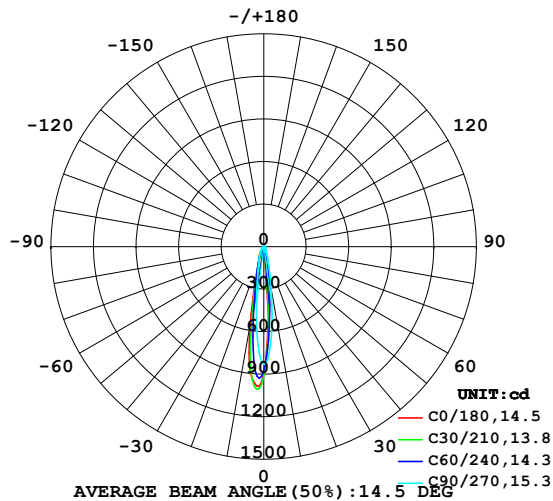


LUMINAIRE PHOTOMETRIC TEST REPORT

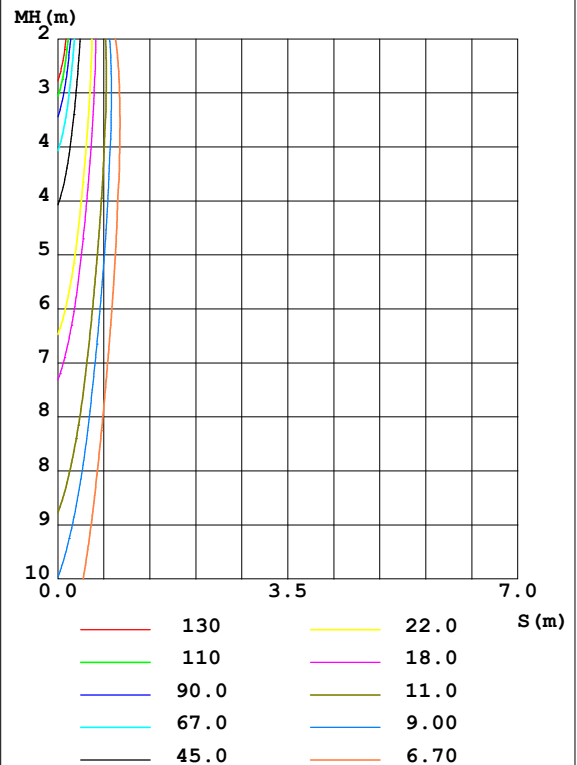
Test:U:219.99V I:0.0440A P:5.3000W PF:0.9000 Freq:49.99Hz Lamp Flux:139.168x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 26.26 lm/W			
MODEL		Imax(cd)	1007	S/MH(C0/180)	0.36
NOMINAL POWER(W)	36	LOR(%)	100.0	S/MH(C90/270)	0.25
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	139.17	η UP,DN(C0-180)	0.4,46.4
NOMINAL FLUX(lm)	139.168	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,52.9
LAMPS INSIDE	1	η up(%)	0.8	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	24	η down(%)	99.2	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	176.8	203.6	311.4	552.5	553.4	428.2	281.2	178.7	0- 10	50.73	50.73	36.5,36.5
20	52.66	56.25	74.49	106.7	89.07	106.6	101.2	67.45	10- 20	45.78	96.51	69.3,69.3
30	12.52	20.39	29.04	27.05	14.43	36.64	53.19	27.06	20- 30	22.36	118.9	85.4,85.4
40	3.386	6.976	13.98	7.487	3.048	11.25	28.85	9.798	30- 40	10.74	129.6	93.1,93.1
50	1.214	2.534	7.577	2.011	0.7342	2.386	13.80	2.749	40- 50	4.714	134.3	96.5,96.5
60	0.4377	0.8361	5.051	0.6936	0.2141	0.7256	6.945	0.8217	50- 60	2.119	136.4	98,98
70	0.1839	0.2561	2.915	0.2736	0.0743	0.2383	3.025	0.2493	60- 70	1.073	137.5	98.8,98.8
80	0.0570	0.1137	0.9217	0.1640	0.0087	0.1071	0.8324	0.1028	70- 80	0.4590	138.0	99.1,99.1
90	0.0132	0.0723	0.1312	0.1181	0.0087	0.0678	0.1400	0.0678	80- 90	0.1420	138.1	99.2,99.2
100	0.0087	0.0678	0.1312	0.1028	0.0087	0.0569	0.1356	0.0678	90-100	0.0817	138.2	99.3,99.3
110	0.0087	0.0678	0.1312	0.0656	0.0131	0.0569	0.1312	0.0634	100-110	0.0731	138.3	99.4,99.4
120	0.0087	0.0722	0.1487	0.0700	0.0132	0.0612	0.1225	0.0634	110-120	0.0677	138.3	99.4,99.4
130	0.0131	0.0875	0.1794	0.0853	0.0262	0.0634	0.1225	0.0744	120-130	0.0657	138.4	99.5,99.5
140	0.0655	0.1706	0.2494	0.1334	0.0744	0.0809	0.1268	0.1290	130-140	0.0752	138.5	99.5,99.5
150	0.4238	0.4616	0.4508	0.2799	0.2015	0.2035	0.3016	0.3894	140-150	0.1298	138.6	99.6,99.6
160	0.8877	0.8813	0.8576	0.6868	0.6086	0.5950	0.6822	0.7875	150-160	0.2441	138.9	99.8,99.8
170	0.8270	0.8617	0.8703	0.9033	0.9316	0.8245	0.7917	0.7546	160-170	0.2374	139.1	99.9,99.9
180	0.6693	0.7174	0.7305	0.7393	0.7043	0.7196	0.7305	0.7196	170-180	0.0757	139.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.99V I:0.0440A P:5.3000W PF:0.9000 Freq:49.99Hz Lamp Flux:139.168x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1	5
80	0	7
75	1	8
70	1	11
65	1	12
60	1	13
55	2	13
50	2	15
45	4	17

