

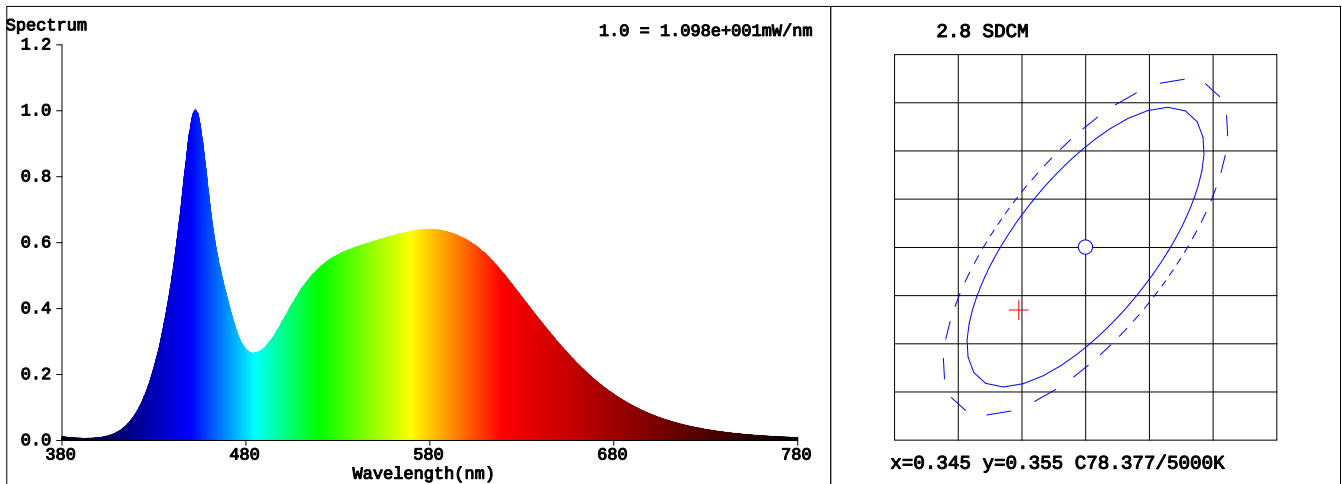
Spectrum Test Report

Sample	: GU10-4.5-850-35D-DIM	Date	: 2020-01-10 16:16:08
Specification	:	Sam. Status	:
Sample No.	:	Standard	: LM-79-80
Manufacturer	: RAB Lighting Inc	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:
Device SN	:		

Test Condition

Temperature	: 26.7Deg	RH	: 30.1%
WL Range	: 380nm-780nm	IP	: 45868 (70%)
Test Mode	: Fast Test	T	: 447 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3394$ $y = 0.3485$ / $u' = 0.2087$ $v' = 0.4823$ ($duv=8.00e-04$)

