
# TM30



LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: BR30-10-930-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 98.31 lm/W
MODEL	BR30	I <sub>max</sub> (cd)	275.0	S/MH (C0/180)	1.33	
NOMINAL POWER (W)	9	LOR (%)	100.0	S/MH (C90/270)	1.30	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	847.42	η UP, DN (C0-180)	2.4, 45.7	
NOMINAL FLUX (lm)	847.422	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.6, 49.3	
LAMPS INSIDE	1	η up (%)	5.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	η down (%)	94.9	CIBSE SHR MAX	1.35	



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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

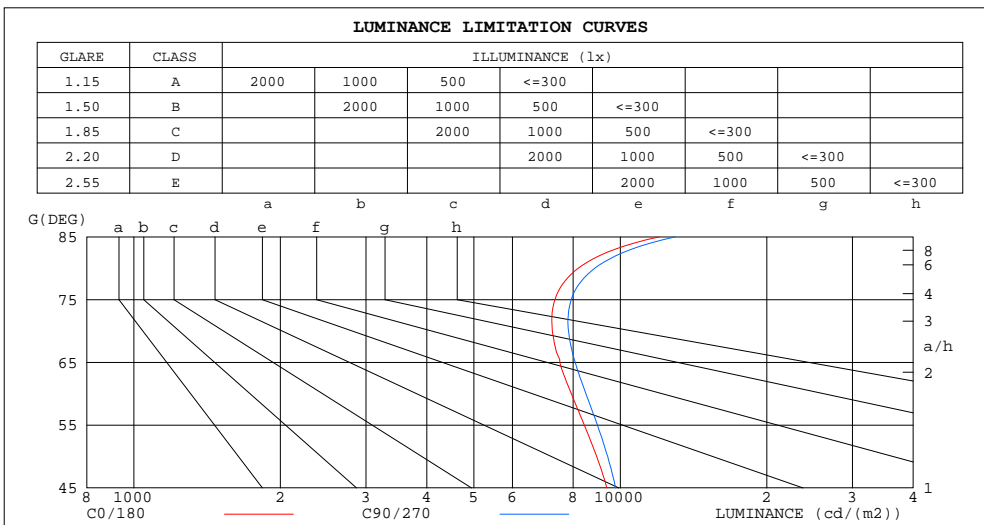
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	270.8	271.2	272.4	274.1	274.2	274.6	273.9	272.8	0- 5	6.543	6.543	0.77,0.77
10	265.9	266.3	268.4	271.5	272.6	272.9	271.4	269.0	5- 10	19.42	25.96	3.06,3.06
15	258.9	259.0	262.2	266.9	268.9	269.1	266.8	263.1	10- 15	31.69	57.65	6.8,6.8
20	249.8	249.5	253.7	260.1	263.2	263.3	260.1	255.2	15- 20	42.97	100.6	11.9,11.9
25	238.2	237.6	242.6	250.9	255.4	255.5	251.4	244.9	20- 25	52.87	153.5	18.1,18.1
30	224.2	223.3	229.2	239.2	245.0	245.2	240.4	232.2	25- 30	61.01	214.5	25.3,25.3
35	207.5	206.5	213.1	224.8	232.3	232.6	226.6	216.7	30- 35	67.01	281.5	33.2,33.2
40	188.6	187.7	194.9	207.7	217.1	217.5	210.4	198.6	35- 40	70.58	352.1	41.5,41.5
45	167.7	167.0	174.8	188.1	199.5	200.0	191.4	178.1	40- 45	71.52	423.6	50,50
50	145.2	144.8	152.9	166.4	179.4	179.7	170.0	155.7	45- 50	69.75	493.4	58.2,58.2
55	122.2	121.9	130.0	143.1	156.6	156.7	146.5	132.4	50- 55	65.32	558.7	65.9,65.9
60	100.1	99.99	107.3	119.4	132.1	132.0	122.2	109.3	55- 60	58.65	617.3	72.8,72.8
65	80.17	79.96	86.23	96.62	107.8	107.6	98.95	89.06	60- 65	50.61	667.9	78.8,78.8
70	62.62	62.41	67.61	76.20	85.28	84.85	77.92	69.19	65- 70	42.03	710.0	83.8,83.8
75	47.98	47.68	51.80	58.78	65.87	65.43	60.15	53.16	70- 75	33.76	743.7	87.8,87.8