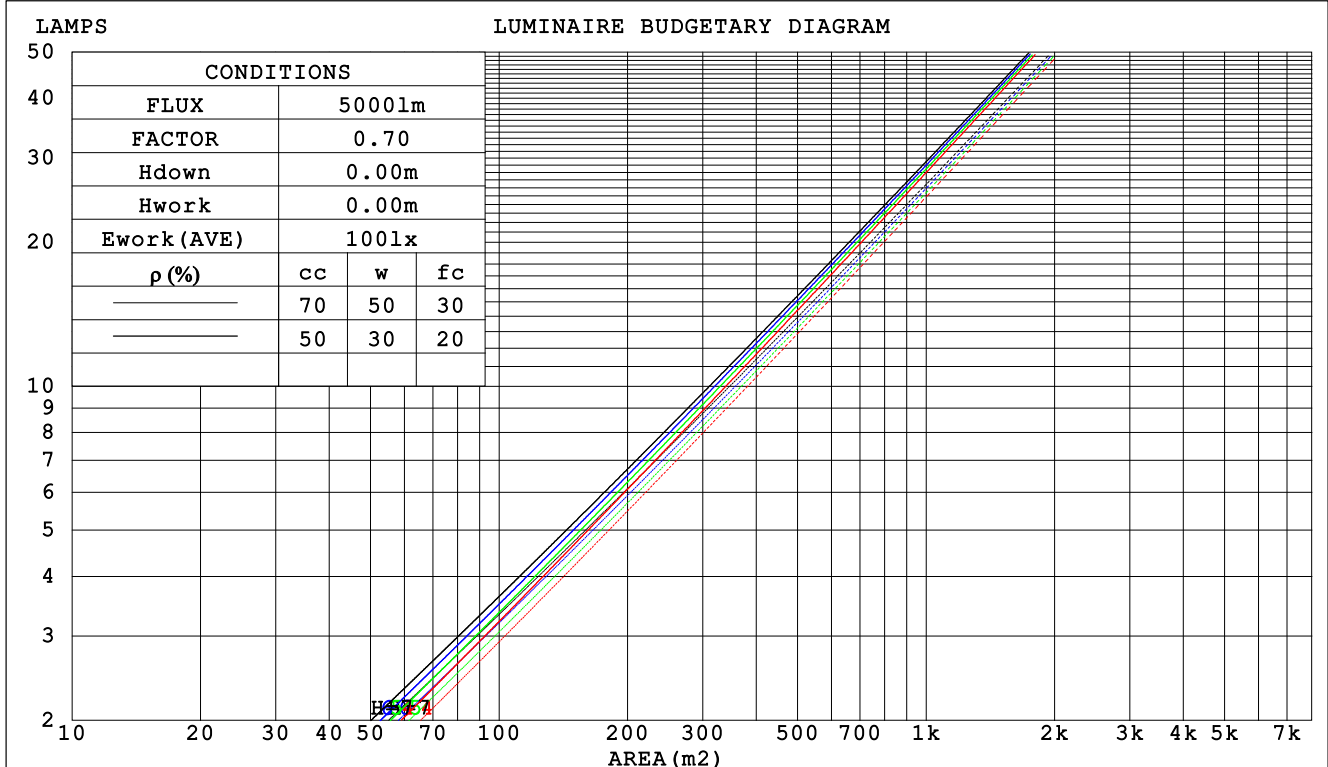
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.99V I:0.0440A P:5.3000W PF:0.9000 Freq:49.99Hz Lamp Flux:139.168x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	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	1.01	1.01	1.01	.99
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	.98	.98	.97	.95
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.94	.95	.94	.92	.91
3.0	1.01	.97	.94	.99	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.92	.89	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.87	.85	.84
5.0	.92	.88	.84	.91	.87	.84	.90	.86	.83	.88	.85	.82	.87	.84	.82	.80
6.0	.89	.84	.81	.88	.84	.81	.87	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.85	.81	.78	.85	.81	.77	.84	.80	.77	.83	.79	.77	.81	.78	.76	.75
8.0	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.73
9.0	.80	.75	.72	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.72	.71
10.0	.78	.73	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.75	.72	.70	.69



