

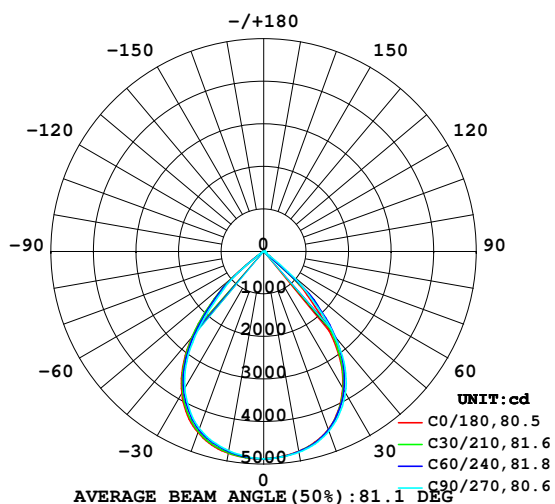


LUMINAIRE PHOTOMETRIC TEST REPORT

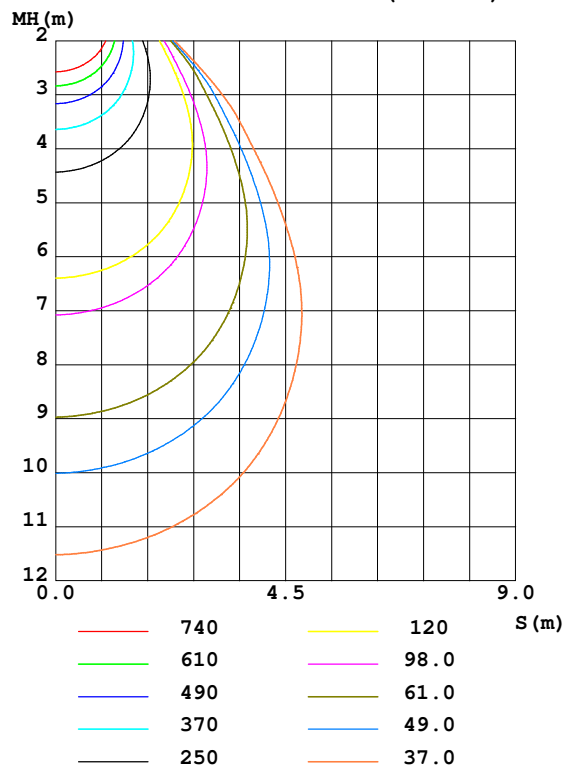
Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.87 lm/W			
MODEL	CLU048-1208C4	I _{max} (cd)	4874	S/MH (C0/180)	1.17
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.14
RATED VOLTAGE (V)	34-42	TOTAL FLUX (lm)	7177.1	η UP, DN (C0-180)	0.0, 50.1
NOMINAL FLUX (lm)	7177.08	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.9
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	240	η down (%)	100.0	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 30.0DEG
Operators: Swapnil
Test Date: 31 August 2018

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance: 1.153m [K=1.0000]
Remarks:



Agnus Lighting Systems Pvt. Ltd.

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4769	4774	4793	4808	4816	4790	4753	4766	0- 10	460.8	460.8	6.42, 6.42
20	4449	4464	4492	4506	4528	4486	4427	4430	10- 20	1314	1775	24.7, 24.7
30	3719	3742	3843	3829	3848	3793	3712	3721	20- 30	1914	3689	51.4, 51.4
40	2325	2569	2597	2591	2623	2582	2394	2320	30- 40	1997	5687	79.2, 79.2
50	347.5	217.6	752.0	837.0	980.7	941.4	825.5	685.5	40- 50	1252	6938	96.7, 96.7
60	46.09	48.64	55.80	47.30	45.86	38.82	42.51	47.68	50- 60	172.8	7111	99.1, 99.1
70	28.51	31.79	32.71	28.07	21.76	18.15	21.82	24.99	60- 70	34.24	7146	99.6, 99.6
80	14.85	17.54	18.99	17.13	11.83	9.516	11.35	12.23	70- 80	20.50	7166	99.8, 99.8
90	2.131	2.858	4.220	3.911	4.865	4.129	3.683	3.963	80- 90	10.08	7176	100, 100
100	0.3881	0.2935	0.4200	0.6176	0.5972	0.1447	0.4390	0.0436	90-100	0.7822	7177	100, 100
110	0.0110	0.0076	0.0043	0.0062	0.0111	0.0015	0.0004	0.0026	100-110	0.0782	7177	100, 100
120	0.0169	0.0120	0.0074	0.0089	0.0084	0.0044	0.0047	0.0051	110-120	0.0050	7177	100, 100
130	0.0250	0.0188	0.0196	0.0133	0.0182	0.0097	0.0142	0.0123	120-130	0.0105	7177	100, 100
140	0.0481	0.0214	0.0384	0.0222	0.0219	0.0143	0.0182	0.0169	130-140	0.0171	7177	100, 100
150	0.0799	0.0430	0.0454	0.0398	0.0159	0.0147	0.0136	0.0098	140-150	0.0200	7177	100, 100
160	0.0669	0.0976	0.0804	0.0929	0.0101	0.0158	0.0075	0.0203	150-160	0.0168	7177	100, 100
170	0.9434	0.3863	0.3775	0.2926	0.0203	0.0139	0.0142	0.0169	160-170	0.0358	7177	100, 100
180	0	0	0.0130	0	0	0	0	0	170-180	0.0231	7177	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

