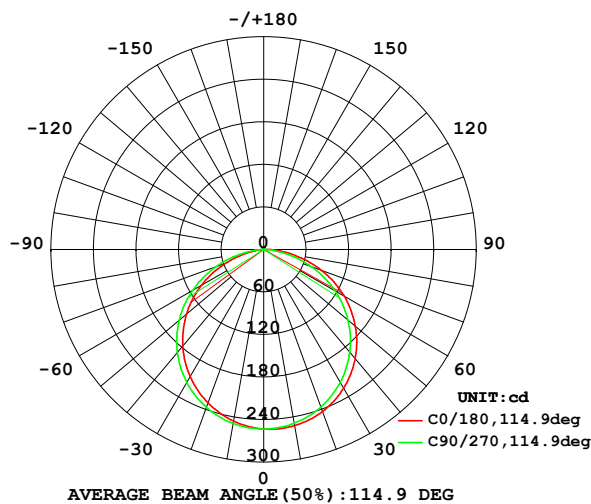


**LUMINAIRE PHOTOMETRIC TEST REPORT**

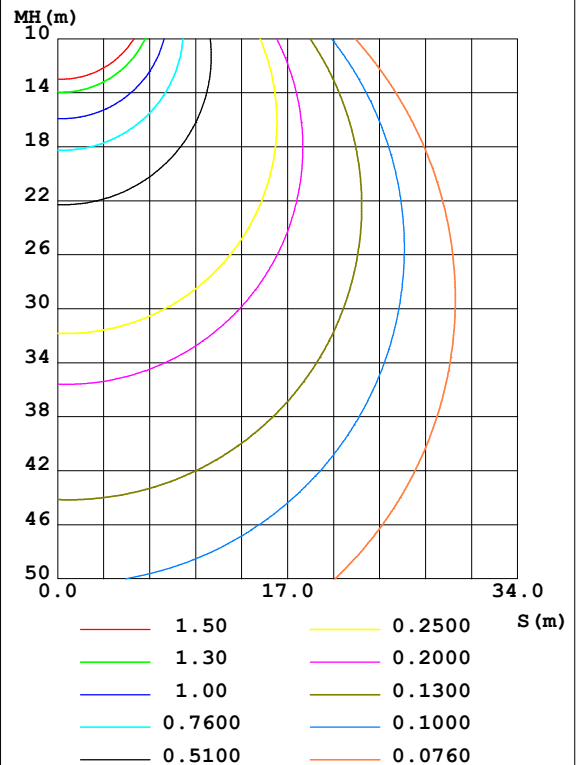
Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm		
NAME: LED Flush Mount	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Maxim Lighting International Inc	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 54.56 lm/W			
MODEL	87615WTBZ	I <sub>max</sub> (cd)	254.1	S/MH (C0/180)	1.22
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	742.79	η UP, DN (C0-180)	0.2, 50.3
NOMINAL FLUX (lm)	742.794	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 49.3
LAMPS INSIDE	1	η up (%)	0.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	99.6	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: 25.3DEG  
 Operators: J/R  
 Test Date: 2014-06-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
 Humidity: 65.0%  
 Test Distance: 1.532m [K=1.0000]  
 Remarks: 120VAC, 60HZ

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	252.3	251.5	249.0	246.4	245.6	246.9	249.1	251.6	0- 10	23.98	23.98	3.23,3.23
20	243.2	241.4	236.5	231.6	230.2	232.3	236.9	241.6	10- 20	68.85	92.83	12.5,12.5
30	225.8	223.2	216.4	209.5	207.4	210.2	216.9	223.7	20- 30	104.9	197.7	26.6,26.6
40	200.9	197.6	189.0	180.5	177.8	181.2	189.6	198.1	30- 40	127.5	325.3	43.8,43.8
50	169.0	165.1	155.2	145.5	142.3	146.2	155.8	165.6	40- 50	133.6	458.9	61.8,61.8
60	130.8	126.6	115.9	105.4	101.7	105.8	116.1	126.9	50- 60	122.0	580.8	78.2,78.2
70	87.16	82.86	71.94	61.13	57.32	61.48	71.96	83.12	60- 70	93.44	674.3	90.8,90.8
80	41.06	37.12	27.55	18.79	15.67	18.71	27.38	37.32	70- 80	52.38	726.7	97.8,97.8
90	4.585	3.007	0.7347	0.1961	0.1716	0.1985	0.7015	2.986	80- 90	13.09	739.7	99.6,99.6
100	0.0216	0.0217	0.0269	0.0305	0.0279	0.0175	0.0128	0.0121	90-100	0.3090	740.1	99.6,99.6
110	0.0565	0.0676	0.0577	0.0730	0.0961	0.0635	0.0548	0.0305	100-110	0.0405	740.1	99.6,99.6
120	0.1766	0.1692	0.1121	0.1196	0.4182	0.2052	0.1819	0.1281	110-120	0.1055	740.2	99.7,99.7
130	0.6138	0.3018	0.3989	0.1847	0.9608	0.4213	0.2452	0.2851	120-130	0.2529	740.5	99.7,99.7
140	0.8968	0.4502	0.8534	0.3985	1.047	1.006	0.2237	0.6854	130-140	0.4006	740.9	99.7,99.7
150	1.465	1.346	0.9775	0.9695	1.729	1.731	0.8426	1.330	140-150	0.6101	741.5	99.8,99.8
160	2.077	2.566	0.9766	1.661	2.199	0.7964	1.745	1.426	150-160	0.6934	742.2	99.9,99.9
170	2.211	1.909	1.346	1.383	1.545	1.971	1.666	1.611	160-170	0.5148	742.7	100,100
180	0	0	0	0.2217	0	0	0	0	170-180	0.1210	742.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