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:219.99V I:0.0440A P:5.3000W PF:0.9000 Freq:49.99Hz Lamp Flux:139.168x1 lm					
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2			TYPE:RGBW-RED		WEIGHT:00
SPEC.:15 DEG			DIM.:500mm		SERIAL No.:01
MFR.: 001			SUR.:0.8		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.150	.085	.027	.143	.082	.026	.130	.075	.024	.118	.068	.022	.108	.062	.020		
2.0	.140	.077	.024	.134	.074	.023	.124	.069	.021	.114	.064	.020	.105	.059	.019		
3.0	.131	.070	.021	.126	.068	.020	.117	.064	.019	.109	.060	.018	.101	.056	.017		
4.0	.123	.064	.019	.119	.062	.018	.111	.059	.018	.104	.056	.017	.097	.053	.016		
5.0	.116	.059	.017	.112	.058	.017	.106	.055	.016	.099	.052	.016	.094	.050	.015		
6.0	.109	.055	.016	.106	.054	.015	.100	.051	.015	.095	.049	.015	.090	.047	.014		
7.0	.103	.051	.015	.101	.050	.014	.096	.048	.014	.091	.047	.014	.087	.045	.013		
8.0	.098	.048	.014	.096	.047	.013	.092	.046	.013	.087	.044	.013	.083	.043	.012		
9.0	.094	.045	.013	.092	.045	.013	.088	.043	.012	.084	.042	.012	.080	.041	.012		
10.0	.089	.043	.012	.088	.042	.012	.084	.041	.012	.081	.040	.011	.078	.039	.011		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.175	.163	.153	.150	.140	.132	.102	.096	.091	.059	.056	.053	.019	.018	.017	
2.0	.158	.138	.122	.135	.119	.106	.093	.082	.074	.053	.048	.043	.017	.016	.014	
3.0	.144	.119	.100	.123	.103	.087	.085	.071	.061	.049	.042	.036	.016	.014	.012	
4.0	.132	.104	.083	.113	.090	.072	.078	.063	.051	.045	.037	.030	.014	.012	.010	
5.0	.121	.092	.070	.104	.080	.061	.072	.056	.043	.042	.033	.026	.013	.011	.008	
6.0	.113	.082	.060	.097	.071	.052	.067	.050	.037	.039	.029	.022	.013	.010	.007	
7.0	.105	.074	.052	.091	.064	.045	.063	.045	.032	.036	.027	.019	.012	.009	.006	
8.0	.099	.067	.046	.085	.058	.040	.059	.041	.028	.034	.024	.017	.011	.008	.006	
9.0	.093	.062	.041	.080	.054	.035	.056	.038	.025	.032	.022	.015	.010	.007	.005	
10.0	.088	.057	.036	.076	.050	.032	.053	.035	.023	.031	.021	.013	.010	.007	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.700m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.99V I:0.0440A P:5.3000W PF:0.9000 Freq:49.99Hz Lamp Flux:139.168x1 lm										
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2					TYPE:RGBW-RED			WEIGHT:00		
SPEC.:15 DEG					DIM.:500mm			SERIAL No.:01		
MFR.: 001					SUR.:0.8			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	-9.6	-8.9	-9.4	-8.8	-8.6	-1.7	-1.0	-1.5	-0.8	-0.6
3H	-9.7	-9.0	-9.4	-8.8	-8.6	-0.6	0.1	-0.3	0.3	0.5
4H	-9.7	-9.1	-9.4	-8.9	-8.6	-0.1	0.5	0.1	0.7	1.0
6H	-9.8	-9.2	-9.5	-8.9	-8.7	0.2	0.8	0.5	1.0	1.3
8H	-9.8	-9.2	-9.5	-9.0	-8.7	0.2	0.8	0.5	1.1	1.3
12H	-9.8	-9.3	-9.5	-9.0	-8.7	0.3	0.8	0.6	1.1	1.4
4H 2H	-9.4	-8.7	-9.1	-8.5	-8.3	-1.9	-1.3	-1.6	-1.0	-0.8
3H	-9.4	-8.9	-9.1	-8.6	-8.3	-0.8	-0.2	-0.4	0.1	0.4
4H	-9.5	-8.9	-9.1	-8.6	-8.3	-0.3	0.2	0.1	0.5	0.8
6H	-9.5	-9.1	-9.1	-8.7	-8.4	0.1	0.5	0.5	0.9	1.2
8H	-9.5	-9.1	-9.1	-8.8	-8.4	0.2	0.6	0.6	1.0	1.4
12H	-9.6	-9.2	-9.2	-8.8	-8.4	0.3	0.6	0.7	1.0	1.4
8H 4H	-9.4	-9.0	-9.0	-8.6	-8.3	-0.4	-0.0	-0.0	0.3	0.7
6H	-9.5	-9.1	-9.0	-8.7	-8.3	-0.1	0.3	0.4	0.7	1.1
8H	-9.5	-9.2	-9.0	-8.8	-8.3	0.1	0.4	0.5	0.8	1.3
12H	-9.5	-9.3	-9.0	-8.8	-8.3	0.2	0.4	0.6	0.9	1.4
12H 4H	-9.4	-9.0	-9.0	-8.6	-8.2	-0.5	-0.1	-0.1	0.3	0.7
6H	-9.4	-9.1	-9.0	-8.7	-8.2	-0.1	0.2	0.3	0.6	1.1
8H	-9.5	-9.2	-9.0	-8.7	-8.3	0.0	0.3	0.5	0.7	1.2
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 4.2					+ 1.3 / - 1.1				
1.5H	+ 2.1 / - 3.6					+ 2.4 / - 2.3				
2.0H	+ 2.8 / - 3.8					+ 2.9 / - 3.5				