80	35.94	35.65	38.86	44.36	49.73	49.26	45.17	39.99	75- 80	26.28	770.0	90.9,90.9
85	26.47	26.25	28.55	32.75	36.72	36.22	33.25	29.46	80- 85	19.87	789.9	93.2,93.2
90	19.39	19.15	20.76	23.83	26.62	26.14	24.07	21.50	85- 90	14.64	804.5	94.9,94.9
95	14.55	14.39	15.38	17.33	19.22	18.79	17.47	15.92	90- 95	10.66	815.2	96.2,96.2
100	11.42	11.32	11.94	13.14	14.29	13.91	13.16	12.30	95-100	7.892	823.1	97.1,97.1
105	9.171	9.097	9.570	10.41	11.14	10.85	10.38	9.814	100-105	6.049	829.1	97.8,97.8
110	7.378	7.327	7.698	8.359	8.915	8.679	8.310	7.882	105-110	4.722	833.9	98.4,98.4
115	5.926	5.889	6.189	6.711	7.150	6.961	6.655	6.323	110-115	3.674	837.5	98.8,98.8
120	4.737	4.712	4.954	5.366	5.723	5.574	5.310	5.028	115-120	2.827	840.4	99.2,99.2
125	3.752	3.737	3.928	4.251	4.525	4.404	4.189	3.983	120-125	2.139	842.5	99.4,99.4
130	2.934	2.928	3.083	3.325	3.550	3.450	3.279	3.123	125-130	1.586	844.1	99.6,99.6
135	2.258	2.260	2.381	2.549	2.746	2.668	2.538	2.419	130-135	1.148	845.2	99.7,99.7
140	1.721	1.727	1.815	1.925	2.083	2.028	1.931	1.849	135-140	0.8071	846.0	99.8,99.8
145	1.289	1.297	1.356	1.416	1.542	1.508	1.439	1.390	140-145	0.5490	846.6	99.9,99.9
150	0.9487	0.9589	0.9882	1.007	1.103	1.084	1.048	1.023	145-150	0.3575	846.9	99.9,99.9
155	0.6946	0.7063	0.7075	0.6871	0.7580	0.7504	0.7514	0.7408	150-155	0.2211	847.2	100,100
160	0.5267	0.5357	0.5104	0.4550	0.4995	0.5057	0.5384	0.5366	155-160	0.1299	847.3	100,100
165	0.4238	0.4271	0.3912	0.3103	0.3332	0.3490	0.3966	0.4160	160-165	0.0737	847.4	100,100
170	0.3288	0.3100	0.2451	0.2119	0.2470	0.2635	0.2910	0.3347	165-170	0.0398	847.4	100,100
175	0.1579	0.1151	0.0933	0.0938	0.0976	0.1066	0.1779	0.1340	170-175	0.0157	847.4	100,100
180	0.0007	0	0	0	0.0004	0.0007	0.0007	0.0005	175-180	0.0012	847.4	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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity:24.3%  
 Test Distance:1.900m [K=0.6239]  
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: BR30-10-930-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