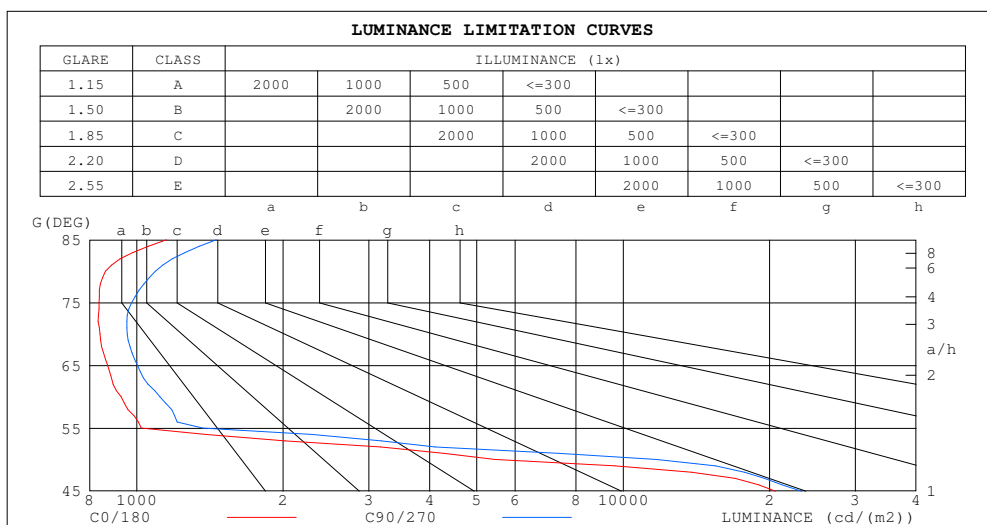
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 30.0DEG
Operators:Swapnil
Test Date:31 August 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance:1.153m [K=1.0000]
Remarks:



LUMINANCE LIMITATION CURVES

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1151	1457
80	862	1093
75	836	977
70	840	956
65	871	1003
60	929	1115
55	1021	1367
50	5447	11689
45	20559	23231

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 30.0DEG
Operators: Swapnil
Test Date: 31 August 2018

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance: 1.153m [K=1.0000]
Remarks:

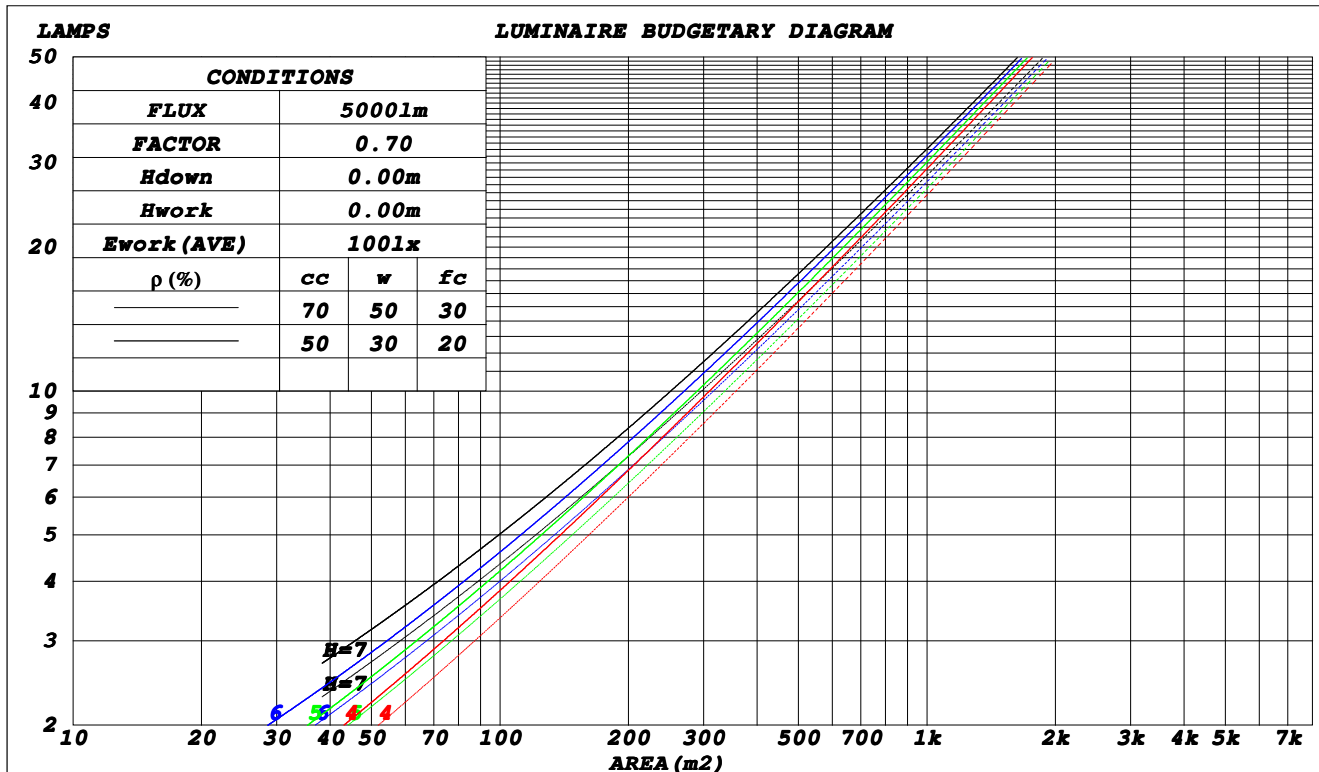


Agnus Lighting Systems Pvt. Ltd.