CIE Pub.117, 139.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.9)
Area: 0.8 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.99V I:0.0440A P:5.3000W PF:0.9000 Freq:49.99Hz Lamp Flux:139.168x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

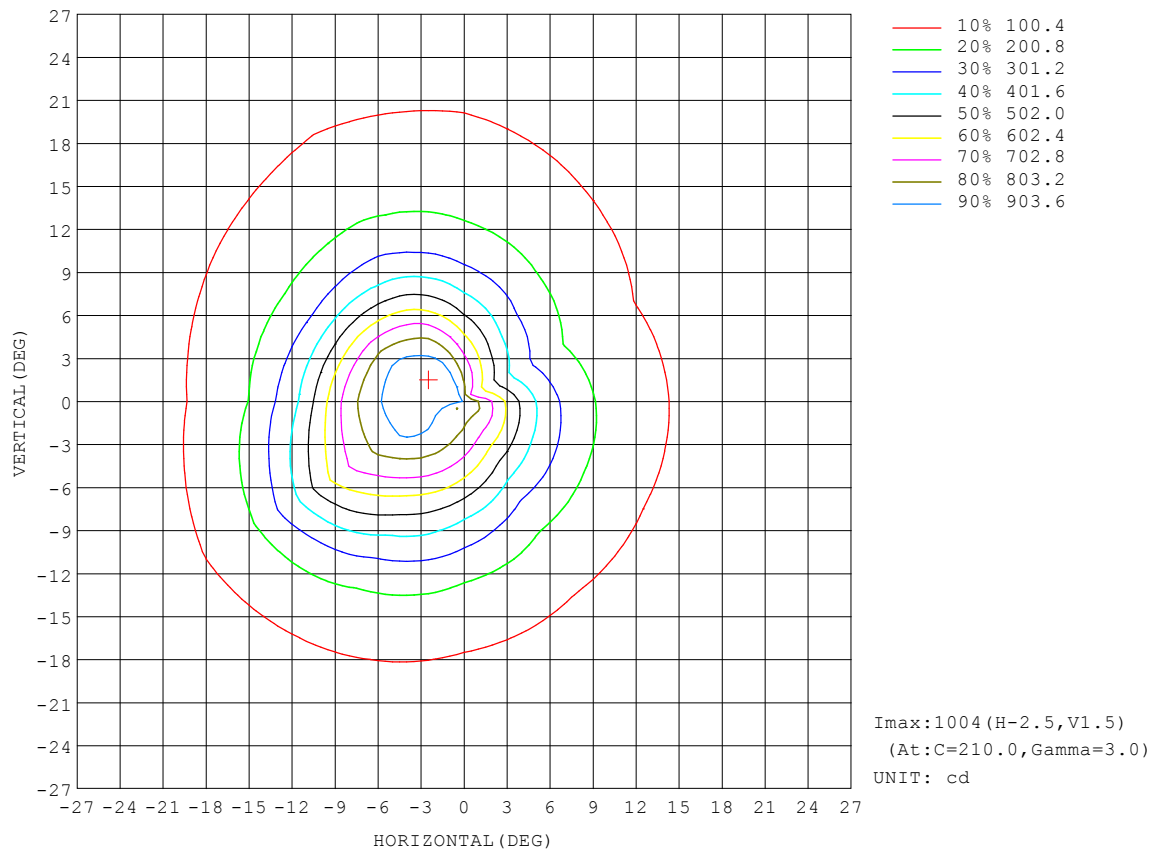
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	93	88	85	81
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	95
4.00	114	111	109	111	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.99V I:0.0440A P:5.3000W PF:0.9000 Freq:49.99Hz Lamp Flux:139.168x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