LUMINANCE cd/(m2)		
G( DEG)	C0/180	C90/270
85	12022	12968
80	8193	8860
75	7339	7924
70	7248	7826
65	7509	8078
60	7929	8499
55	8436	8972
50	8941	9416
45	9388	9786

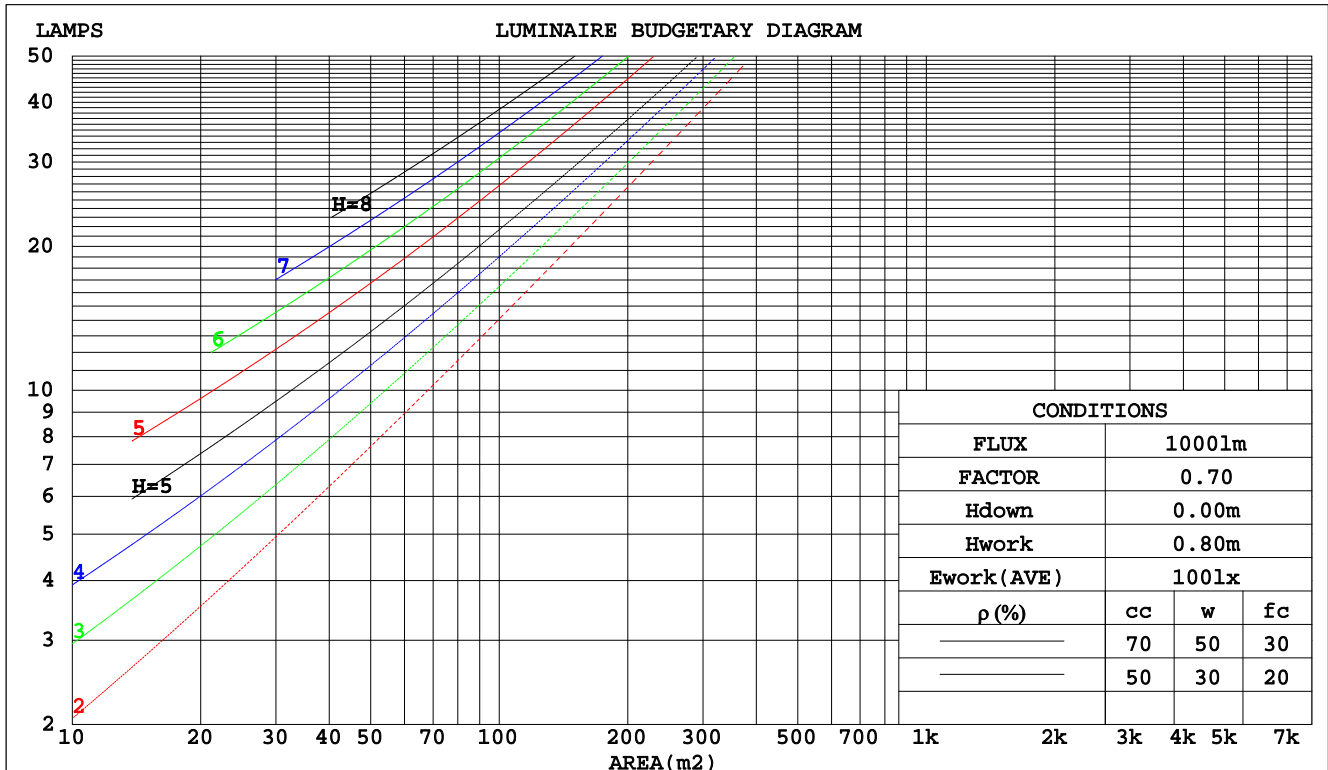
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 27.1DEG  
 Operators:  
 Test Date: 2020-02-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: BR30-10-930-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	1.18	1.18	1.18	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1.0	1.02	.97	.93	.99	.95	.91	.94	.90	.87	.89	.86	.83	.84	.82	.80	.78
2.0	.88	.81	.75	.86	.79	.74	.82	.76	.71	.78	.73	.69	.74	.70	.67	.64
3.0	.77	.69	.62	.75	.68	.62	.72	.65	.60	.68	.63	.58	.65	.60	.57	.54
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.58	.53	.49	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.52	.47	.42	.40
6.0	.55	.46	.40	.54	.45	.39	.52	.44	.39	.49	.43	.38	.47	.42	.37	.35
7.0	.50	.41	.35	.49	.41	.35	.47	.39	.34	.45	.38	.33	.43	.37	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.30	.41	.35	.30	.40	.34	.29	.27
9.0	.42	.34	.28	.41	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:

WEC AND CCEC

NAME: BR30-10-930-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	.331	.188	.060	.322	.184	.058	.306	.175	.056	.291	.168	.054	.277	.161	.052	
2.0	.301	.165	.051	.293	.161	.050	.278	.155	.048	.265	.149	.047	.253	.143	.045	
3.0	.274	.146	.044	.267	.143	.043	.255	.138	.042	.243	.133	.041	.232	.128	.040	
4.0	.251	.131	.038	.245	.128	.038	.234	.124	.037	.223	.120	.036	.213	.116	.035	
5.0	.231	.118	.034	.226	.116	.034	.215	.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	.194	.097	.028	.186	.094	.027	.178	.091	.027	.171	.089	.026	
8.0	.185	.091	.025	.181	.089	.025	.174	.087	.025	.167	.084	.024	.160	.082	.024	
9.0	.174	.084	.023	.170	.083	.023	.163	.081	.023	.157	.078	.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	.229	.229	.229	.196	.196	.196	.134	.134	.134	.077	.077	.077	.025	.025	.025	
1.0	.221	.195	.172	.189	.167	.148	.129	.115	.102	.074	.067	.059	.024	.021	.019	
2.0	.213	.171	.136	.182	.147	.118	.125	.102	.082	.072	.059	.048	.023	.019	.016	
3.0	.205	.154	.113	.175	.133	.098	.120	.092	.069	.070	.054	.041	.022	.017	.013	
4.0	.197	.141	.098	.169	.121	.085	.116	.085	.060	.067	.050	.035	.022	.016	.012	
5.0	.189	.130	.087	.163	.113	.075	.112	.079	.053	.065	.046	.032	.021	.015	.010	
6.0	.182	.122	.079	.157	.106	.069	.108	.074	.049	.063	.044	.029	.020	.014	.010	
7.0	.175	.115	.073	.151	.100	.064	.104	.070	.045	.061	.041	.027	.020	.014	.009	
8.0	.169	.109	.069	.145	.095	.060	.101	.067	.042	.058	.039	.025	.019	.013	.008	
9.0	.163	.105	.065	.140	.091	.057	.097	.064	.040	.057	.038	.024	.018	.012	.008	
10.0	.157	.100	.063	.135	.087	.055	.094	.061	.039	.055	.036	.023	.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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:

UGR(Unified Glare Rating) Table

NAME: BR30-10-930-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	19.9	21.4	20.3	21.7	22.0	20.2	21.7	20.5	22.0	22.3				
3H	21.3	22.7	21.7	23.0	23.4	21.7	23.0	22.0	23.3	23.7				
4H	22.0	23.3	22.4	23.6	24.0	22.3	23.6	22.7	24.0	24.3				
6H	22.7	23.9	23.1	24.2	24.6	23.0	24.2	23.4	24.6	25.0				
8H	23.0	24.2	23.4	24.5	24.9	23.4	24.5	23.8	24.9	25.3				
12H	23.4	24.5	23.8	24.9	25.3	23.8	24.9	24.2	25.3	25.7				
4H 2H	20.5	21.8	20.9	22.1	22.5	20.7	22.0	21.1	22.3	22.7				
3H	22.1	23.2	22.5	23.6	24.0	22.3	23.5	22.8	23.8	24.3				
4H	22.9	23.9	23.3	24.3	24.8	23.2	24.2	23.6	24.6	25.1				
6H	23.7	24.6	24.2	25.1	25.5	24.0	25.0	24.5	25.4	25.9				
8H	24.1	25.0	24.6	25.5	26.0	24.5	25.3	25.0	25.8	26.3				
12H	24.6	25.4	25.1	25.9	26.4	25.0	25.8	25.5	26.3	26.8				
8H 4H	23.2	24.1	23.7	24.5	25.0	23.5	24.3	23.9	24.8	25.3				
6H	24.3	25.0	24.8	25.5	26.0	24.5	25.2	25.1	25.7	26.3				
8H	24.8	25.5	25.4	26.0	26.6	25.1	25.8	25.7	26.3	26.9				
12H	25.5	26.1	26.1	26.6	27.2	25.8	26.4	26.4	26.9	27.5				
12H 4H	23.3	24.0	23.8	24.5	25.0	23.5	24.3	24.0	24.8	25.3				
6H	24.4	25.0	24.9	25.5	26.1	24.6	25.3	25.2	25.8	26.4				
8H	25.1	25.6	25.6	26.1	26.7	25.3	25.9	25.9	26.4	27.0				
Variations with the observer position at spacings:														
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2								
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3								
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3								

CIE Pub.117, 847.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.6)

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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:



UTILIZATION FACTORS TABLE

NAME: BR30-10-930-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.:	Shielding Angle: /

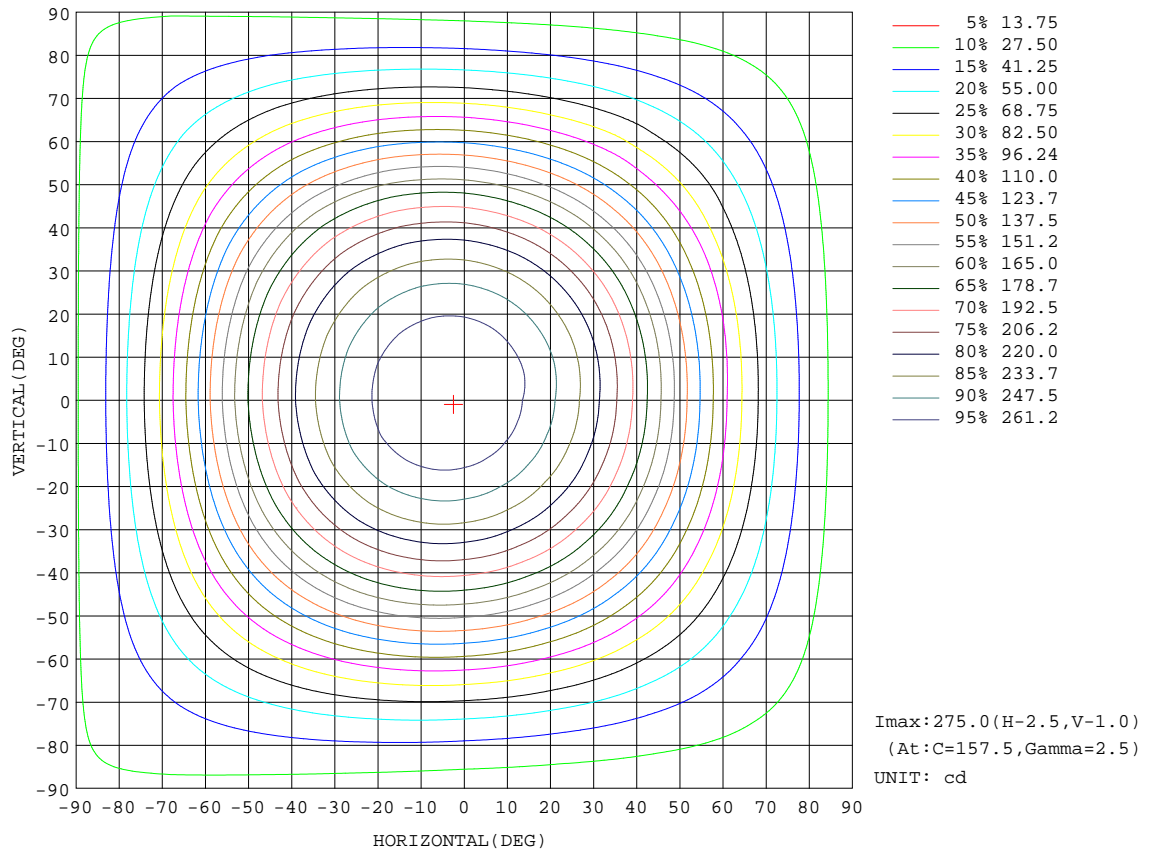
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	44	37	55	43	37	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	73	62	54	72	61	54	70	62	53	46
1.25	80	69	62	79	69	62	76	67	61	53
1.50	85	75	68	83	74	67	80	72	66	57
2.00	92	83	76	90	82	75	86	79	73	65
2.50	96	88	81	94	86	80	89	83	78	68
3.00	100	92	86	97	90	85	92	87	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				SHRNOM = 1.25			