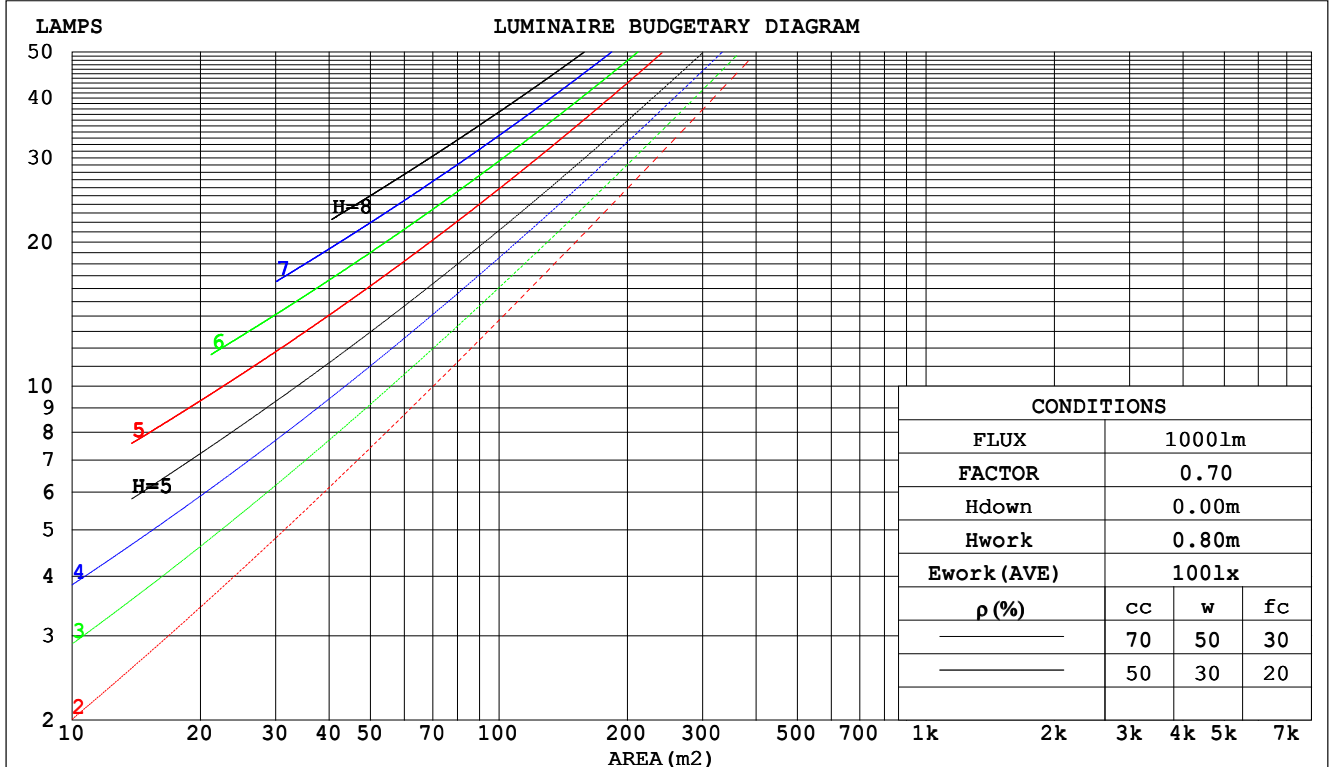
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:J/R  
Test Date:2014-06-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:1.532m [K=1.0000]  
Remarks: 120VAC,60HZ