CCT= 5216K Prcp WL: Ld=567.7nm Purity=6.4%

Peak WL: Lp=452nm FWHM: =26.9nm Ratio:R=15.4% G=80.0% B=4.6%

Render Index: Ra = 83.0

EEL: 0.10821 A++ Highest

R1 =82 R2 =88 R3 =91 R4 =83 R5 =82 R6 =83 R7 =87

R8 =68 R9 =10 R10=70 R11=81 R12=63 R13=83 R14=95 R15=77

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

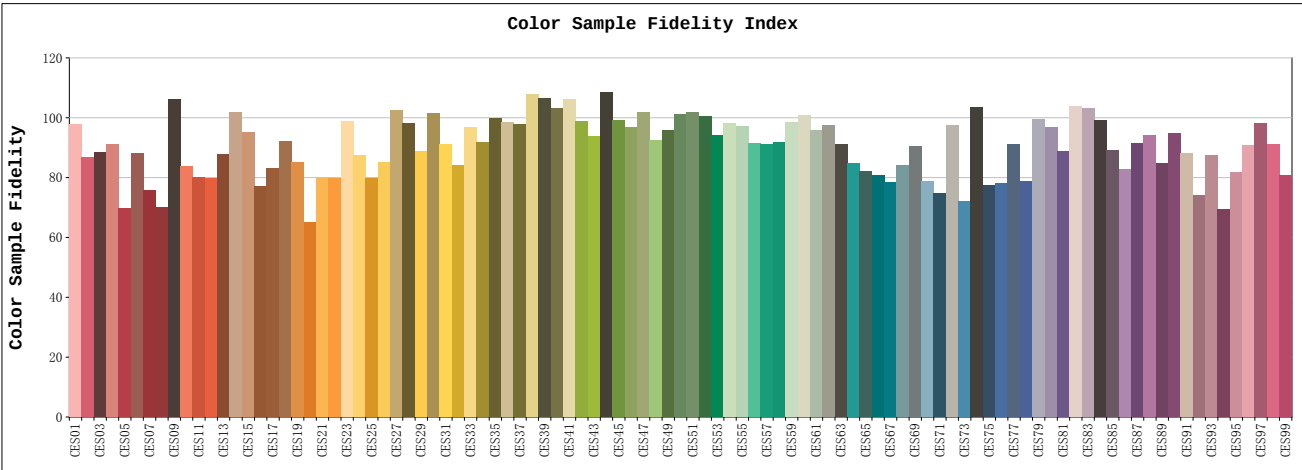
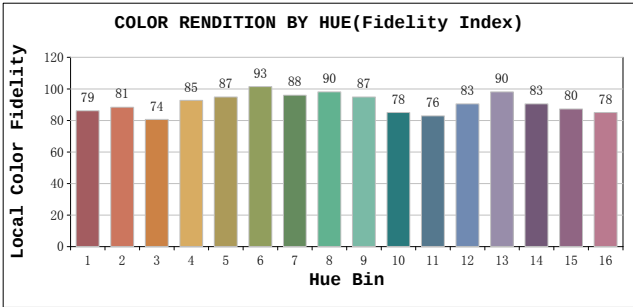
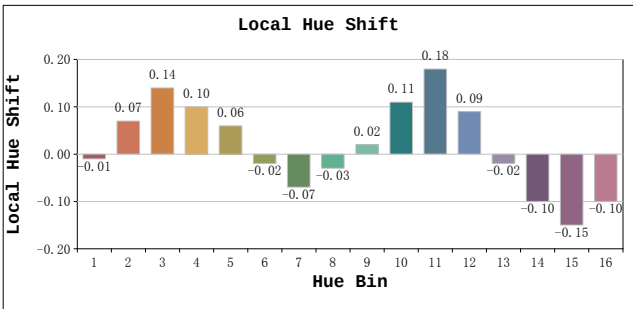
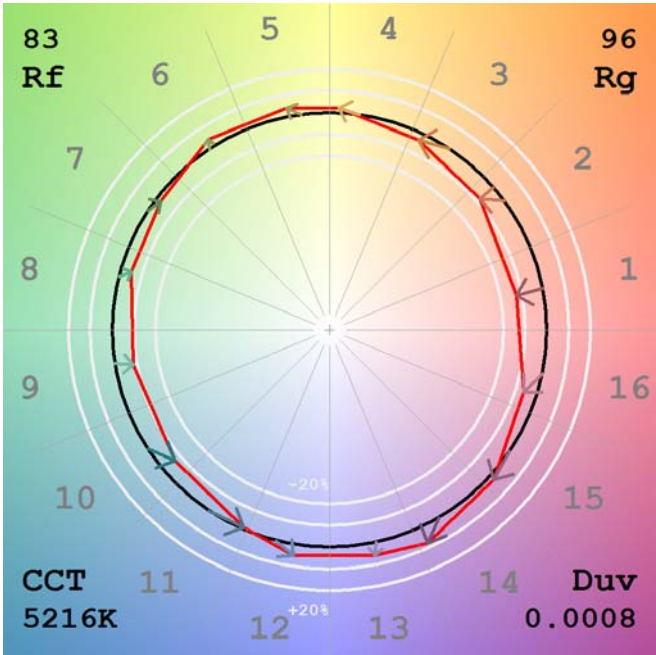
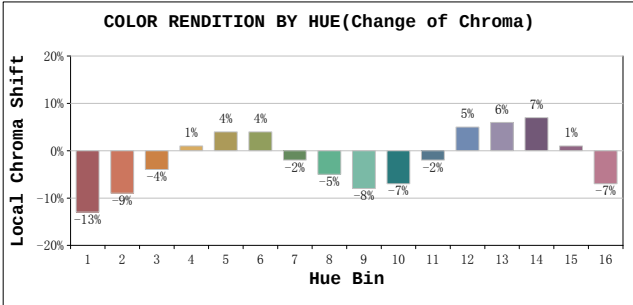
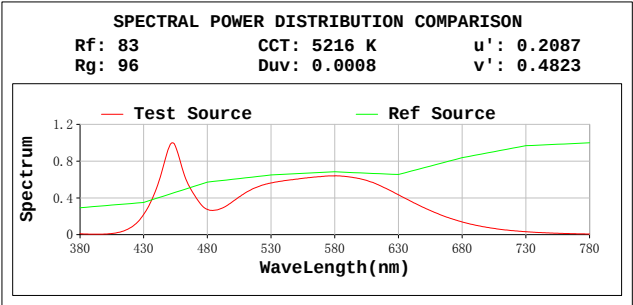
Flux = 445.20 lm Eff. : 101.88 lm/W Fe = 1.4095 W

Flux of emitted photons($\mu\text{mol/s}$):6.4596 Fluo. and blue light ratio:2.997 Fluorescent eff.:184.6

Electrical parameters

V = 120.04 V I = 0.04770 A P = 4.370 W PF = 0.7632

TM30

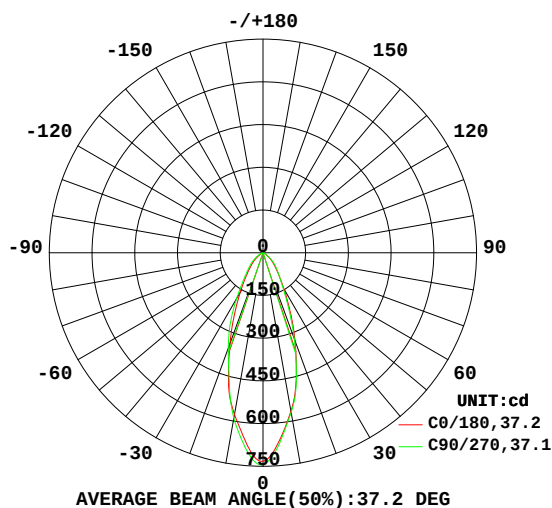


LUMINAIRE PHOTOMETRIC TEST REPORT

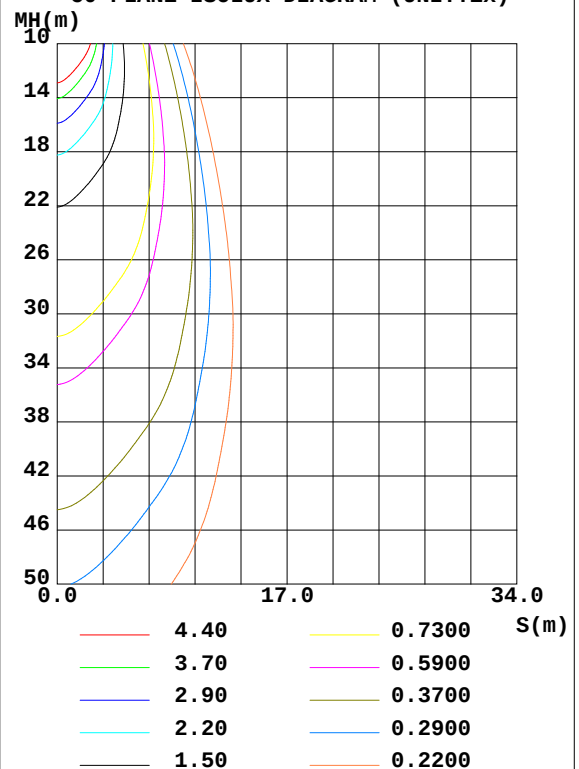
NAME: GU10-4.5-850-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.56 lm/W			
MODEL	GU10	I _{max} (cd)	747.9	S/MH(C0/180)	0.61
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	438.05	η UP, DN(C0-180)	0.0, 47.4
NOMINAL FLUX(lm)	438.052	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 52.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	0.65