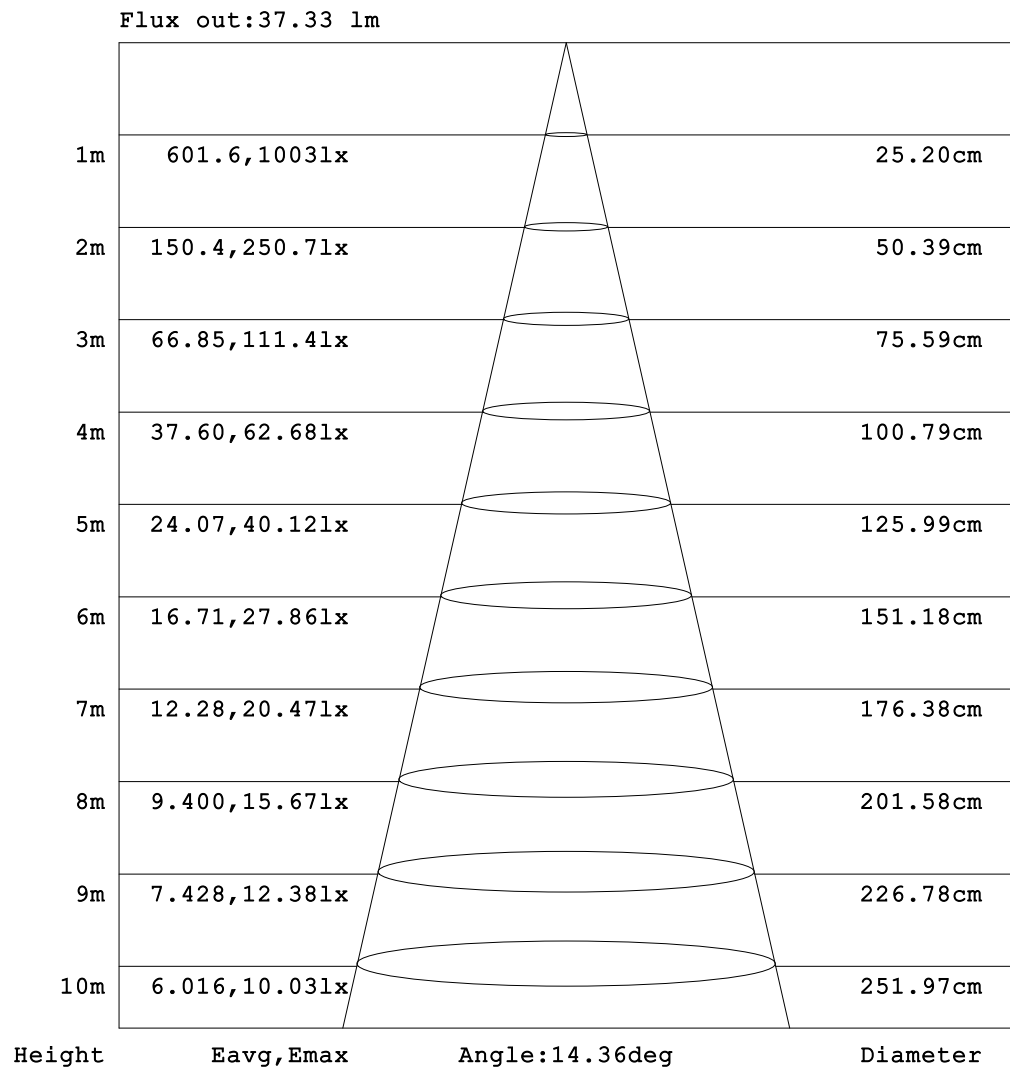


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

AAI Figure

Test:U:219.99V I:0.0440A P:5.3000W PF:0.9000 Freq:49.99Hz Lamp Flux:139.168x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