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm		
NAME: LED Flush Mount	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Maxim Lighting International Inc	SUR.:	PROTECTION 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						Coefficients of Utilization(CU)									
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	1.04	.99	.96	1.01	.98	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:J/R  
 Test Date:2014-06-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:1.532m [K=1.0000]  
 Remarks: 120VAC,60HZ

# WEC AND CCEC

Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm					
NAME: LED Flush Mount			TYPE:LED		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:1
MFR.: Maxim Lighting International Inc			SUR.:		PROTECTION 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	.310	.176	.056	.303	.173	.055	.289	.166	.053	.277	.160	.051	.266	.154	.050		
2.0	.293	.160	.049	.286	.158	.049	.274	.153	.047	.263	.148	.046	.253	.143	.045		
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040		
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.231	.118	.034	.227	.116	.034	.219	.114	.033	.211	.111	.033	.203	.109	.033		
6.0	.214	.107	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021		

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	.194	.194	.194	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.183	.159	.137	.157	.137	.118	.107	.094	.082	.062	.054	.048	.020	.018	.015	
2.0	.176	.135	.101	.150	.116	.087	.103	.080	.061	.059	.047	.036	.019	.015	.012	
3.0	.168	.117	.077	.144	.101	.067	.099	.070	.047	.057	.041	.028	.018	.013	.009	
4.0	.160	.104	.061	.138	.090	.053	.095	.063	.038	.055	.037	.022	.018	.012	.007	
5.0	.153	.094	.050	.131	.081	.044	.090	.057	.031	.052	.033	.018	.017	.011	.006	
6.0	.146	.085	.042	.125	.074	.037	.086	.052	.026	.050	.030	.015	.016	.010	.005	
7.0	.139	.079	.036	.119	.068	.032	.083	.048	.022	.048	.028	.013	.015	.009	.004	
8.0	.132	.073	.032	.114	.063	.028	.079	.044	.020	.046	.026	.012	.015	.009	.004	
9.0	.126	.068	.028	.109	.059	.025	.075	.041	.018	.044	.024	.010	.014	.008	.003	
10.0	.121	.064	.026	.104	.055	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:J/R  
Test Date:2014-06-13

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:1.532m [K=1.0000]  
Remarks: 120VAC,60HZ

## UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm											
NAME: LED Flush Mount					TYPE:LED			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:1			
MFR.: Maxim Lighting International Inc					SUR.:			PROTECTION 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		16.6	18.1	16.9	18.3	18.5	16.1	17.7	16.4	17.9	18.1
	3H	18.3	19.7	18.6	20.0	20.2	17.7	19.1	18.0	19.3	19.6
	4H	19.1	20.4	19.4	20.7	20.9	18.3	19.6	18.6	19.9	20.1
	6H	19.6	20.9	20.0	21.2	21.5	18.6	19.9	19.0	20.2	20.5
	8H	19.8	21.1	20.2	21.3	21.6	18.7	19.9	19.1	20.2	20.5
	12H	20.0	21.2	20.3	21.5	21.8	18.8	19.9	19.1	20.2	20.6
4H	2H	17.2	18.6	17.5	18.8	19.1	16.9	18.2	17.2	18.5	18.7
	3H	19.1	20.3	19.5	20.6	20.9	18.6	19.8	19.0	20.1	20.4
	4H	20.0	21.1	20.4	21.4	21.8	19.3	20.4	19.7	20.7	21.1
	6H	20.7	21.7	21.1	22.0	22.4	19.8	20.8	20.2	21.1	21.5
	8H	21.0	21.9	21.4	22.3	22.6	20.0	20.9	20.4	21.2	21.6
	12H	21.2	22.0	21.6	22.4	22.8	20.0	20.8	20.5	21.2	21.7
8H	4H	20.3	21.2	20.7	21.6	21.9	19.7	20.6	20.1	20.9	21.3
	6H	21.2	21.9	21.6	22.3	22.8	20.3	21.1	20.8	21.5	21.9
	8H	21.5	22.2	22.0	22.6	23.1	20.6	21.2	21.0	21.7	22.1
	12H	21.8	22.4	22.3	22.9	23.3	20.7	21.3	21.2	21.7	22.2
12H	4H	20.3	21.1	20.7	21.5	21.9	19.7	20.5	20.2	20.9	21.3
	6H	21.2	21.9	21.7	22.3	22.8	20.4	21.1	20.9	21.5	22.0
	8H	21.6	22.2	22.1	22.7	23.1	20.7	21.3	21.2	21.7	22.2
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 / - 0.4					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 742.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.0)