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: 2020-01-10

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=0.6277]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

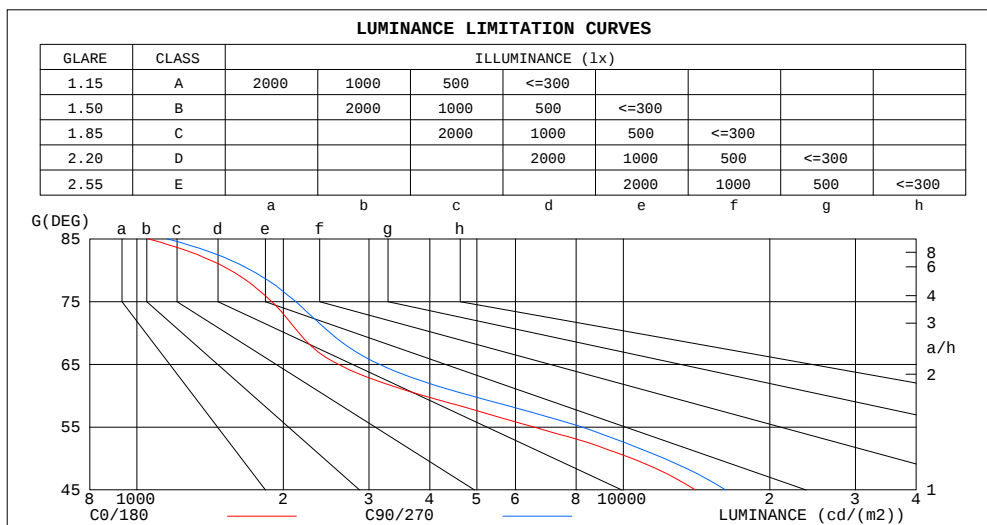
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	662.2	662.5	671.4	673.8	671.4	683.1	691.0	684.2	0- 5	16.88	16.88	3.85,3.85
10	565.7	548.0	569.8	559.8	576.5	575.5	590.8	584.0	5- 10	44.20	61.08	13.9,13.9
15	451.5	425.4	454.4	428.6	468.8	449.8	459.9	455.7	10- 15	60.51	121.6	27.8,27.8
20	329.1	305.1	321.4	313.8	339.3	333.5	357.2	331.3	15- 20	63.31	184.9	42.2,42.2
25	224.6	212.9	211.8	222.8	236.4	252.9	270.7	242.8	20- 25	58.50	243.4	55.6,55.6
30	147.7	142.7	139.6	151.0	159.2	180.0	186.0	170.0	25- 30	49.19	292.6	66.8,66.8
35	99.37	97.01	99.78	102.0	108.5	121.7	123.7	115.1	30- 35	38.76	331.4	75.6,75.6
40	69.36	67.81	75.83	68.57	75.12	83.09	87.53	79.14	35- 40	30.29	361.6	82.6,82.6
45	49.37	47.60	56.86	47.19	53.27	57.69	66.12	54.49	40- 45	23.80	385.4	88,88
50	33.21	32.76	38.68	32.76	35.73	39.58	49.37	36.26	45- 50	18.30	403.7	92.2,92.2
55	18.65	22.59	23.40	22.84	19.94	27.45	33.59	24.17	50- 55	13.21	417.0	95.2,95.2
60	9.634	13.35	12.07	13.72	9.808	18.38	19.61	15.39	55- 60	8.646	425.6	97.2,97.2
65	5.443	7.509	6.610	7.868	5.560	11.59	10.67	9.264	60- 65	5.222	430.8	98.3,98.3
70	3.655	4.627	4.239	4.747	3.704	6.769	5.914	5.554	65- 70	3.210	434.0	99.1,99.1
75	2.429	2.877	2.724	2.909	2.467	3.775	3.388	3.258	70- 75	2.029	436.1	99.5,99.5
80	1.340	1.542	1.478	1.567	1.389	1.932	1.798	1.719	75- 80	1.212	437.3	99.8,99.8
85	0.4555	0.5110	0.4986	0.5381	0.4955	0.6704	0.6374	0.5907	80- 85	0.5682	437.8	100,100
90	0.0014	0.0016	0.0018	0.0024	0.0037	0.0071	0.0065	0.0020	85- 90	0.1241	438.0	100,100
95	0.0010	0.0010	0.0010	0.0011	0.0010	0.0011	0.0010	0.0011	90- 95	0.0006	438.0	100,100
100	0.0011	0.0011	0.0011	0.0014	0.0012	0.0014	0.0012	0.0013	95-100	0.0006	438.0	100,100
105	0.0011	0.0013	0.0014	0.0013	0.0015	0.0014	0.0015	0.0017	100-105	0.0007	438.0	100,100
110	0.0012	0.0029	0.0025	0.0020	0.0018	0.0019	0.0018	0.0020	105-110	0.0009	438.0	100,100
115	0.0021	0.0033	0.0035	0.0027	0.0019	0.0022	0.0022	0.0023	110-115	0.0011	438.0	100,100
120	0.0026	0.0043	0.0049	0.0040	0.0023	0.0026	0.0024	0.0028	115-120	0.0014	438.0	100,100
125	0.0037	0.0053	0.0053	0.0039	0.0032	0.0034	0.0032	0.0034	120-125	0.0017	438.0	100,100
130	0.0041	0.0054	0.0056	0.0044	0.0045	0.0045	0.0050	0.0043	125-130	0.0019	438.0	100,100
135	0.0068	0.0080	0.0082	0.0072	0.0078	0.0076	0.0083	0.0077	130-135	0.0024	438.0	100,100
140	0.0136	0.0150	0.0155	0.0142	0.0133	0.0129	0.0136	0.0133	135-140	0.0039	438.0	100,100
145	0.0237	0.0264	0.0272	0.0249	0.0215	0.0206	0.0208	0.0216	140-145	0.0061	438.0	100,100
150	0.0384	0.0415	0.0431	0.0397	0.0330	0.0312	0.0313	0.0324	145-150	0.0086	438.0	100,100
155	0.0583	0.0604	0.0623	0.0588	0.0499	0.0472	0.0480	0.0482	150-155	0.0113	438.0	100,100
160	0.0789	0.0810	0.0813	0.0806	0.0718	0.0695	0.0702	0.0701	155-160	0.0135	438.0	100,100
165	0.0903	0.0927	0.0923	0.0927	0.0894	0.0894	0.0888	0.0906	160-165	0.0139	438.0	100,100
170	0.0800	0.0817	0.0816	0.0811	0.0834	0.0845	0.0851	0.0888	165-170	0.0107	438.0	100,100
175	0.0543	0.0521	0.0549	0.0546	0.0522	0.0533	0.0556	0.0557	170-175	0.0051	438.1	100,100
180	0.0001	0	0	0	0.0002	0.0005	0.0005	0.0005	175-180	0.0009	438.1	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:2020-01-10