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:

**ISOCANDELA DIAGRAM**

NAME: BR30-10-930-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.:	Shielding Angle: /

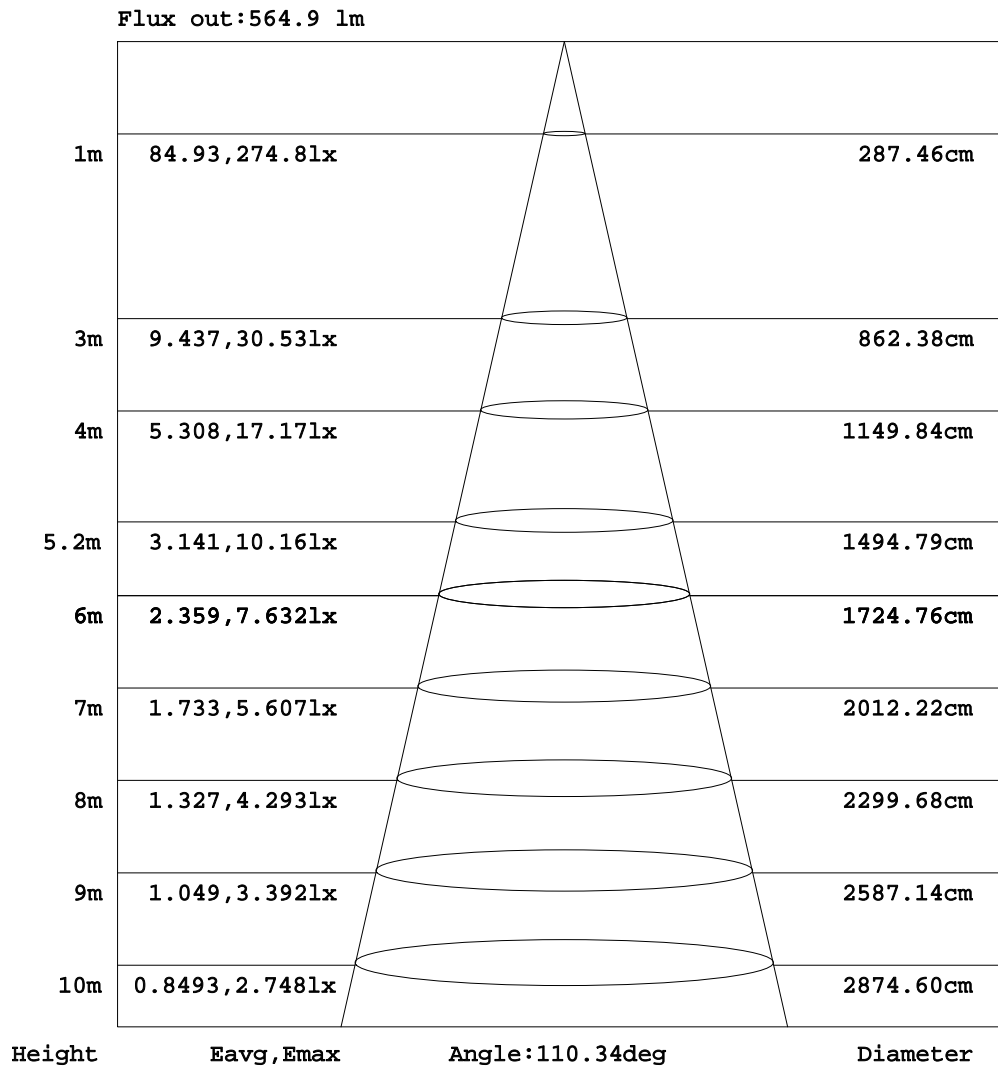


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 27.1DEG  
 Operators:  
 Test Date: 2020-02-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:

AAI Figure

NAME: BR30-10-930-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.:	Shielding Angle: /



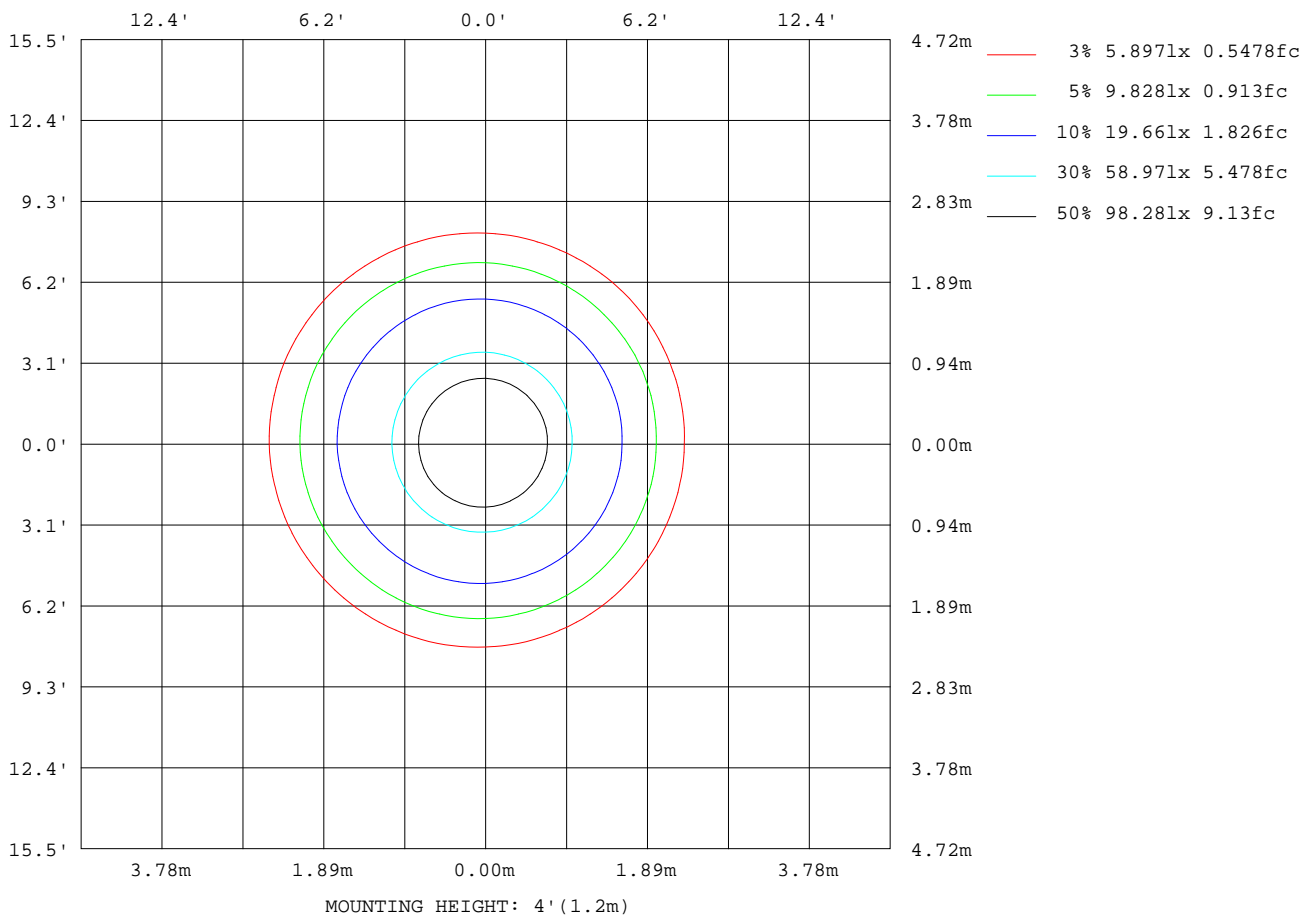
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:

**ISOLUX DIAGRAM**

NAME: BR30-10-930-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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:

**LED Avg.L Report**

NAME: BR30-10-930-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.:	Shielding Angle: /