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0

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	1.19	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	1.04	1.07	1.05	1.03	1.03	1.01	.99	.00	.98	.96	.96	.95	.94	.92
2.0	1.01	.96	.92	.99	.95	.91	.95	.92	.89	.92	.90	.87	.90	.87	.85	.83
3.0	.92	.87	.82	.91	.86	.81	.88	.84	.80	.86	.82	.79	.83	.80	.78	.76
4.0	.85	.79	.74	.84	.78	.73	.81	.76	.72	.79	.75	.71	.77	.74	.71	.69
5.0	.78	.71	.67	.77	.71	.66	.75	.70	.66	.74	.69	.65	.72	.68	.64	.63
6.0	.72	.65	.60	.71	.65	.60	.70	.64	.60	.68	.63	.59	.67	.62	.59	.57
7.0	.67	.60	.55	.66	.60	.55	.65	.59	.55	.63	.58	.54	.62	.58	.54	.52
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.48
9.0	.58	.51	.46	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.54	.47	.43	.53	.47	.43	.53	.47	.43	.52	.46	.43	.51	.46	.42	.41



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 30.0DEG
Operators: Swapnil
Test Date: 31 August 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance: 1.153m [K=1.0000]
Remarks:



Agnus Lighting Systems Pvt. Ltd.

WEC AND CCEC

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0

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	.201	.114	.036	.194	.111	.035	.181	.104	.033	.170	.098	.031	.159	.092	.030		
2.0	.195	.107	.033	.189	.104	.032	.178	.099	.031	.168	.094	.030	.159	.090	.028		
3.0	.187	.100	.030	.182	.098	.029	.173	.094	.028	.164	.090	.028	.156	.086	.027		
4.0	.179	.093	.027	.175	.091	.027	.166	.088	.026	.159	.085	.026	.152	.082	.025		
5.0	.171	.087	.025	.167	.086	.025	.160	.083	.024	.153	.081	.024	.147	.078	.024		
6.0	.163	.082	.023	.160	.081	.023	.153	.079	.023	.147	.077	.022	.142	.075	.022		
7.0	.156	.077	.022	.153	.076	.022	.147	.074	.021	.141	.073	.021	.136	.071	.021		
8.0	.149	.073	.020	.146	.072	.020	.141	.070	.020	.136	.069	.020	.131	.067	.020		
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.065	.019	.126	.064	.019		
10.0	.136	.065	.018	.134	.065	.018	.129	.063	.018	.125	.062	.018	.122	.061	.018		

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016		
2.0	.159	.132	.110	.137	.114	.095	.094	.079	.066	.054	.046	.039	.017	.015	.013		
3.0	.149	.114	.086	.127	.098	.075	.087	.068	.052	.051	.040	.031	.016	.013	.010		
4.0	.140	.100	.069	.120	.086	.060	.082	.060	.042	.048	.035	.025	.015	.011	.008		
5.0	.132	.088	.056	.113	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007		
6.0	.125	.079	.047	.108	.069	.041	.074	.048	.029	.043	.028	.017	.014	.009	.006		
7.0	.119	.072	.039	.103	.063	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005		
8.0	.114	.066	.034	.098	.057	.029	.068	.040	.021	.039	.024	.012	.013	.008	.004		
9.0	.109	.061	.029	.094	.053	.025	.065	.037	.018	.038	.022	.011	.012	.007	.004		
10.0	.104	.057	.026	.090	.049	.022	.062	.035	.016	.036	.021	.009	.012	.007	.003		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 30.0DEG
Operators: Swapnil
Test Date: 31 August 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance: 1.153m [K=1.0000]
Remarks:



Agnus Lighting Systems Pvt. Ltd.