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=0.6277]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: GU10-4.5-850-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1054	1153
80	1556	1716
75	1892	2122
70	2155	2499
65	2596	3154
60	3885	4867
55	6557	8226
50	10417	12132
45	14076	16213

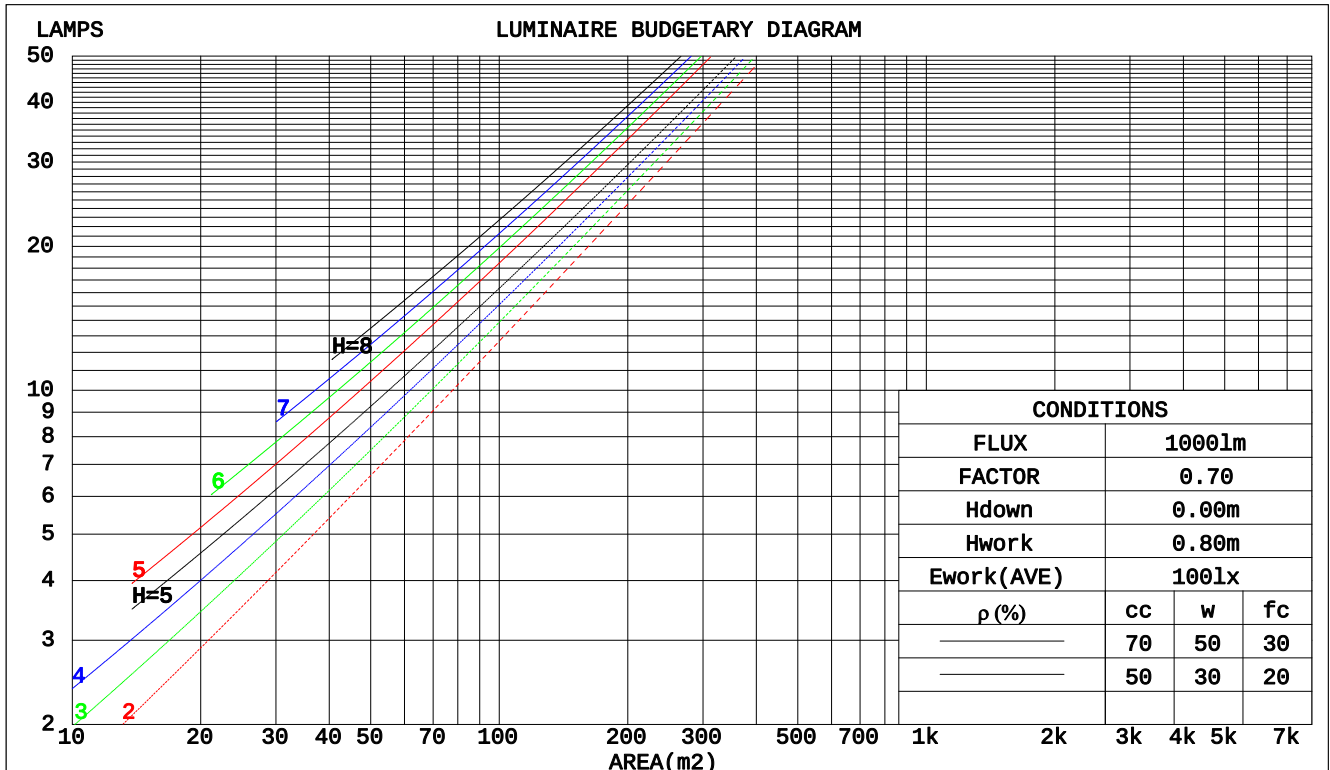
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C Interval: 22.5DEG
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Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 24.3%
Test Distance: 1.900m [K=0.6277]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: GU10-4.5-850-35D-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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.10	1.07	1.05	1.08	1.06	1.03	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.94	.93
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.89	.85	.93	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.80	.79
4.0	.88	.82	.78	.87	.81	.77	.85	.80	.76	.83	.79	.75	.81	.77	.75	.73
5.0	.82	.76	.72	.81	.76	.71	.79	.75	.71	.78	.73	.70	.76	.72	.69	.68
6.0	.77	.71	.67	.76	.71	.66	.75	.70	.66	.73	.69	.65	.72	.68	.65	.63
7.0	.73	.66	.62	.72	.66	.62	.71	.65	.62	.69	.65	.61	.68	.64	.61	.59
8.0	.69	.62	.58	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.57	.56
9.0	.65	.59	.55	.64	.59	.55	.63	.58	.55	.63	.58	.54	.62	.57	.54	.53
10.0	.62	.56	.52	.61	.56	.52	.60	.55	.52	.60	.55	.51	.59	.54	.51	.50