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:J/R  
Test Date:2014-06-13

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:1.532m [K=1.0000]  
Remarks: 120VAC,60HZ

### UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm		
NAME: LED Flush Mount	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Maxim Lighting International Inc	SUR.:	PROTECTION 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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	73
3.00	102	95	90	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	101	98	95	86
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:25.3DEG  
Operators:J/R  
Test Date:2014-06-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:1.532m [K=1.0000]  
Remarks: 120VAC, 60HZ

**ISOCANDELA DIAGRAM**

Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm		
NAME: LED Flush Mount	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Maxim Lighting International Inc	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

392.41 lm

%lum = 52.8%

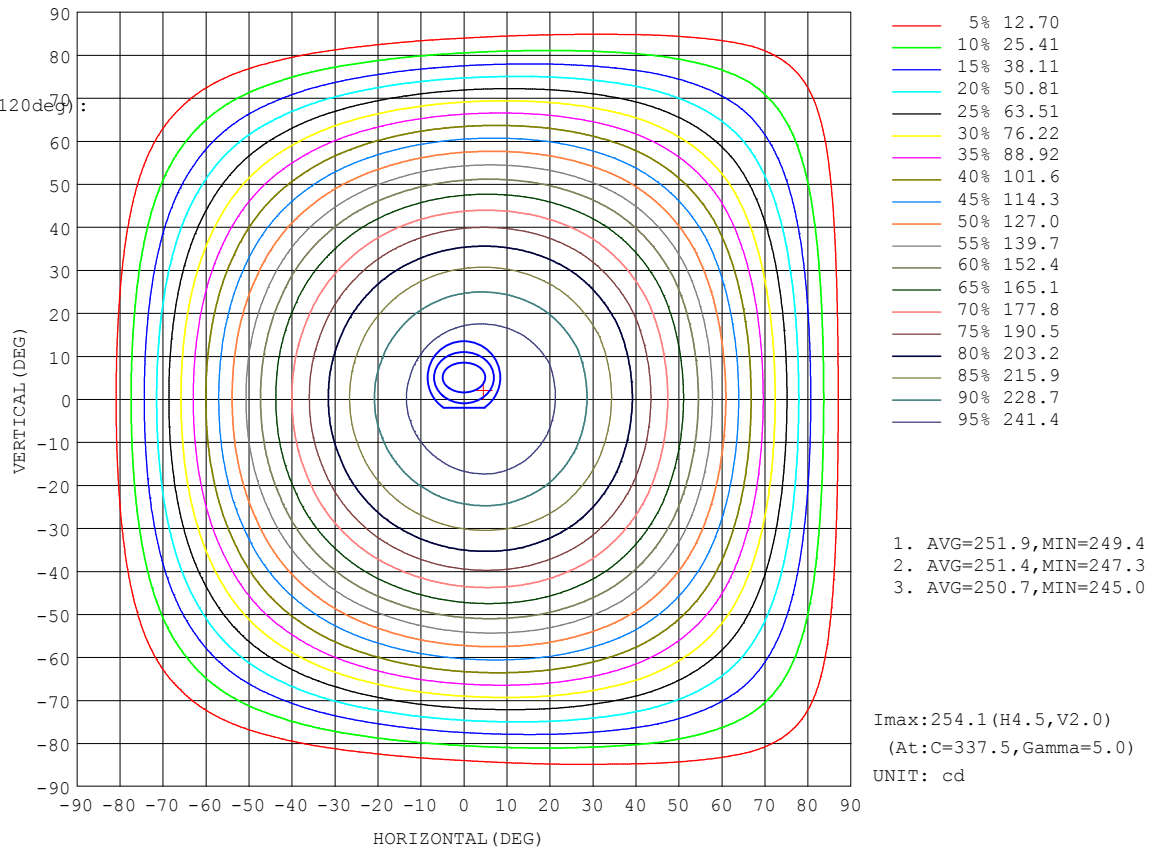
%lamp = 52.8%

Conical surface Flux(120deg):