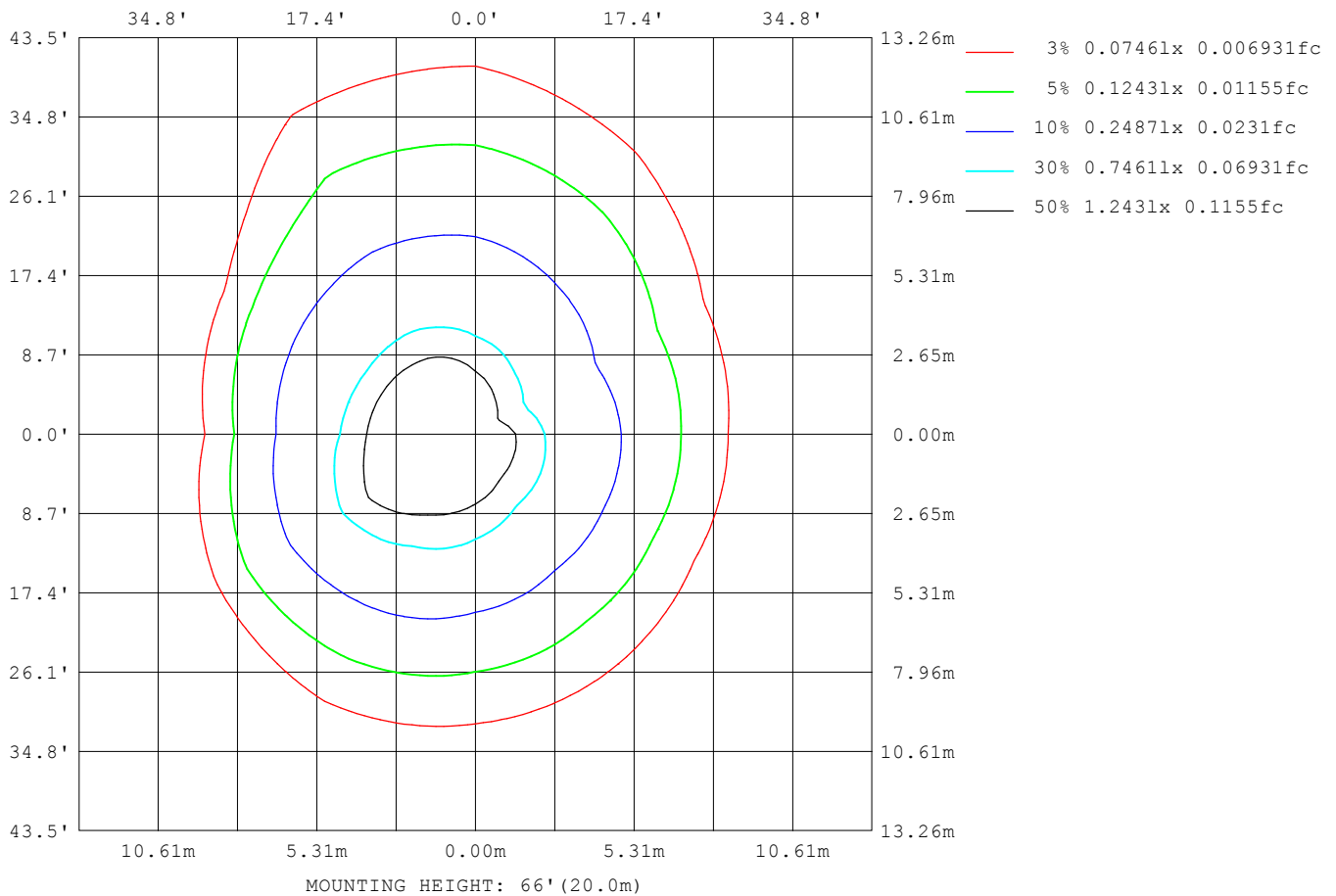
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.700m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:219.99V I:0.0440A P:5.3000W PF:0.9000 Freq:49.99Hz Lamp Flux:139.168x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