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-01-10

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=0.6277]
Remarks:

WEC AND CCEC

NAME: GU10-4.5-850-35D-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	.190	.108	.034	.183	.105	.033	.171	.098	.031	.159	.092	.029	.148	.086	.028		
2.0	.182	.100	.031	.177	.097	.030	.166	.092	.029	.156	.087	.027	.147	.083	.026		
3.0	.173	.092	.028	.168	.090	.027	.159	.086	.026	.150	.082	.025	.142	.079	.024		
4.0	.164	.085	.025	.159	.083	.025	.152	.080	.024	.144	.077	.023	.137	.075	.023		
5.0	.155	.079	.023	.151	.078	.023	.144	.075	.022	.138	.073	.022	.132	.070	.021		
6.0	.147	.074	.021	.144	.073	.021	.138	.071	.021	.132	.069	.020	.127	.067	.020		
7.0	.140	.069	.020	.137	.068	.019	.131	.066	.019	.126	.065	.019	.121	.063	.019		
8.0	.133	.065	.018	.130	.064	.018	.125	.063	.018	.121	.061	.018	.117	.060	.017		
9.0	.126	.061	.017	.124	.061	.017	.120	.059	.017	.116	.058	.017	.112	.057	.016		
10.0	.121	.058	.016	.119	.057	.016	.115	.056	.016	.111	.055	.016	.108	.054	.016		

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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.133	.111	.135	.114	.096	.093	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.054	.050	.040	.032	.016	.013	.010	
4.0	.136	.099	.071	.117	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.008	
5.0	.127	.088	.059	.109	.076	.051	.075	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.079	.049	.103	.068	.043	.071	.048	.030	.041	.028	.018	.013	.009	.006	
7.0	.113	.071	.041	.097	.062	.036	.067	.043	.026	.039	.025	.015	.013	.008	.005	
8.0	.107	.065	.036	.092	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.102	.060	.031	.088	.052	.027	.061	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.097	.055	.027	.084	.048	.024	.058	.034	.017	.034	.020	.010	.011	.007	.003	

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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=0.6277]
Remarks:

UGR(Unified Glare Rating) Table

NAME: GU10-4.5-850-35D-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	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	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	0.2	0.2	0.2	0.2	0.2
Room dimensions						Viewed crosswise					Viewed endwise				
x = 2H y = 2H						19.5	20.5	19.8	20.7	20.9	20.2	21.2	20.4	21.3	21.5
3H						19.6	20.5	19.8	20.7	20.9	20.2	21.1	20.5	21.3	21.5
4H						19.6	20.4	19.9	20.7	20.9	20.2	21.1	20.5	21.3	21.5
6H						19.5	20.4	19.8	20.6	20.9	20.2	21.0	20.5	21.2	21.5
8H						19.5	20.3	19.8	20.6	20.8	20.1	20.9	20.4	21.2	21.4
12H						19.5	20.2	19.8	20.5	20.8	20.1	20.9	20.4	21.1	21.4
4H 2H						19.6	20.4	19.8	20.7	20.9	20.1	21.0	20.4	21.2	21.4
3H						19.7	20.4	20.0	20.7	21.0	20.2	21.0	20.5	21.2	21.5
4H						19.7	20.4	20.1	20.7	21.0	20.3	20.9	20.6	21.2	21.6
6H						19.7	20.3	20.1	20.6	21.0	20.3	20.9	20.6	21.2	21.6
8H						19.7	20.3	20.1	20.6	21.0	20.3	20.8	20.6	21.2	21.5
12H						19.7	20.2	20.1	20.5	20.9	20.2	20.7	20.6	21.1	21.5
8H 4H						19.6	20.2	20.0	20.6	20.9	20.2	20.7	20.6	21.1	21.5
6H						19.7	20.1	20.1	20.5	21.0	20.2	20.7	20.7	21.1	21.5
8H						19.7	20.1	20.1	20.5	20.9	20.2	20.6	20.7	21.1	21.5
12H						19.7	20.0	20.1	20.5	20.9	20.2	20.6	20.7	21.0	21.5
12H 4H						19.6	20.1	20.0	20.5	20.9	20.1	20.7	20.6	21.0	21.4
6H						19.7	20.1	20.1	20.5	20.9	20.2	20.6	20.6	21.0	21.5
8H						19.7	20.0	20.1	20.4	20.9	20.2	20.5	20.7	21.0	21.5
Variations with the observer position at spacings:															
S = 1.0H						+ 1.4 / - 2.4					+ 1.3 / - 2.1				
1.5H						+ 1.6 / - 1.3					+ 1.3 / - 1.5				
2.0H						+ 3.0 / - 3.2					+ 3.1 / - 3.5				

CIE Pub.117, 438.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.9)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-01-10

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=0.6277]
Remarks:

UTILIZATION FACTORS TABLE

NAME: GU10-4.5-850-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

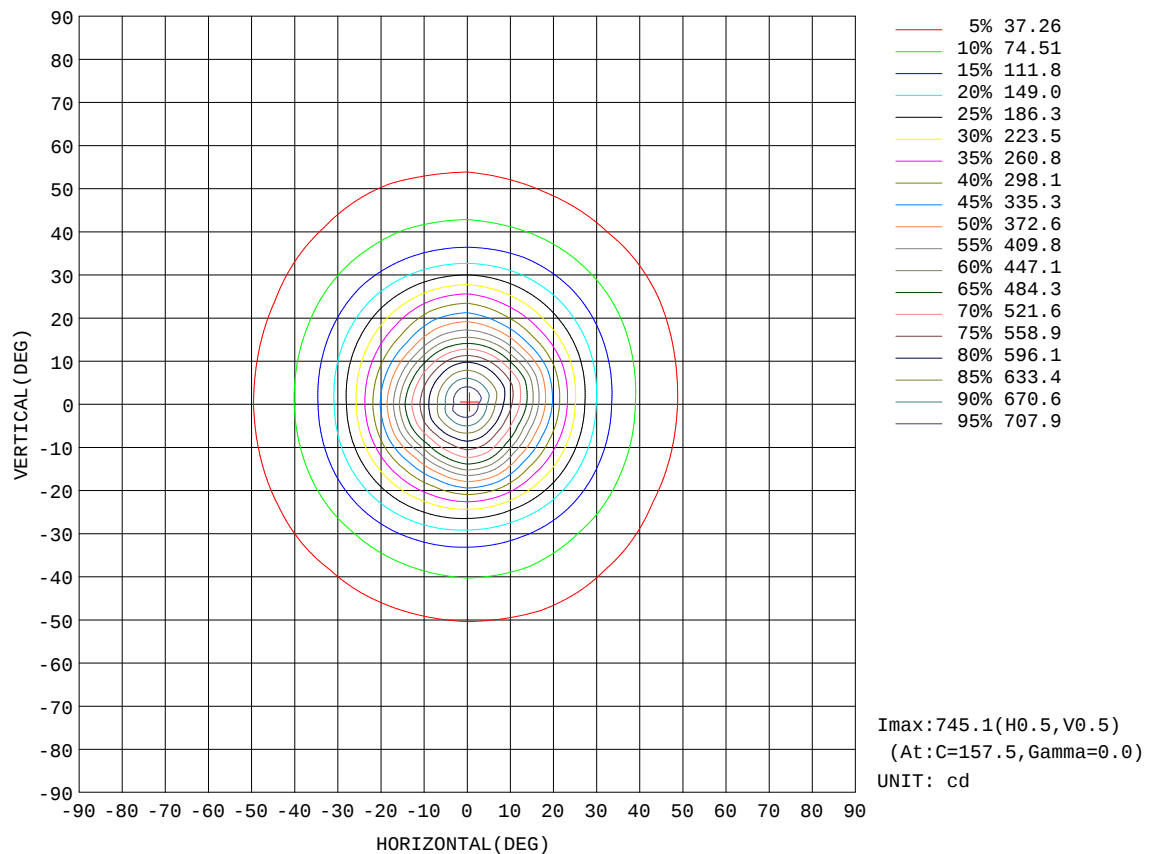
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	80	73	68	80	73	68	79	72	68	64
0.80	89	82	77	88	81	77	87	81	77	72
1.00	95	88	83	94	87	83	92	88	83	78
1.25	99	93	89	98	93	89	96	91	88	83
1.50	103	97	93	101	96	92	99	95	91	86
2.00	106	101	98	105	100	97	102	98	95	90
2.50	108	104	100	107	102	99	103	100	97	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	112	109	107	110	108	105	107	104	102	95
5.00	114	111	109	112	109	107	108	106	104	96
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: 2020-01-10

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=0.6277]
Remarks:

ISOCANDELA DIAGRAM

NAME: GU10-4.5-850-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

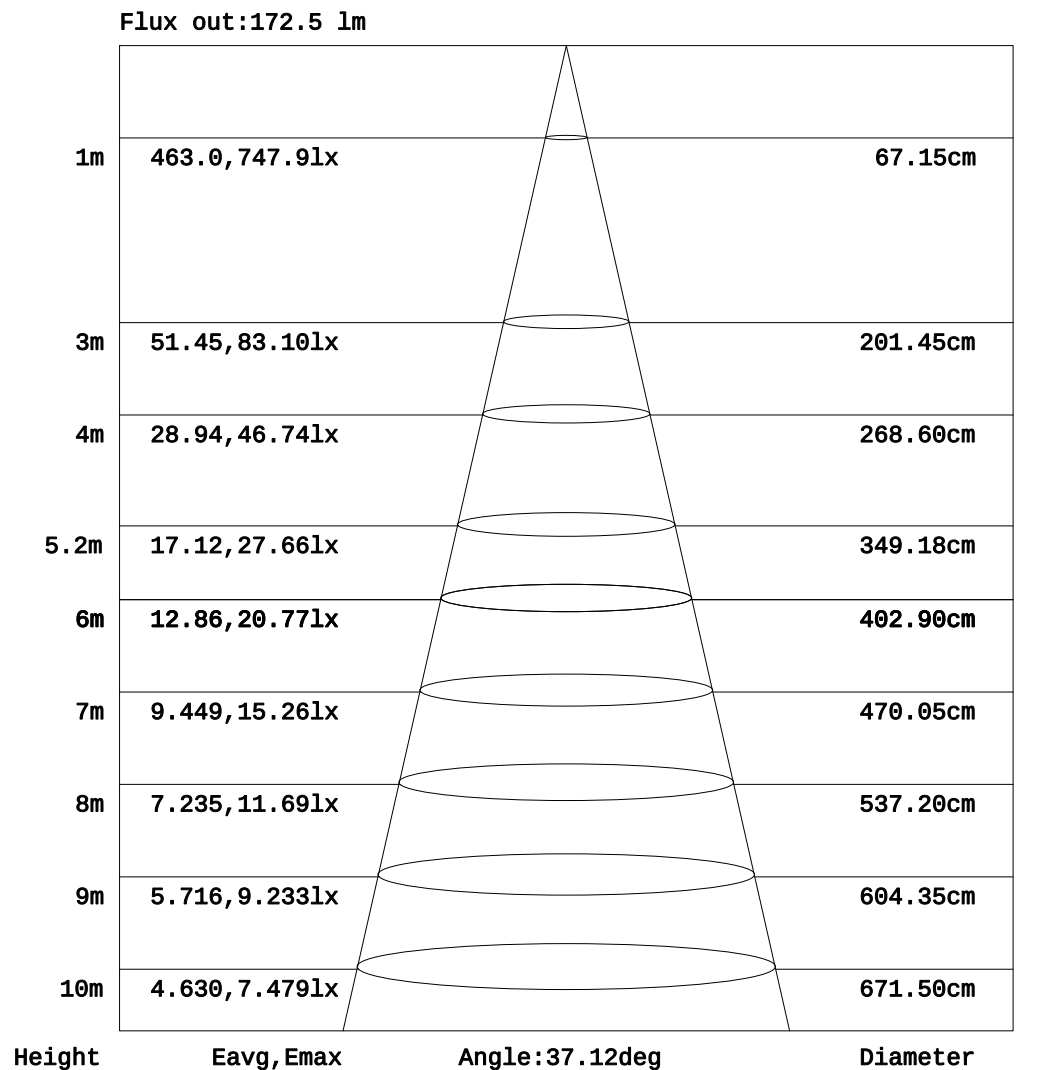


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-01-10

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=0.6277]
Remarks:

AAI Figure

NAME: GU10-4.5-850-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /



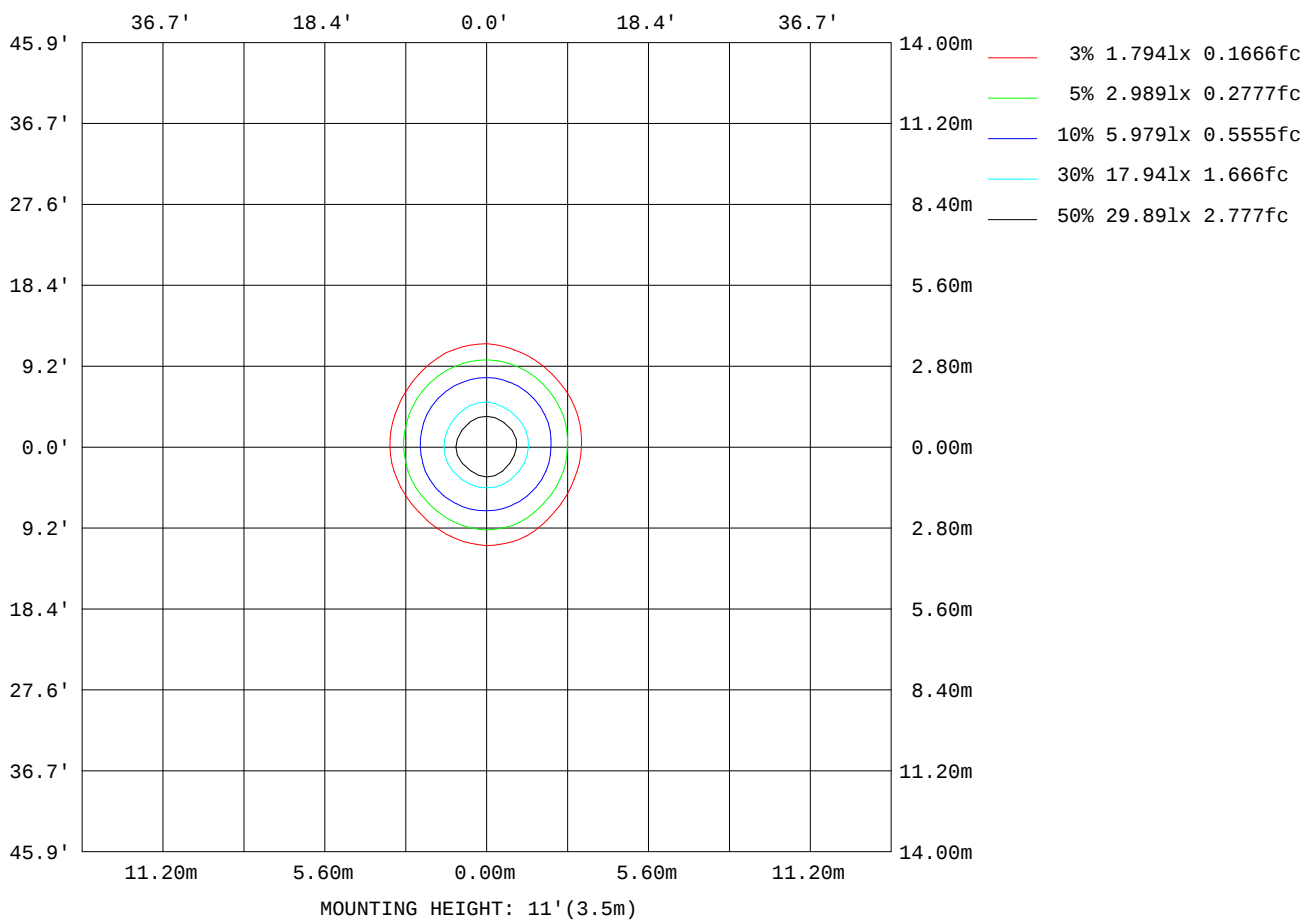
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 27.1DEG
 Operators:
 Test Date: 2020-01-10

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=0.6277]
 Remarks:

ISOLUX DIAGRAM

NAME: GU10-4.5-850-35D-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: 2020-01-10

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=0.6277]
Remarks:

LED Avg.L Report

NAME: GU10-4.5-850-35D-DIM	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: RAB Lighting Inc	SUR.: /	Shielding Angle: /