580.83 lm

%lum = 78.2%

%lamp = 78.2%

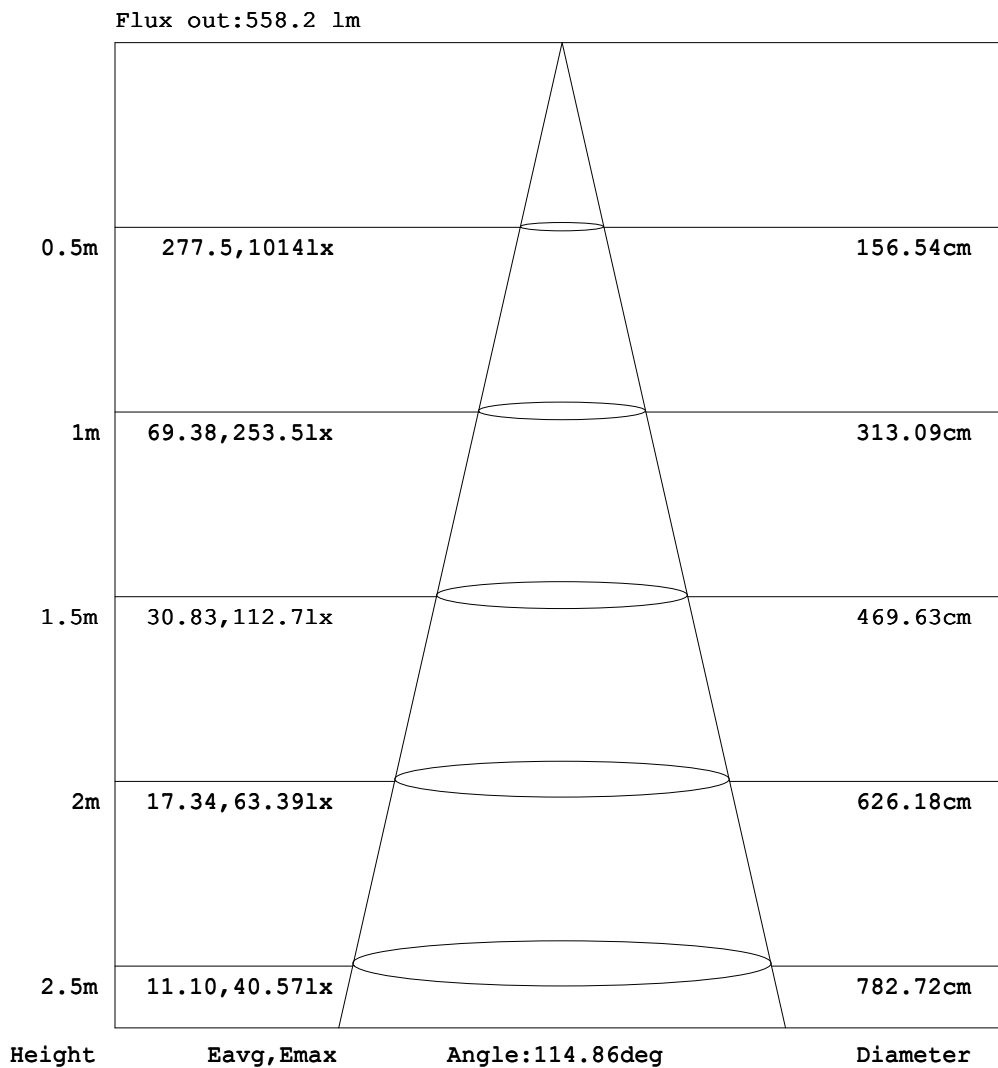


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:J/R  
Test Date:2014-06-13

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:1.532m [K=1.0000]  
Remarks: 120VAC,60HZ

**AAI Figure**

Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm		
NAME: LED Flush Mount	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Maxim Lighting International Inc	SUR.:	PROTECTION ANGLE:



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

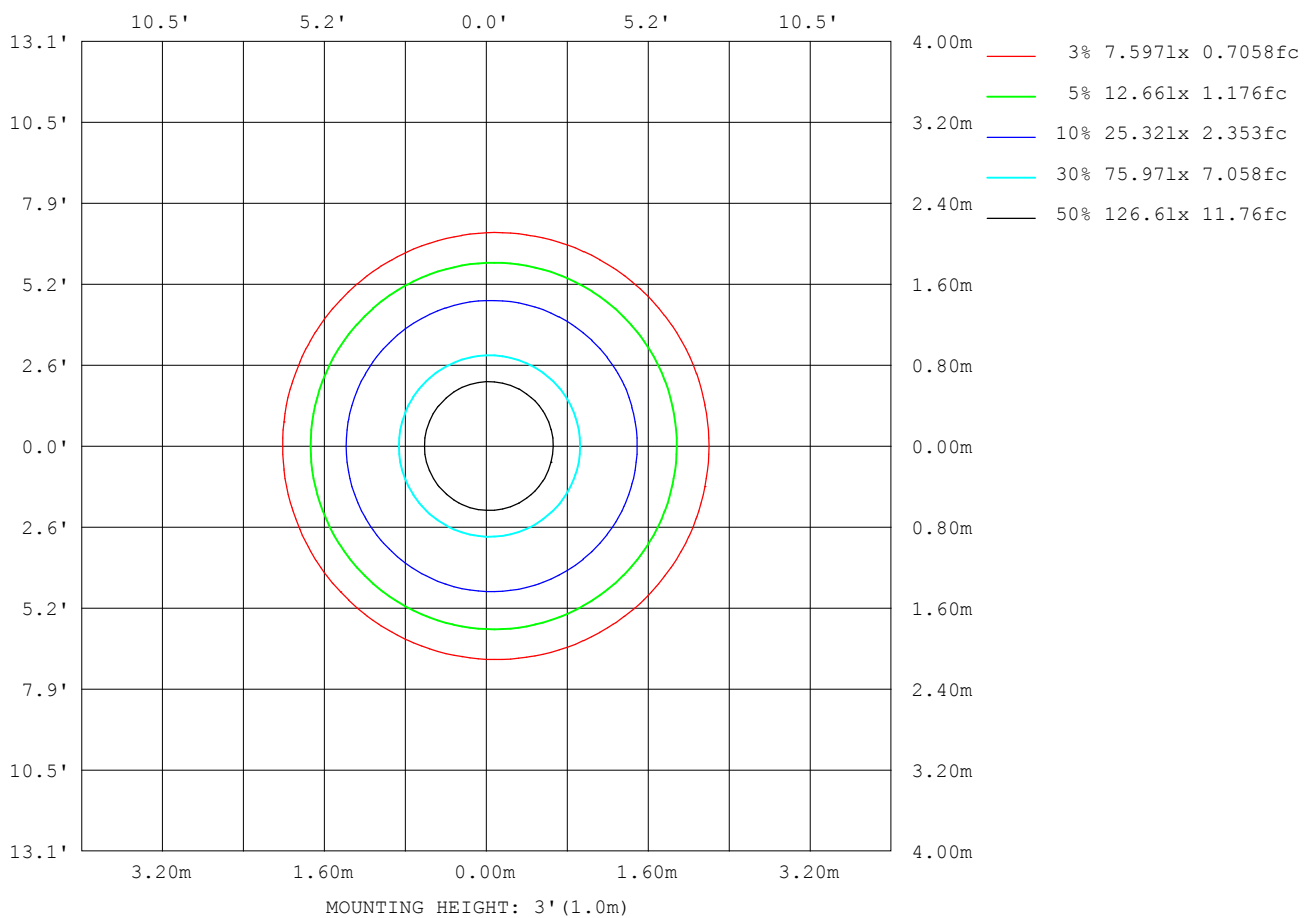
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: J/R  
 Test Date: 2014-06-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
 Humidity: 65.0%  
 Test Distance: 1.532m [K=1.0000]  
 Remarks: 120VAC, 60HZ



**ISOLUX DIAGRAM**

Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm		
NAME: LED Flush Mount	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Maxim Lighting International Inc	SUR.:	PROTECTION ANGLE:



**C Range:** 0 - 360DEG  
**C Interval:** 22.5DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3DEG  
**Operators:** J/R  
**Test Date:** 2014-06-13

**γ Range:** 0 - 180DEG  
**γ Interval:** 1.0DEG  
**Test System:** EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
**Humidity:** 65.0%  
**Test Distance:** 1.532m [K=1.0000]  
**Remarks:** 120VAC, 60HZ

### LED Avg.L Report

Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm		
NAME: LED Flush Mount	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Maxim Lighting International Inc	SUR.:	PROTECTION ANGLE:

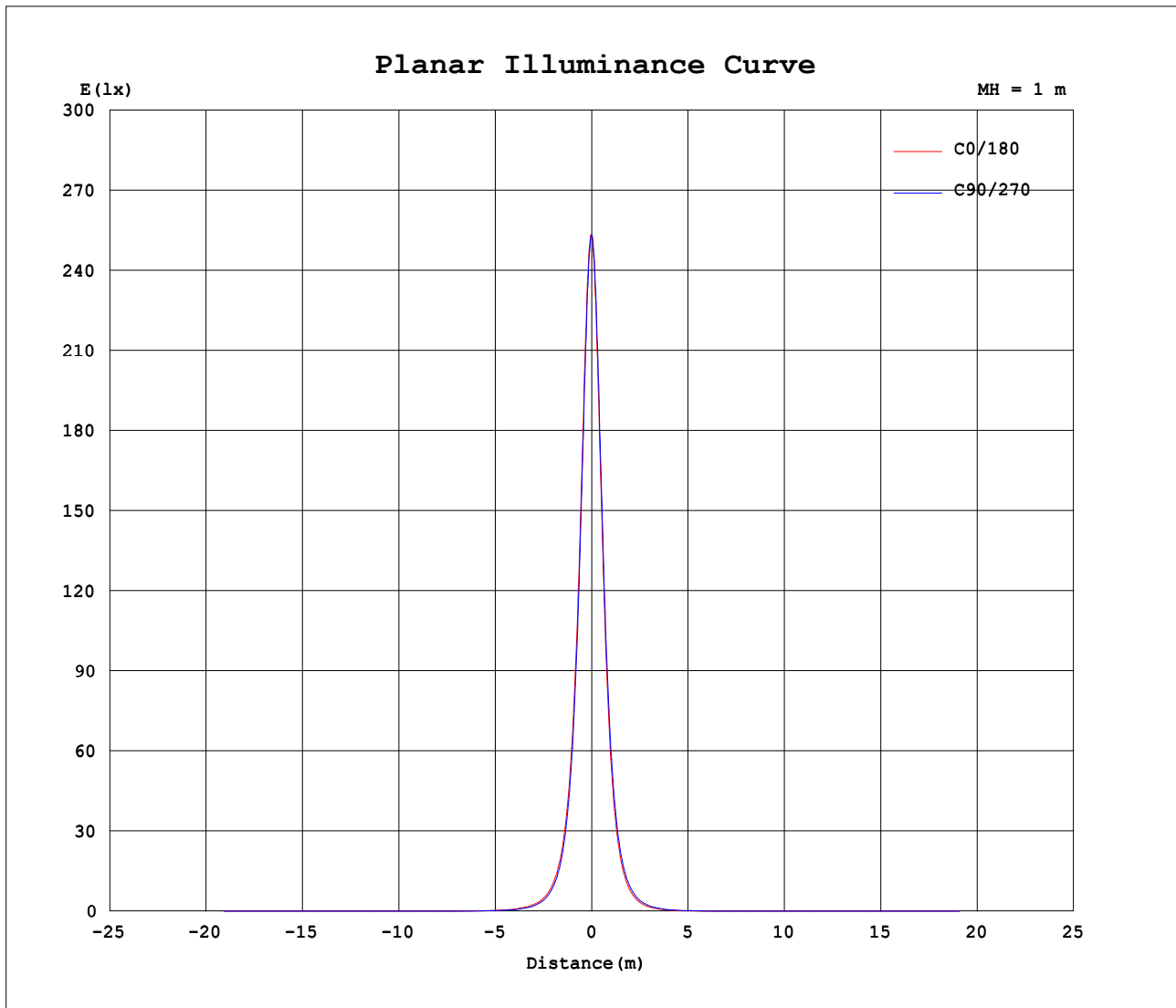
AvgL	cd/m2
L_0~180 (65) av	2241
L_0~180 (75) av	1922
L_0~180 (85) av	1317
L_90~270 (65) av	2234
L_90~270 (75) av	1902
L_90~270 (85) av	1087
L_45 (65) av	2238
L_45 (75) av	1914
L_45 (85) av	1216

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:J/R  
Test Date:2014-06-13

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:1.532m [K=1.0000]  
Remarks: 120VAC,60HZ

# Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: J/R  
 Test Date: 2014-06-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.290  
 Humidity: 65.0%  
 Test Distance: 1.532m [K=1.0000]  
 Remarks: 120VAC, 60HZ