LED Avg.L Report

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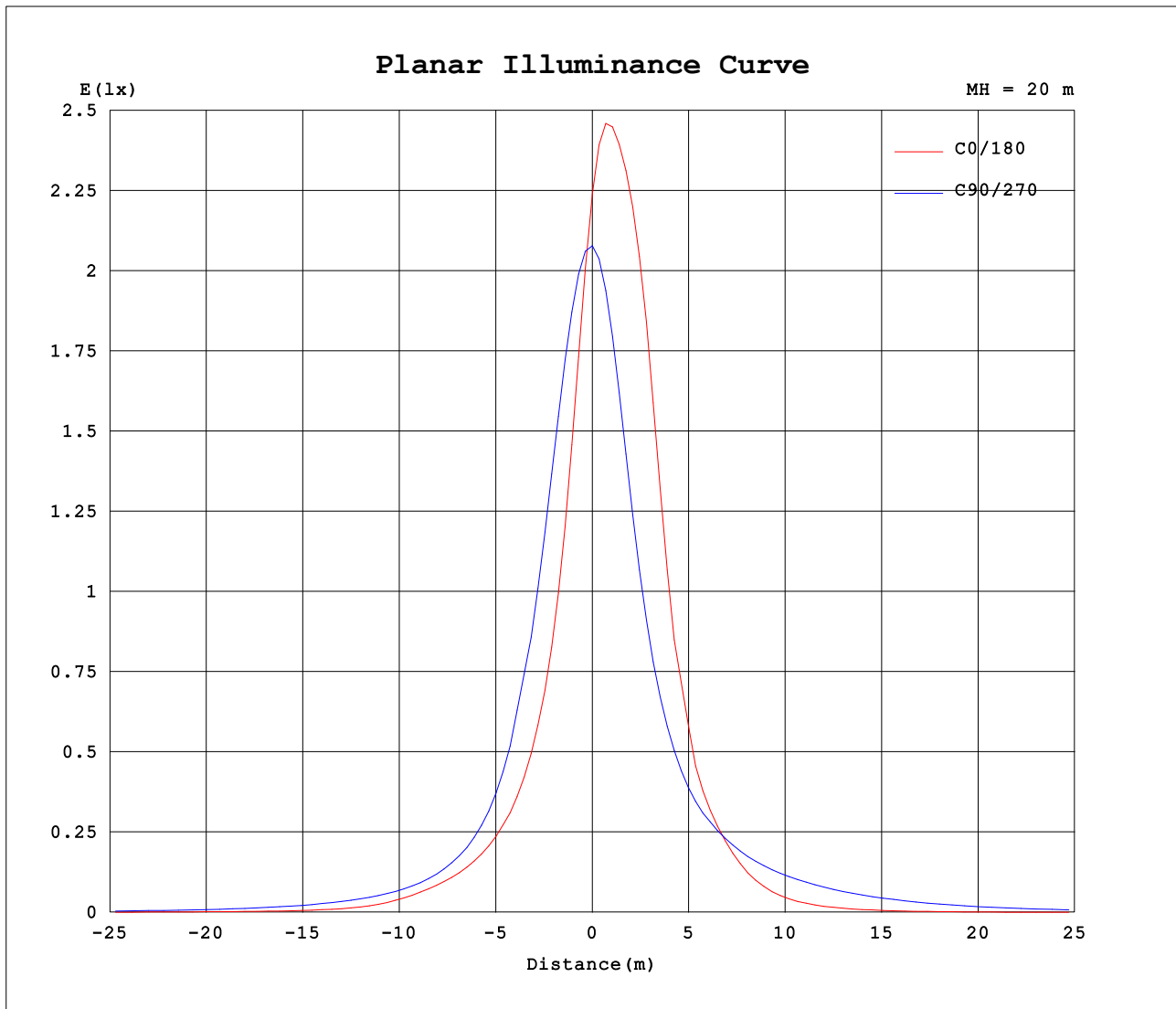
AvgL	cd/m2
L_0~180 (65) av	1
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	13
L_90~270 (75) av	9
L_90~270 (85) av	4
L_45 (65) av	1
L_45 (75) av	0
L_45 (85) av	1