UGR(Unified Glare Rating) Table

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0

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	12.4	13.5	12.6	13.7	13.8	12.9	14.0	13.2	14.2	14.4
3H	12.2	13.2	12.5	13.4	13.6	12.7	13.8	13.0	14.0	14.2
4H	12.1	13.1	12.4	13.3	13.5	12.7	13.6	13.0	13.9	14.1
6H	12.0	12.9	12.3	13.2	13.4	12.6	13.5	12.9	13.7	14.0
8H	12.0	12.9	12.3	13.1	13.4	12.5	13.4	12.9	13.7	13.9
12H	12.0	12.8	12.3	13.1	13.3	12.5	13.3	12.8	13.6	13.9
4H 2H	12.1	13.1	12.4	13.3	13.5	12.6	13.6	12.9	13.8	14.1
3H	11.9	12.8	12.3	13.0	13.3	12.5	13.3	12.8	13.6	13.9
4H	11.9	12.6	12.2	12.9	13.2	12.4	13.1	12.8	13.4	13.8
6H	11.8	12.4	12.2	12.8	13.1	12.3	13.0	12.7	13.3	13.7
8H	11.7	12.4	12.1	12.7	13.1	12.3	12.9	12.7	13.3	13.6
12H	11.7	12.3	12.1	12.6	13.0	12.3	12.8	12.7	13.2	13.6
8H 4H	11.7	12.3	12.1	12.7	13.1	12.3	12.9	12.7	13.2	13.6
6H	11.7	12.2	12.1	12.6	13.0	12.2	12.7	12.6	13.1	13.5
8H	11.6	12.1	12.1	12.5	12.9	12.2	12.6	12.6	13.0	13.5
12H	11.6	12.0	12.1	12.4	12.9	12.2	12.5	12.6	13.0	13.4
12H 4H	11.7	12.2	12.1	12.6	13.0	12.2	12.8	12.6	13.1	13.5
6H	11.6	12.1	12.1	12.5	12.9	12.2	12.6	12.6	13.0	13.5
8H	11.6	12.0	12.1	12.4	12.9	12.1	12.5	12.6	12.9	13.4
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / -11.6					+ 2.6 / -11.5				
1.5H	+ 3.4 / -12.2					+ 3.2 / -12.5				
2.0H	+ 7.9 / - 8.4					+ 7.1 / - 8.9				

CIE Pub.117, 7177 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 6.8$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 30.0DEG
Operators:Swapnil
Test Date:31 August 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance:1.153m [K=1.0000]
Remarks:



Agnus Lighting Systems Pvt. Ltd.

UTILIZATION FACTORS TABLE

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0

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) $k(RI) \times RCR = 5$									
$k = 0.60$	78	70	66	78	70	66	77	70	65	61
0.80	87	80	75	87	80	75	85	79	75	70
1.00	94	87	82	93	86	82	91	87	82	77
1.25	99	93	88	98	92	88	96	91	87	82
1.50	102	96	92	101	96	92	99	94	91	86
2.00	106	101	97	105	100	97	102	98	95	89
2.50	108	104	100	106	102	99	103	100	97	91
3.00	110	106	103	108	105	102	105	102	99	93
4.00	112	109	106	110	107	105	106	104	102	95
5.00	114	111	108	111	109	107	107	105	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

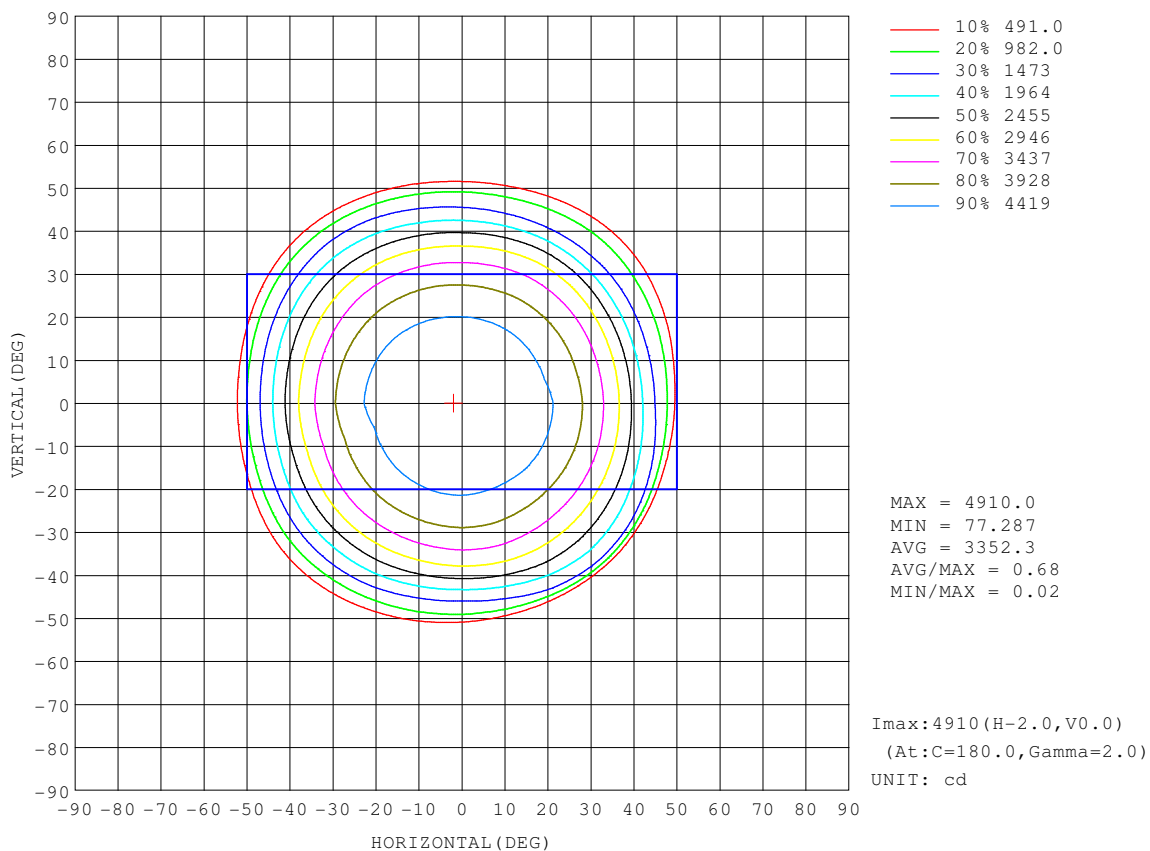
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Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance: 1.153m [K=1.0000]
Remarks:



ISOCANDELA DIAGRAM

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 30.0DEG
Operators:Swapnil
Test Date:31 August 2018

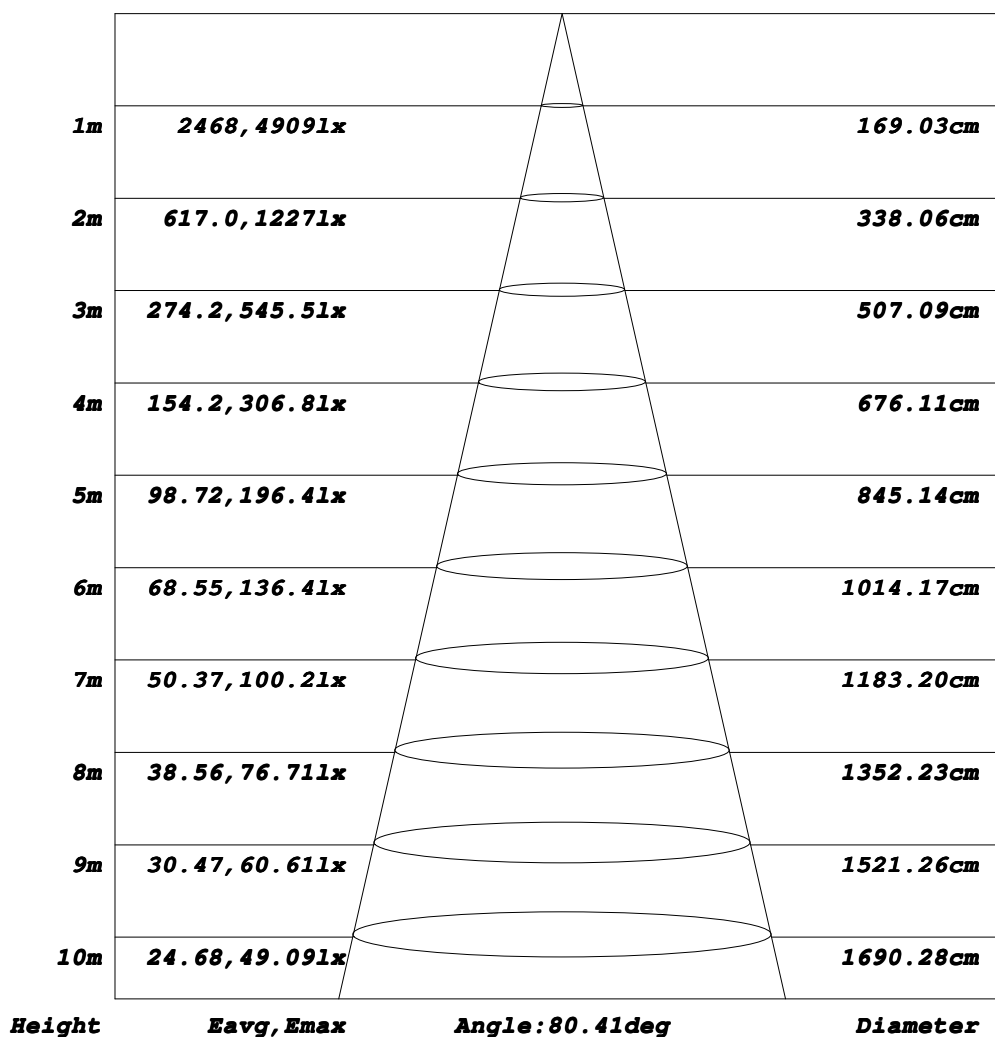
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance:1.153m [K=1.0000]
Remarks:



AAI Figure

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0

Flux out:5859 lm



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

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 30.0DEG
Operators:Swapnil
Test Date:31 August 2018