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.1169A P:13.62W PF:0.9714 Lamp Flux:742.794x1 lm		
NAME: LED Flush Mount	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Maxim Lighting International Inc	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	253	253	253	253	253	253	253	253	253	253	253	253	253	253	253	253			
5	254	254	254	253	252	251	251	251	250	251	251	252	252	253	253	254			
10	252	252	251	250	249	247	246	246	246	246	247	248	249	250	252	253			
15	249	248	247	246	244	242	240	239	239	239	240	242	244	246	248	249			
20	243	243	241	239	236	234	232	230	230	231	232	235	237	239	242	243			
25	236	235	233	231	227	224	221	220	220	220	222	225	228	231	234	236			
30	226	225	223	220	216	212	209	208	207	208	210	213	217	220	224	226			
35	214	214	211	208	203	199	196	194	193	194	197	200	204	208	212	214			
40	201	200	198	194	189	184	181	178	178	179	181	185	190	194	198	201			
45	186	185	182	178	173	168	164	161	161	162	164	169	173	178	183	186			
50	169	168	165	161	155	150	146	143	142	143	146	151	156	161	166	169			
55	151	150	147	142	136	131	126	123	123	124	127	131	137	142	147	150			
60	131	130	127	122	116	110	105	102	102	103	106	110	116	122	127	131			
65	110	108	105	100	94.4	88.4	83.5	80.3	79.8	80.8	83.9	88.8	94.4	100	106	109			
70	87.2	86.1	82.9	77.9	71.9	66.0	61.1	57.9	57.3	58.4	61.5	66.2	72.0	77.9	83.1	86.7			
75	64.1	63.0	59.9	55.0	49.2	43.6	38.9	35.8	35.3	36.2	39.2	43.7	49.3	55.0	60.2	63.7			
80	41.1	40.1	37.1	32.7	27.5	22.9	18.8	16.2	15.7	16.4	18.7	22.5	27.4	32.6	37.3	40.7			
85	20.2	19.2	16.8	13.6	9.59	6.43	4.23	3.01	2.74	3.04	4.56	6.68	9.36	13.2	16.8	19.5			
90	4.58	4.13	3.01	1.93	0.73	0.32	0.20	0.17	0.17	0.18	0.20	0.30	0.70	1.63	2.99	4.76			
95	0.08	0.07	0.06	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.11	0.08	0.06	0.05	0.04	0.07			
100	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.02	0.01	0.01			
105	0.03	0.03	0.04	0.03	0.04	0.05	0.05	0.05	0.06	0.04	0.03	0.03	0.03	0.03	0.02	0.02			
110	0.06	0.06	0.07	0.06	0.06	0.07	0.07	0.09	0.10	0.07	0.06	0.06	0.05	0.05	0.03	0.04			
115	0.09	0.10	0.11	0.10	0.08	0.11	0.09	0.13	0.19	0.12	0.12	0.08	0.10	0.07	0.05	0.06			
120	0.18	0.18	0.17	0.16	0.11	0.15	0.12	0.16	0.42	0.27	0.21	0.13	0.18	0.10	0.13	0.12			
125	0.40	0.36	0.23	0.25	0.22	0.22	0.15	0.28	0.67	0.42	0.30	0.23	0.24	0.13	0.21	0.21			
130	0.61	0.52	0.30	0.37	0.40	0.32	0.18	0.24	0.96	0.62	0.42	0.28	0.25	0.18	0.29	0.38			
135	0.98	0.61	0.37	0.48	0.64	0.48	0.22	0.22	0.84	0.96	0.68	0.26	0.23	0.19	0.45	0.74			
140	0.90	0.71	0.45	0.72	0.85	0.75	0.40	0.33	1.05	0.99	1.01	0.46	0.22	0.35	0.69	1.15			
145	1.18	0.97	0.90	1.25	0.94	1.03	0.68	0.70	1.32	1.23	1.65	0.73	0.56	0.54	1.15	1.30			
150	1.46	1.39	1.35	1.55	0.98	1.53	0.97	1.09	1.73	1.15	1.73	0.89	0.84	0.61	1.33	1.24			
155	1.82	1.91	1.82	1.96	0.88	1.49	1.68	1.78	1.77	1.52	1.77	1.86	1.30	1.12	1.16	0.80			
160	2.08	2.73	2.57	2.09	0.98	1.64	1.66	1.79	2.20	1.57	0.80	1.82	1.74	1.64	1.43	0.94			
165	2.60	2.35	2.37	2.80	0.83	1.66	1.94	1.54	1.76	1.64	1.56	2.46	1.97	1.45	1.63	1.38			
170	2.21	2.65	1.91	2.74	1.35	1.11	1.38	1.43	1.55	1.55	1.97	1.89	1.67	1.21	1.61	1.73			
175	1.49	1.54	1.53	1.68	0.82	0.54	0.58	0.80	0.46	0.47	0.75	1.16	1.03	0.34	0.91	1.41			
180	0.00	0.00	0.00	0.00	0.00	0.23	0.22	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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C Interval: 22.5DEG  
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