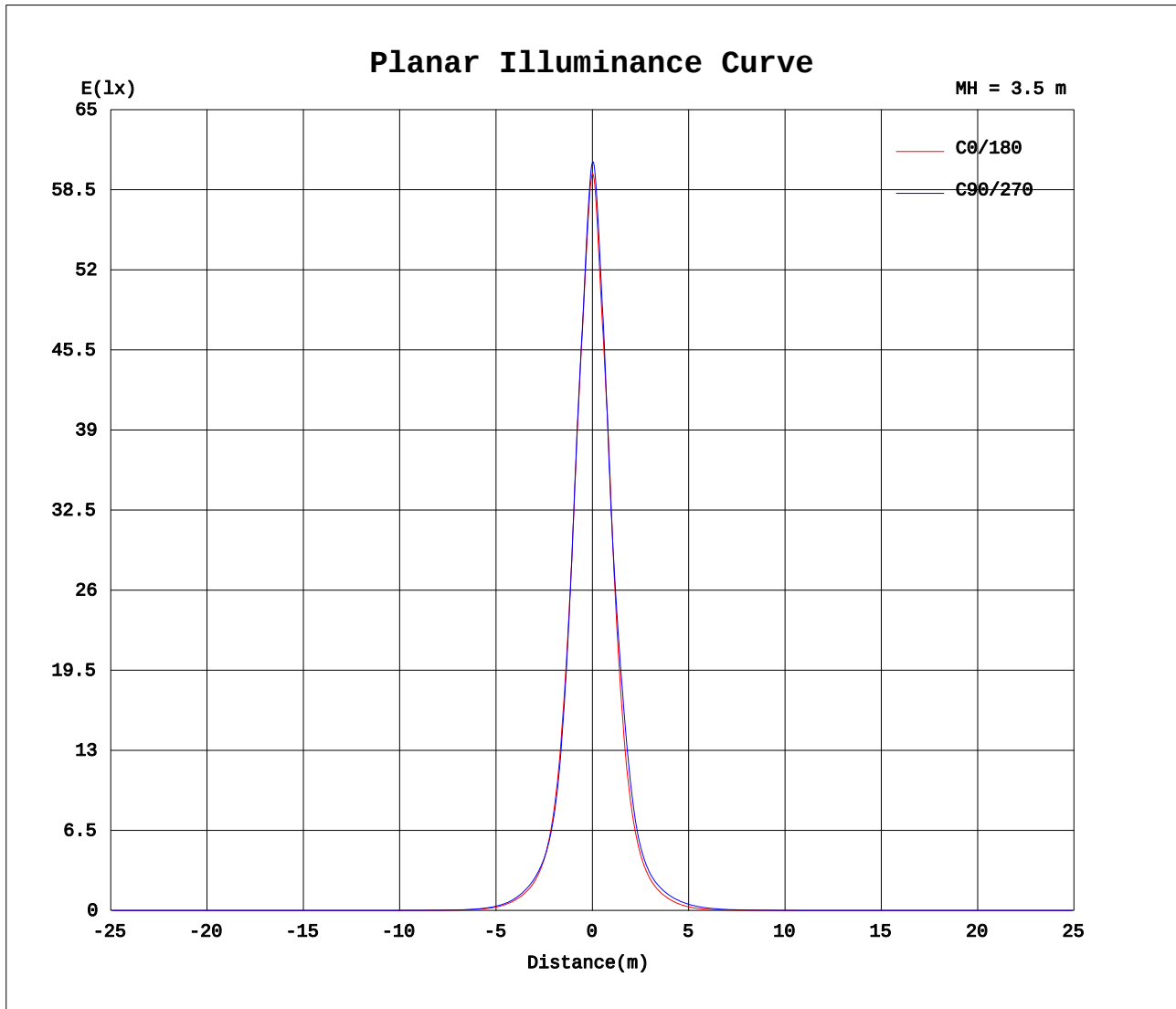
AvgL	cd/m2
L_0~180(65)av	2625
L_0~180(75)av	1907
L_0~180(85)av	1100
L_90~270(65)av	4121
L_90~270(75)av	2381
L_90~270(85)av	1314
L_45(65)av	4322
L_45(75)av	2496
L_45(85)av	1336

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 27.1DEG
 Operators:
 Test Date: 2020-01-10

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=0.6277]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.1DEG
Operators:
Test Date: 2020-01-10

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=0.6277]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: GU10-4.5-850-35D-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	732	736	739	742	744	745	747	748	732	736	739	742	744	745	747	748			
5	662	661	663	668	671	673	674	680	671	678	683	689	691	688	684	681			
10	566	550	548	563	570	559	560	575	576	575	576	586	591	587	584	585			
15	452	425	425	448	454	435	429	456	469	456	450	458	460	458	456	471			
20	329	311	305	318	321	309	314	332	339	336	334	352	357	339	331	340			
25	225	218	213	211	212	215	223	232	236	245	253	266	271	254	243	239			
30	148	145	143	139	140	145	151	156	159	170	180	185	186	179	170	160			
35	99.4	97.3	97.0	98.1	99.8	99.7	102	106	108	115	122	123	124	122	115	107			
40	69.4	67.0	67.8	74.2	75.8	72.3	68.6	71.6	75.1	77.9	83.1	86.5	87.5	84.9	79.1	74.6			
45	49.4	45.6	47.6	55.1	56.9	51.9	47.2	49.0	53.3	53.1	57.7	65.1	66.1	60.2	54.5	52.9			
50	33.2	30.9	32.8	37.5	38.7	35.7	32.8	33.2	35.7	35.5	39.6	47.6	49.4	41.8	36.3	35.4			
55	18.7	20.4	22.6	23.2	23.4	23.9	22.8	20.9	19.9	23.5	27.4	32.2	33.6	28.5	24.2	20.7			
60	9.63	11.8	13.3	12.2	12.1	14.0	13.7	11.3	9.81	14.4	18.4	19.6	19.6	18.8	15.4	11.0			
65	5.44	6.68	7.51	6.79	6.61	7.88	7.87	6.11	5.56	8.37	11.6	11.3	10.7	11.6	9.26	6.30			
70	3.66	4.15	4.63	4.40	4.24	4.77	4.75	3.87	3.70	4.89	6.77	6.50	5.91	6.67	5.55	4.08			
75	2.43	2.61	2.88	2.81	2.72	2.95	2.91	2.54	2.47	2.94	3.77	3.68	3.39	3.78	3.26	2.70			
80	1.34	1.40	1.54	1.51	1.48	1.60	1.57	1.42	1.39	1.59	1.93	1.91	1.80	1.95	1.72	1.49			
85	0.46	0.47	0.51	0.51	0.50	0.54	0.54	0.50	0.50	0.56	0.67	0.67	0.64	0.67	0.59	0.51			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	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	0.01	0.01	0.01	0.01	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	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
135	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
140	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
145	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
150	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
155	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
160	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
165	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09			
170	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09			
175	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06			
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
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γ Range: 0 - 180DEG
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