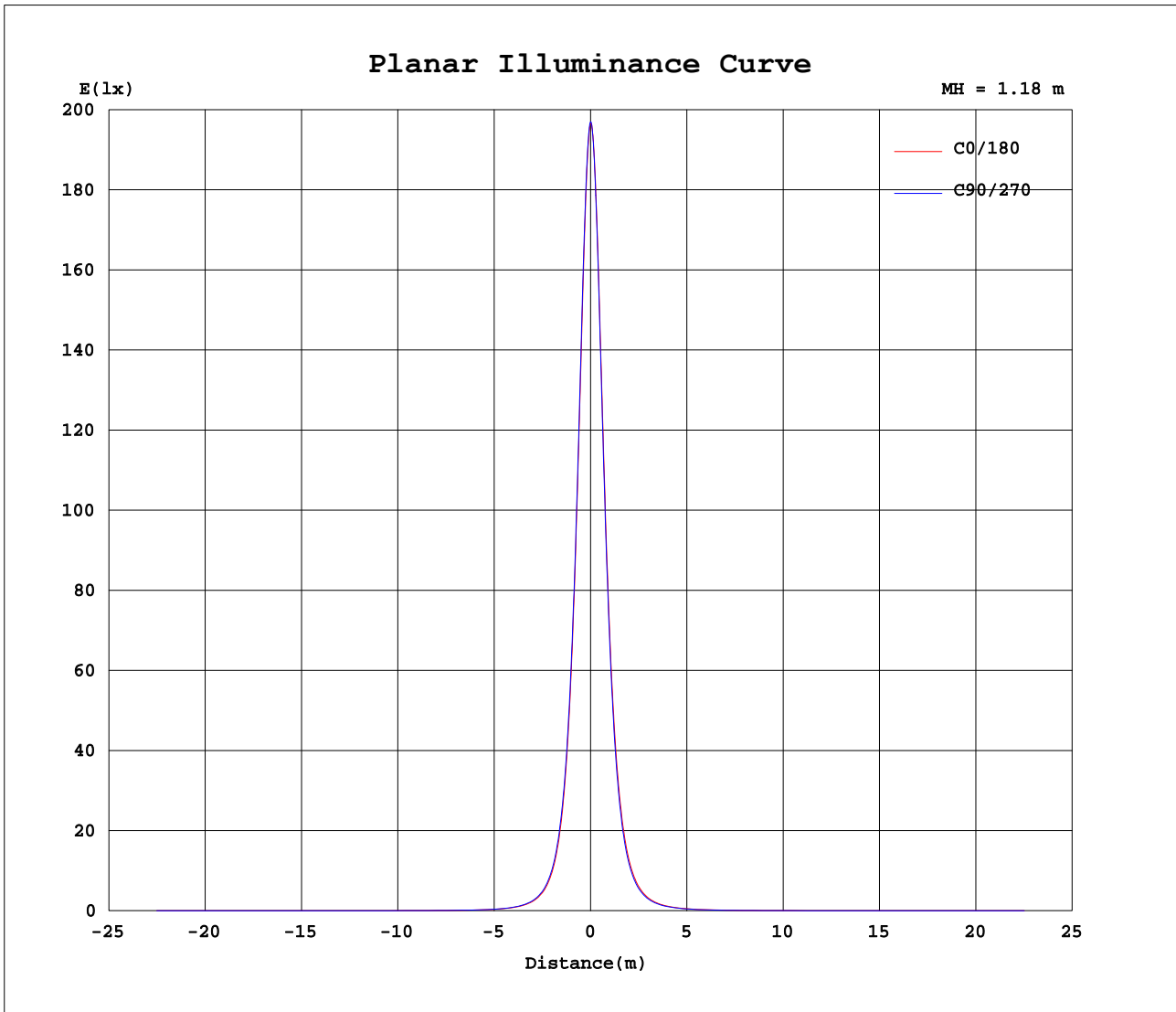
AvgL	cd/m2
L_0~180 (65) av	8806
L_0~180 (75) av	8707
L_0~180 (85) av	14351
L_90~270 (65) av	8673
L_90~270 (75) av	8562
L_90~270 (85) av	14037
L_45 (65) av	8740
L_45 (75) av	8606
L_45 (85) av	14158