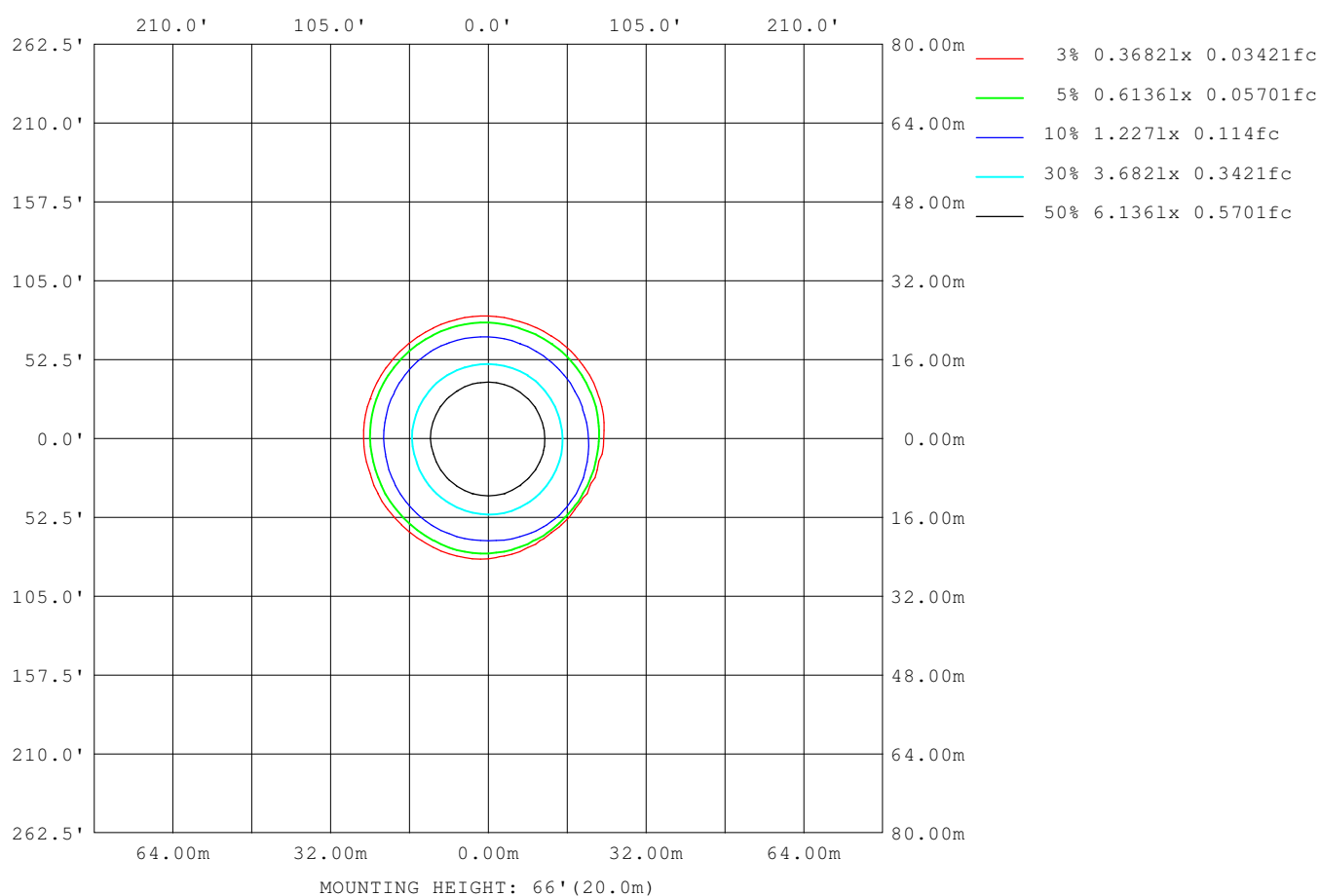
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Humidity: 40.2%
Test Distance:1.153m [K=1.0000]
Remarks:



Agnus Lighting Systems Pvt. Ltd.

ISOLUX DIAGRAM

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 30.0DEG
Operators: Swapnil
Test Date: 31 August 2018

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance: 1.153m [K=1.0000]
Remarks:



LED Avg.L Report

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
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MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0

AvgL	cd/m2
L_0~180 (65) av	796
L_0~180 (75) av	722
L_0~180 (85) av	1004
L_90~270 (65) av	854
L_90~270 (75) av	797
L_90~270 (85) av	1177
L_45 (65) av	804
L_45 (75) av	747
L_45 (85) av	1070

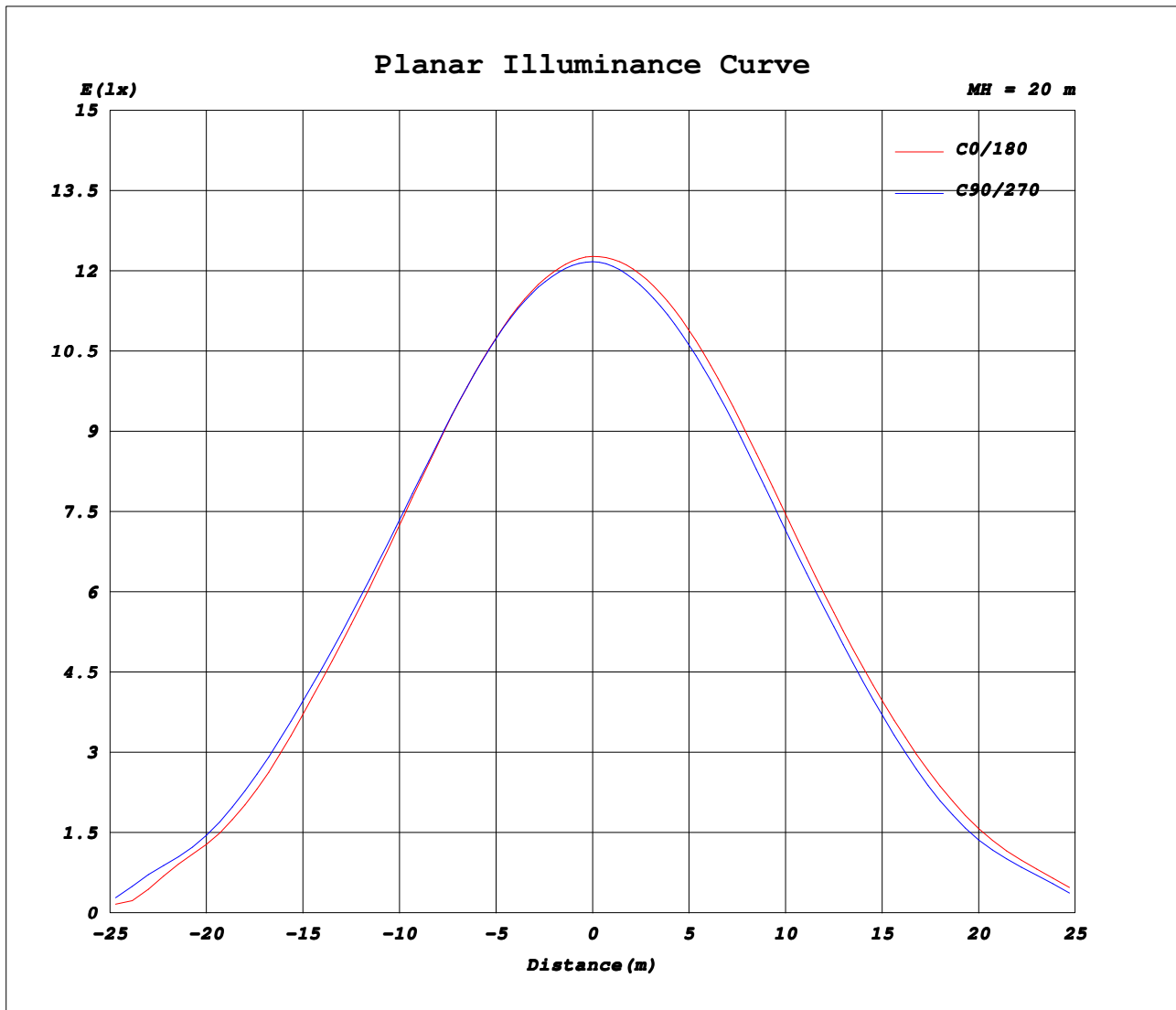
Standard: GB/T 29293-2012

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Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance:1.153m [K=1.0000]
Remarks:



Planar Illuminance Curve



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γ Range: 0 - 180DEG
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Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6
Humidity: 40.2%
Test Distance: 1.153m [K=1.0000]
Remarks:



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:239.87V I:0.2543A P:59.377W PF:0.9733 Freq:50.01Hz Lamp Flux:7177.08x1 lm		
NAME: AGNUS	TYPE:WEATHER PROOF	WEIGHT:2.48 KG (Approx)
SPEC.:WPFLC1-60W-50K-90R	DIM.: 149*208 MM	SERIAL No.:268
MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873	4873
5	4839	4839	4842	4844	4845	4849	4849	4851	4855	4857	4857	4857	4864	4864	4863	4857	4849	4843	4837
10	4769	4771	4774	4774	4776	4785	4793	4801	4806	4808	4806	4804	4816	4811	4804	4790	4773	4761	4753
15	4646	4653	4657	4659	4661	4667	4679	4689	4697	4699	4696	4694	4711	4702	4693	4675	4650	4633	4626
20	4449	4451	4460	4464	4458	4474	4492	4502	4503	4506	4504	4506	4528	4514	4503	4486	4460	4440	4427
25	4142	4151	4154	4156	4163	4195	4214	4216	4209	4215	4213	4217	4248	4232	4216	4195	4161	4142	4120
30	3719	3736	3740	3742	3774	3830	3843	3832	3827	3829	3822	3817	3848	3833	3811	3793	3764	3739	3712
35	3155	3178	3187	3208	3266	3327	3339	3314	3299	3302	3301	3292	3321	3294	3279	3268	3234	3190	3156
40	2325	2431	2500	2569	2622	2614	2597	2587	2597	2591	2593	2586	2623	2615	2612	2582	2522	2454	2394
45	1443	1609	1791	1847	1787	1680	1644	1686	1745	1757	1791	1773	1775	1796	1795	1778	1720	1632	1547
50	348	305	204	218	222	494	752	847	826	837	894	906	981	1011	989	941	897	867	825
55	58.2	60.9	64.2	62.8	58.4	64.4	78.5	105	128	169	180	176	150	145	138	137	132	126	129
60	46.1	46.1	49.7	48.6	45.6	51.3	55.8	52.8	46.7	47.3	48.7	46.8	45.9	43.0	40.5	38.8	38.7	40.4	42.5
65	36.5	36.5	40.2	39.7	36.3	41.0	42.4	39.1	32.8	35.8	35.0	32.6	30.8	29.1	28.2	26.1	24.8	28.6	29.7
70	28.5	28.9	31.3	31.8	29.8	32.4	32.7	30.6	25.6	28.1	26.9	25.3	21.8	21.2	20.5	18.1	16.9	21.3	21.8
75	21.5	23.2	23.6	24.2	23.0	24.7	25.3	23.8	21.4	22.6	21.0	19.4	15.9	15.3	14.4	13.4	12.2	15.3	16.0
80	14.9	16.9	16.5	17.5	16.4	18.0	19.0	18.0	17.8	17.1	15.9	14.1	11.8	10.9	9.90	9.52	9.11	11.1	11.4
85	9.95	10.7	9.77	10.5	9.85	11.8	12.7	12.3	13.2	12.0	11.1	9.43	7.55	7.19	6.63	6.69	6.39	7.64	7.80
90	2.13	2.48	2.61	2.86	2.40	2.02	4.22	1.85	2.51	3.91	6.38	6.05	4.87	2.74	4.49	4.13	3.70	4.72	3.68
95	0.01	0.01	0.01	0.01	1.43	0.60	0.02	0.00	0.06	0.01	0.01	0.01	0.01	0.00	0.00	0.03	5.68	4.78	2.47
100	0.39	0.01	0.00	0.29	0.40	0.21	0.42	0.01	0.67	0.62	0.01	0.03	0.60	0.02	0.00	0.14	0.42	0.56	0.44
105	0.06	0.02	0.00	0.01	0.08	0.09	0.18	0.00	0.11	0.01	0.00	0.07	0.23	0.08	0.00	0.00	0.00	0.00	0.01
110	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
115	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
120	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
125	0.02	0.01	0.01	0.01	0.01	0.02	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
130	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.01
135	0.04	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.03	0.02	0.02	0.01	0.01	0.02	0.02	0.02
140	0.05	0.04	0.03	0.02	0.05	0.05	0.04	0.04	0.03	0.02	0.03	0.05	0.02	0.02	0.01	0.01	0.02	0.02	0.02
145	0.07	0.06	0.04	0.02	0.04	0.06	0.05	0.06	0.04	0.02	0.05	0.06	0.02	0.02	0.01	0.01	0.02	0.02	0.02
150	0.08	0.07	0.05	0.04	0.04	0.06	0.05	0.05	0.04	0.04	0.05	0.07	0.02	0.02	0.01	0.01	0.02	0.01	0.01
155	0.05	0.05	0.05	0.08	0.06	0.06	0.04	0.06	0.06	0.08	0.06	0.04	0.01	0.01	0.01	0.02	0.02	0.01	0.01
160	0.07	0.06	0.08	0.10	0.10	0.10	0.08	0.10	0.10	0.09	0.08	0.05	0.01	0.01	0.02	0.02	0.02	0.01	0.01
165	0.28	0.26	0.23	0.16	0.14	0.19	0.23	0.21	0.22	0.12	0.17	0.19	0.02	0.02	0.02	0.02	0.01	0.01	0.01
170	0.94	0.95	0.66	0.39	0.34	0.41	0.38	0.50	0.39	0.29	0.36	0.55	0.02	0.02	0.02	0.01	0.01	0.01	0.01
175	0.72	0.78	0.59	0.39	0.27	0.23	0.27	0.31	0.29	0.30	0.34	0.42	0.01	0.01	0.01	0.01	0.01	0.01	0.01
180	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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: 15.0DEG

Test Speed: HIGH

Temperature: 30.0DEG

Operators:Swapnil

Test Date:31 August 2018

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.6

Humidity: 40.2%

Test Distance:1.153m [K=1.0000]

Remarks:



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MFR.: Agnus lighting Systems Pvt. Ltd.	SUR.:0	Shielding Angle:0

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	4873	4873	4873	4873	4873														
5	4837	4839	4841	4843	4845														
10	4755	4758	4766	4772	4776														
15	4626	4626	4635	4640	4649														
20	4423	4426	4430	4434	4447														
25	4109	4117	4120	4132	4149														
30	3711	3722	3721	3723	3733														
35	3167	3189	3175	3158	3166														
40	2382	2372	2320	2271	2301														
45	1472	1413	1386	1389	1409														
50	740	707	686	639	558														
55	132	136	129	107	77.9														
60	46.1	48.7	47.7	47.6	47.7														
65	31.6	34.1	34.4	34.7	34.0														
70	23.0	24.5	25.0	25.5	24.1														
75	16.5	16.5	17.2	18.0	17.0														
80	11.8	11.7	12.2	12.2	12.1														
85	7.58	7.80	8.18	8.00	8.88														
90	4.39	4.33	3.96	4.03	3.17														
95	0.11	1.17	0.00	0.00	0.00														
100	0.01	0.38	0.04	0.00	0.09														
105	0.00	0.00	0.00	0.00	0.03														
110	0.00	0.00	0.00	0.00	0.01														
115	0.00	0.00	0.00	0.00	0.01														
120	0.00	0.01	0.01	0.00	0.01														
125	0.01	0.01	0.01	0.01	0.02														
130	0.02	0.01	0.01	0.02	0.02														
135	0.02	0.01	0.02	0.02	0.02														
140	0.02	0.01	0.02	0.02	0.03														
145	0.02	0.01	0.01	0.02	0.03														
150	0.01	0.01	0.01	0.01	0.02														
155	0.01	0.01	0.02	0.01	0.01														
160	0.01	0.01	0.02	0.02	0.02														
165	0.01	0.01	0.02	0.02	0.02														
170	0.01	0.01	0.02	0.02	0.02														
175	0.01	0.01	0.02	0.02	0.02														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 30.0DEG

Operators:Swapnil

Test Date:31 August 2018

γ Range: 0 - 180DEG

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