Standard: GB/T 29293-2012

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Planar Illuminance Curve



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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
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Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	895	913	876	831	781	724	895	913	876	831	781	724							
5	403	433	489	626	768	905	936	942	811	578	415	314							
10	177	191	216	311	445	660	553	467	389	281	207	150							
15	92.1	94.2	106	140	200	304	203	188	187	154	119	87.9							
20	52.7	52.5	60.0	74.5	96.6	117	89.1	102	111	101	79.4	55.5							
25	28.9	30.3	37.6	44.1	53.3	54.4	34.5	47.2	76.7	71.5	56.1	33.7							
30	12.5	16.3	24.5	29.0	32.0	22.1	14.4	18.9	54.4	53.2	38.8	15.3							
35	6.02	7.81	15.8	20.0	19.9	9.43	6.45	7.87	35.7	39.4	26.1	6.75							
40	3.39	4.00	9.95	14.0	10.6	4.37	3.05	3.82	18.7	28.8	16.1	3.46							
45	2.08	2.29	6.17	9.88	5.27	2.23	1.45	2.04	8.10	20.4	8.39	2.07							
50	1.21	1.35	3.71	7.58	2.85	1.18	0.73	1.10	3.68	13.8	4.25	1.25							
55	0.72	0.69	2.23	6.12	1.70	0.62	0.40	0.62	1.91	9.61	2.21	0.69							
60	0.44	0.33	1.34	5.05	1.05	0.34	0.21	0.31	1.14	6.95	1.24	0.40							
65	0.30	0.23	0.76	4.08	0.61	0.22	0.14	0.24	0.61	4.71	0.62	0.29							
70	0.18	0.15	0.36	2.92	0.36	0.18	0.07	0.18	0.30	3.02	0.31	0.19							
75	0.11	0.09	0.25	1.75	0.27	0.13	0.03	0.12	0.20	1.78	0.19	0.14							
80	0.06	0.05	0.18	0.92	0.22	0.10	0.01	0.09	0.12	0.83	0.12	0.08							
85	0.03	0.04	0.14	0.32	0.19	0.09	0.01	0.07	0.09	0.25	0.09	0.07							
90	0.01	0.04	0.10	0.13	0.17	0.07	0.01	0.05	0.09	0.14	0.09	0.05							
95	0.01	0.04	0.09	0.13	0.16	0.06	0.01	0.04	0.09	0.14	0.09	0.05							
100	0.01	0.04	0.09	0.13	0.15	0.05	0.01	0.03	0.09	0.14	0.09	0.05							
105	0.01	0.04	0.09	0.13	0.09	0.04	0.02	0.03	0.09	0.14	0.09	0.04							
110	0.01	0.04	0.09	0.13	0.09	0.04	0.01	0.03	0.09	0.13	0.09	0.04							
115	0.01	0.05	0.09	0.14	0.10	0.04	0.01	0.03	0.09	0.13	0.09	0.04							
120	0.01	0.05	0.09	0.15	0.10	0.04	0.01	0.03	0.10	0.12	0.09	0.04							
125	0.01	0.06	0.09	0.17	0.10	0.05	0.02	0.03	0.10	0.12	0.10	0.04							
130	0.01	0.07	0.10	0.18	0.10	0.07	0.03	0.03	0.10	0.12	0.11	0.04							
135	0.01	0.10	0.14	0.21	0.13	0.08	0.04	0.03	0.11	0.12	0.13	0.04							
140	0.07	0.16	0.18	0.25	0.16	0.11	0.07	0.05	0.11	0.13	0.17	0.09							
145	0.19	0.27	0.27	0.31	0.21	0.17	0.12	0.07	0.18	0.19	0.25	0.19							
150	0.42	0.49	0.43	0.45	0.31	0.25	0.20	0.15	0.25	0.30	0.39	0.38							
155	0.71	0.74	0.66	0.65	0.49	0.41	0.35	0.31	0.42	0.49	0.61	0.63							
160	0.89	0.93	0.84	0.86	0.71	0.66	0.61	0.55	0.64	0.68	0.78	0.80							
165	0.92	0.99	0.95	0.93	0.87	0.88	0.86	0.77	0.82	0.79	0.80	0.83							
170	0.83	0.80	0.92	0.87	0.90	0.91	0.93	0.84	0.80	0.79	0.75	0.76							
175	0.69	0.69	0.80	0.83	0.85	0.83	0.84	0.82	0.74	0.76	0.72	0.69							
180	0.67	0.69	0.75	0.73	0.74	0.74	0.70	0.72	0.72	0.73	0.73	0.71							

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