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 GO-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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BR30-10-930-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	274	274	274	274	274	274	274	275	274	274	274	274	274	274	274	275			
5	271	271	271	272	272	273	274	275	274	275	275	274	274	273	273	272			
10	266	266	266	267	268	270	271	273	273	273	273	272	271	270	269	268			
15	259	258	259	260	262	265	267	269	269	269	269	268	267	265	263	261			
20	250	249	250	251	254	257	260	263	263	264	263	262	260	258	255	253			
25	238	237	238	240	243	247	251	254	255	256	255	254	251	248	245	242			
30	224	223	223	226	229	234	239	243	245	246	245	243	240	236	232	228			
35	208	206	207	209	213	219	225	230	232	233	233	230	227	222	217	212			
40	189	187	188	190	195	201	208	214	217	218	218	215	210	205	199	193			
45	168	166	167	170	175	181	188	195	200	201	200	197	191	185	178	173			
50	145	144	145	148	153	159	166	174	179	181	180	176	170	163	156	150			
55	122	121	122	125	130	136	143	151	157	158	157	153	147	139	132	127			
60	100	99.0	100.0	103	107	113	119	126	132	134	132	128	122	116	109	104			
65	80.2	79.1	80.0	82.3	86.2	91.2	96.6	103	108	109	108	104	98.9	93.3	89.1	83.6			
70	62.6	61.8	62.4	64.4	67.6	71.7	76.2	81.1	85.3	86.5	84.8	81.9	77.9	73.5	69.2	66.0			
75	48.0	47.2	47.7	49.3	51.8	55.1	58.8	62.6	65.9	66.8	65.4	63.0	60.1	56.7	53.2	50.3			
80	35.9	35.4	35.7	36.9	38.9	41.5	44.4	47.3	49.7	50.4	49.3	47.4	45.2	42.6	40.0	37.8			
85	26.5	26.0	26.2	27.1	28.6	30.5	32.8	35.0	36.7	37.1	36.2	34.8	33.3	31.4	29.5	27.8			
90	19.4	19.1	19.1	19.7	20.8	22.2	23.8	25.5	26.6	26.9	26.1	25.1	24.1	22.8	21.5	20.3			
95	14.5	14.3	14.4	14.7	15.4	16.3	17.3	18.4	19.2	19.3	18.8	18.1	17.5	16.8	15.9	15.2			
100	11.4	11.3	11.3	11.5	11.9	12.5	13.1	13.8	14.3	14.3	13.9	13.5	13.2	12.8	12.3	11.8			
105	9.17	9.09	9.10	9.26	9.57	9.97	10.4	10.9	11.1	11.1	10.8	10.6	10.4	10.2	9.81	9.46			
110	7.38	7.32	7.33	7.46	7.70	8.01	8.36	8.71	8.92	8.90	8.68	8.46	8.31	8.14	7.88	7.60			
115	5.93	5.88	5.89	6.00	6.19	6.43	6.71	7.00	7.15	7.14	6.96	6.79	6.66	6.53	6.32	6.10			
120	4.74	4.71	4.71	4.81	4.95	5.14	5.37	5.60	5.72	5.71	5.57	5.43	5.31	5.20	5.03	4.85			
125	3.75	3.73	3.74	3.83	3.93	4.07	4.25	4.44	4.53	4.51	4.40	4.29	4.19	4.11	3.98	3.84			
130	2.93	2.92	2.93	3.01	3.08	3.19	3.33	3.48	3.55	3.53	3.45	3.37	3.28	3.22	3.12	3.01			
135	2.26	2.25	2.26	2.34	2.38	2.45	2.55	2.68	2.75	2.73	2.67	2.61	2.54	2.49	2.42	2.33			
140	1.72	1.71	1.73	1.79	1.82	1.85	1.92	2.03	2.08	2.06	2.03	2.00	1.93	1.90	1.85	1.79			
145	1.29	1.28	1.30	1.36	1.36	1.37	1.42	1.51	1.54	1.53	1.51	1.49	1.44	1.43	1.39	1.35			
150	0.95	0.94	0.96	1.00	0.99	0.98	1.01	1.08	1.10	1.09	1.08	1.09	1.05	1.04	1.02	1.00			
155	0.69	0.68	0.71	0.74	0.71	0.68	0.69	0.75	0.76	0.75	0.75	0.78	0.75	0.75	0.74	0.73			
160	0.53	0.52	0.54	0.55	0.51	0.47	0.45	0.49	0.50	0.50	0.51	0.54	0.54	0.54	0.54	0.54			
165	0.42	0.43	0.43	0.43	0.39	0.35	0.31	0.32	0.33	0.34	0.35	0.38	0.40	0.41	0.42	0.42			
170	0.33	0.33	0.31	0.31	0.25	0.23	0.21	0.22	0.25	0.25	0.26	0.28	0.29	0.31	0.33	0.33			
175	0.16	0.16	0.12	0.07	0.09	0.10	0.09	0.08	0.10	0.10	0.11	0.15	0.18	0.15	0.13	0.13			
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  
 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 GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 24.3%  
 Test Distance: 1.900m [K=0.6239]  
 Remarks: