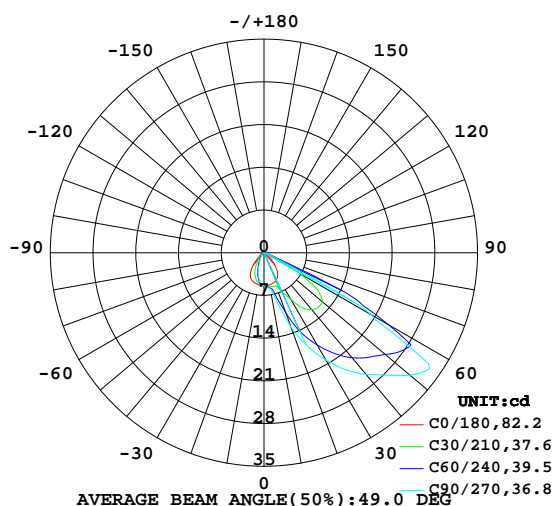


LUMINAIRE PHOTOMETRIC TEST REPORT

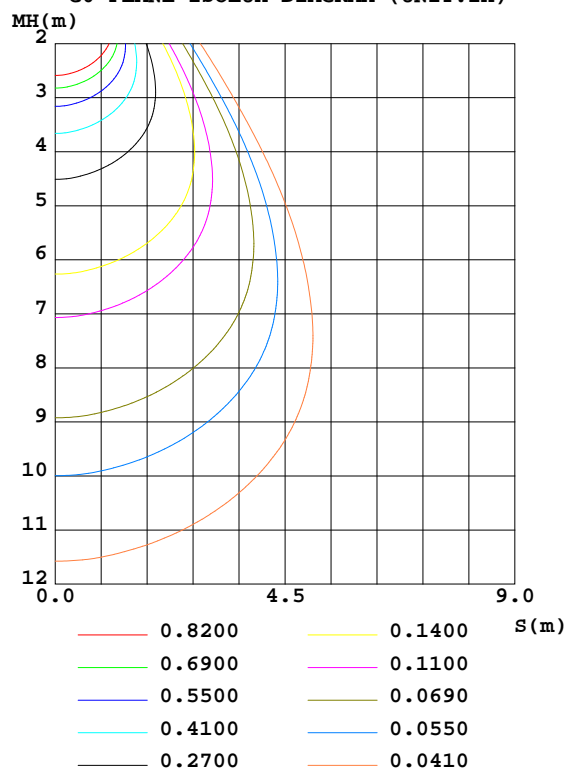
Test:U:120.08V I:0.0174A P:1.8754W PF:0.8978 Freq:59.98Hz Lamp Flux:28.6812x1 lm		
NAME: WL-LED102-30-GH	TYPE:Surface-mounted Luminaire	HEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WAC Lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 15.29 lm/W			
MODEL		I _{max} (cd)	33.11	S/MH(C0/180)	1.18
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	2.66
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	28.681	η UP,DN(C0-180)	0.0,10.2
NOMINAL FLUX(lm)	28.6812	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,89.8
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Oliver
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.499m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

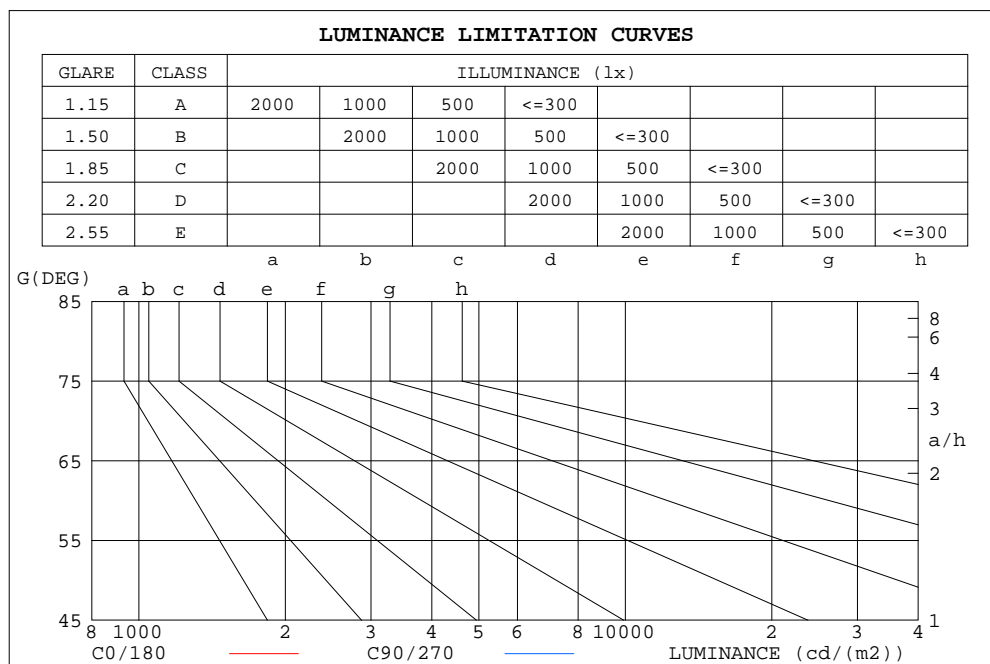
ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	5.329	4.868	4.531	4.874	5.335	5.751	5.997	5.755	0- 10	0.5127	0.5127	1.79,1.79
20	5.089	3.499	2.573	3.549	5.097	8.037	12.92	7.825	10- 20	1.572	2.085	7.27,7.27
30	4.483	1.948	1.276	1.990	4.483	14.15	20.29	13.78	20- 30	3.195	5.280	18.4,18.4
40	2.896	1.002	0.6962	1.014	2.953	18.14	26.01	17.68	30- 40	5.156	10.44	36.4,36.4
50	1.242	0.5520	0.4017	0.5493	1.273	20.14	31.22	19.42	40- 50	6.941	17.38	60.6,60.6
60	0.6033	0.3116	0.2283	0.3075	0.6266	18.75	20.34	17.17	50- 60	7.976	25.35	88.4,88.4
70	0.3563	0.1610	0.1163	0.1568	0.3629	1.701	0.9676	1.648	60- 70	2.975	28.33	98.8,98.8
80	0.1457	0.0604	0.0430	0.0565	0.1348	0.1324	0.0248	0.1526	70- 80	0.3077	28.64	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	0.0313	28.67	99.9,99.9
100	0	0	0	0	0	0	0	0	90-100	0	28.67	99.9,99.9
110	0	0	0	0	0	0	0	0	100-110	0	28.67	99.9,99.9
120	0	0	0.0034	0	0	0	0	0	110-120	0.0001	28.67	99.9,99.9
130	0.0051	0.0051	0.0056	0	0.0030	0	0	0	120-130	0.0009	28.67	100,100
140	0.0105	0.0064	0.0069	0.0047	0.0080	0.0000	0	0	130-140	0.0019	28.67	100,100
150	0.0173	0.0119	0.0094	0.0098	0.0118	0.0153	0	0.0137	140-150	0.0036	28.67	100,100
160	0.0219	0.0145	0.0124	0.0124	0.0198	0.0183	0.0004	0.0193	150-160	0.0050	28.68	100,100
170	0.0156	0.0068	0.0052	0.0047	0.0114	0.0056	0.0004	0.0038	160-170	0.0026	28.68	100,100
180	0.0063	0.0055	0.0034	0.0021	0.0038	0.0029	0.0021	0.0026	170-180	0.0004	28.68	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Oliver
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.499m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES



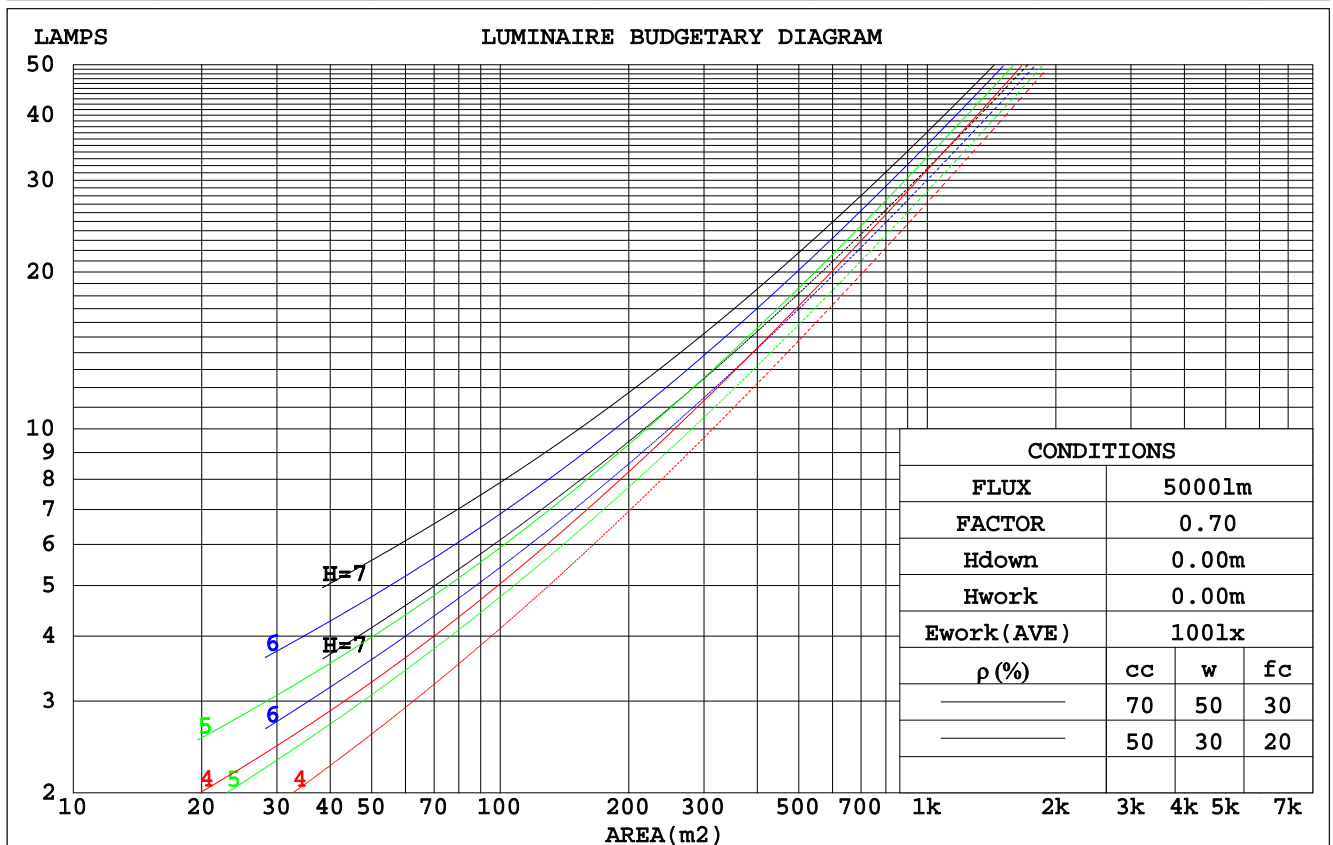
LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	5	2
80	8	2
75	10	3
70	11	3
65	11	4
60	12	5
55	15	5
50	20	6
45	28	7

C Range: 0 - 360°
C Interval: 15.0°
Test Speed: HIGH
Temperature: 25.3°
Operators: Oliver
Test Date: 2019-12-06

γ Range: 0 - 180°
γ Interval: 1.0°
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 2.499m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

pcc	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						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	1.06	1.02	.98	1.03	.90	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.92	.85	.80	.90	.84	.79	.87	.82	.77	.83	.79	.75	.80	.77	.74	.72
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.59
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49
5.0	.61	.52	.45	.60	.52	.45	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.54	.45	.38	.53	.45	.38	.52	.44	.38	.50	.43	.38	.48	.42	.37	.35
7.0	.48	.39	.33	.48	.39	.33	.46	.38	.33	.45	.38	.32	.43	.37	.32	.30
8.0	.44	.35	.29	.43	.34	.28	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26
9.0	.39	.31	.25	.39	.31	.25	.38	.30	.25	.36	.30	.25	.35	.29	.24	.22
10.0	.36	.28	.22	.35	.27	.22	.34	.27	.22	.33	.26	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Oliver
 Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.499m [K=1.0000]
 Remarks:

WEC AND CCEC

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	.278	.158	.050	.271	.154	.049	.258	.148	.047	.246	.142	.045	.234	.136	.044	
2.0	.277	.152	.047	.271	.149	.046	.259	.144	.045	.248	.139	.044	.238	.135	.043	
3.0	.265	.141	.042	.260	.139	.042	.249	.135	.041	.240	.131	.040	.231	.128	.040	
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036	
5.0	.235	.120	.035	.231	.118	.035	.223	.116	.034	.215	.113	.034	.208	.111	.033	
6.0	.220	.110	.032	.216	.109	.031	.209	.107	.031	.202	.105	.031	.196	.103	.031	
7.0	.206	.102	.029	.203	.101	.029	.196	.099	.029	.190	.097	.028	.184	.096	.028	
8.0	.193	.094	.027	.190	.094	.026	.184	.092	.026	.179	.090	.026	.173	.089	.026	
9.0	.182	.088	.025	.179	.087	.024	.173	.086	.024	.168	.084	.024	.164	.083	.024	
10.0	.171	.082	.023	.168	.081	.023	.163	.080	.023	.159	.079	.022	.155	.078	.022	

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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.178	.157	.137	.153	.135	.118	.104	.093	.082	.060	.054	.048	.019	.017	.015	
2.0	.171	.132	.100	.146	.114	.087	.100	.079	.060	.058	.046	.035	.019	.015	.012	
3.0	.164	.115	.075	.141	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.101	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.091	.047	.130	.079	.041	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.145	.083	.039	.125	.072	.034	.086	.050	.024	.050	.030	.014	.016	.010	.005	
7.0	.139	.076	.033	.119	.066	.028	.082	.046	.020	.048	.027	.012	.015	.009	.004	
8.0	.132	.071	.028	.114	.061	.025	.079	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.127	.066	.025	.109	.057	.022	.076	.040	.015	.044	.024	.009	.014	.008	.003	
10.0	.121	.062	.022	.104	.053	.019	.072	.038	.014	.042	.022	.008	.014	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Oliver
 Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.499m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

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	4.1	5.6	4.3	5.8	6.1	-1.5	0.0	-1.3	0.3	0.5
3H	4.8	6.2	5.1	6.4	6.7	-0.9	0.5	-0.6	0.7	1.0
4H	5.1	6.5	5.4	6.7	7.0	-0.7	0.7	-0.4	0.9	1.2
6H	5.4	6.7	5.7	6.9	7.2	-0.6	0.7	-0.2	1.0	1.2
8H	5.5	6.7	5.8	7.0	7.3	-0.5	0.7	-0.2	1.0	1.3
12H	5.5	6.7	5.9	7.0	7.3	-0.5	0.6	-0.2	0.9	1.2
4H 2H	3.9	5.3	4.2	5.5	5.8	-0.9	0.4	-0.6	0.7	0.9
3H	4.8	5.9	5.1	6.2	6.5	-0.2	1.0	0.2	1.3	1.6
4H	5.2	6.3	5.6	6.6	6.9	0.2	1.2	0.5	1.5	1.9
6H	5.6	6.5	6.0	6.9	7.2	0.4	1.3	0.8	1.7	2.0
8H	5.7	6.6	6.2	7.0	7.4	0.5	1.3	0.9	1.7	2.1
12H	5.8	6.6	6.2	7.0	7.4	0.5	1.3	0.9	1.6	2.1
8H 4H	5.2	6.0	5.6	6.4	6.8	0.4	1.3	0.8	1.7	2.0
6H	5.6	6.3	6.1	6.7	7.2	0.8	1.5	1.2	1.9	2.3
8H	5.8	6.4	6.3	6.9	7.3	0.9	1.5	1.4	1.9	2.4
12H	5.9	6.4	6.4	6.9	7.4	1.0	1.5	1.4	1.9	2.4
12H 4H	5.1	5.9	5.6	6.3	6.7	0.5	1.2	0.9	1.6	2.0
6H	5.6	6.2	6.1	6.6	7.1	0.8	1.4	1.3	1.9	2.3
8H	5.8	6.3	6.3	6.8	7.3	1.0	1.5	1.5	2.0	2.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.6 / - 0.9					+ 0.6 / - 0.7				
1.5H	+ 2.6 / - 1.8					+ 0.3 / - 0.5				
2.0H	+ 3.3 / - 2.0					+ 0.6 / - 0.9				

CIE Pub.117, 28.68 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -12.3)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Oliver
 Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.499m [K=1.0000]
 Remarks:

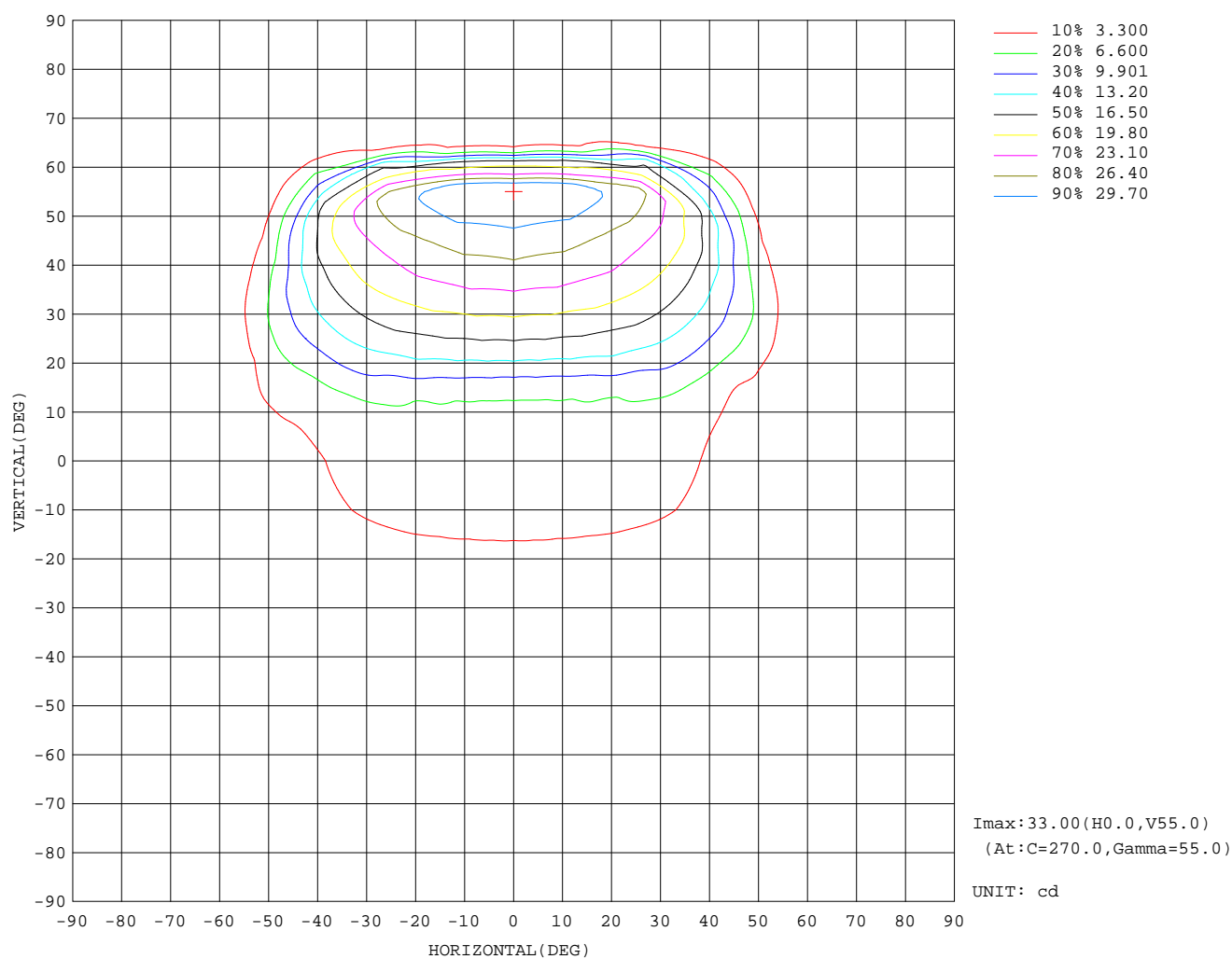
UTILIZATION FACTORS TABLE

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	50	37	30	49	37	29	48	37	29	22
0.80	63	50	42	62	50	42	60	49	41	34
1.00	74	62	54	73	62	54	70	63	54	46
1.25	82	72	64	81	71	64	78	69	63	56
1.50	88	78	71	86	77	71	83	75	69	62
2.00	96	88	81	94	86	81	91	84	79	71
2.50	100	92	86	98	91	85	94	88	84	75
3.00	103	97	91	101	95	90	97	92	88	80
4.00	107	101	97	105	100	96	100	96	93	84
5.00	109	104	100	107	102	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Oliver
 Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.499m [K=1.0000]
 Remarks:

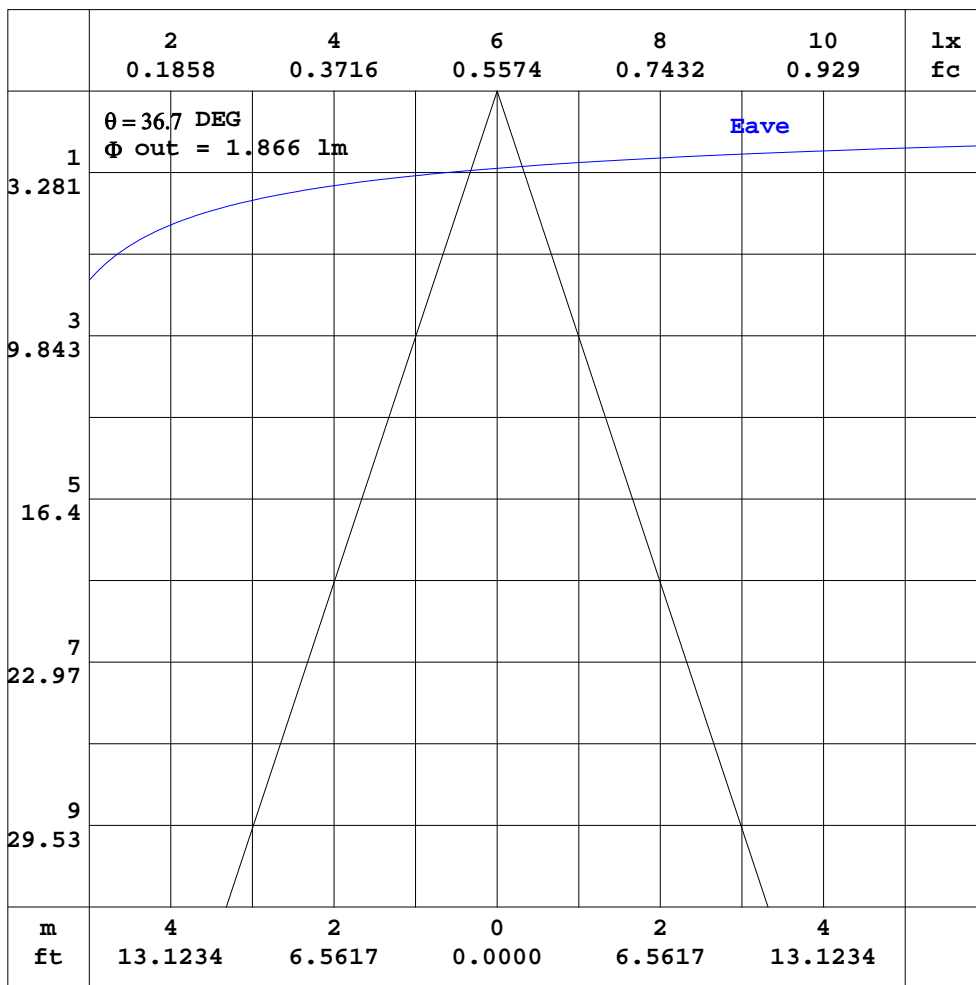
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Oliver
Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 2.499m [K=1.0000]
Remarks:

AAI CURVES



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

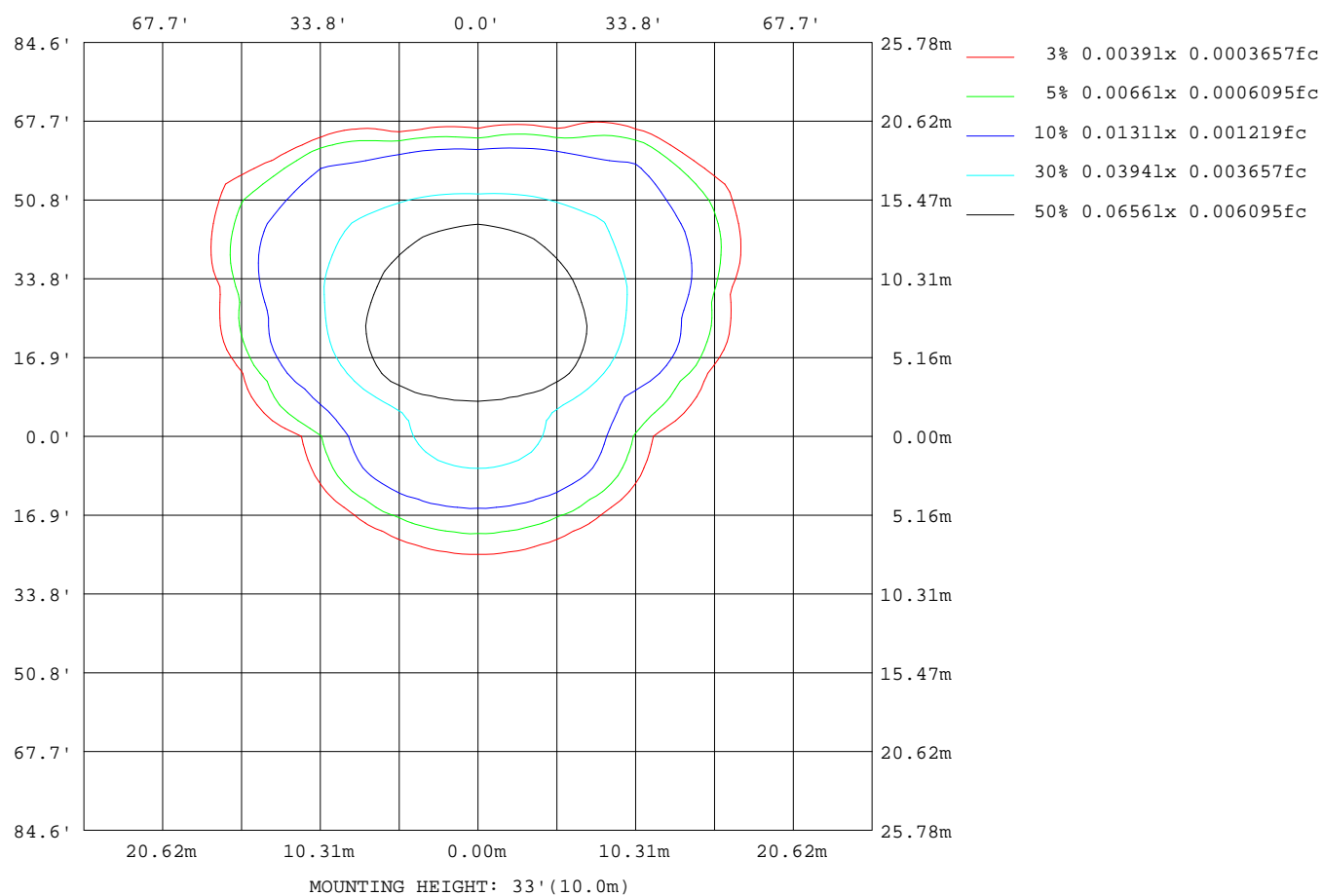
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C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Oliver
Test Date: 2019-12-06
```

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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:2.499m [K=1.0000]
Remarks:

```

ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Oliver
 Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.499m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.08V I:0.0174A P:1.8754W PF:0.8978 Freq:59.98Hz Lamp Flux:28.6812x1 lm		
NAME: WL-LED102-30-GH	TYPE:Surface-mounted Luminaire	HEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WAC Lighting	SUR.:	Shielding Angle:

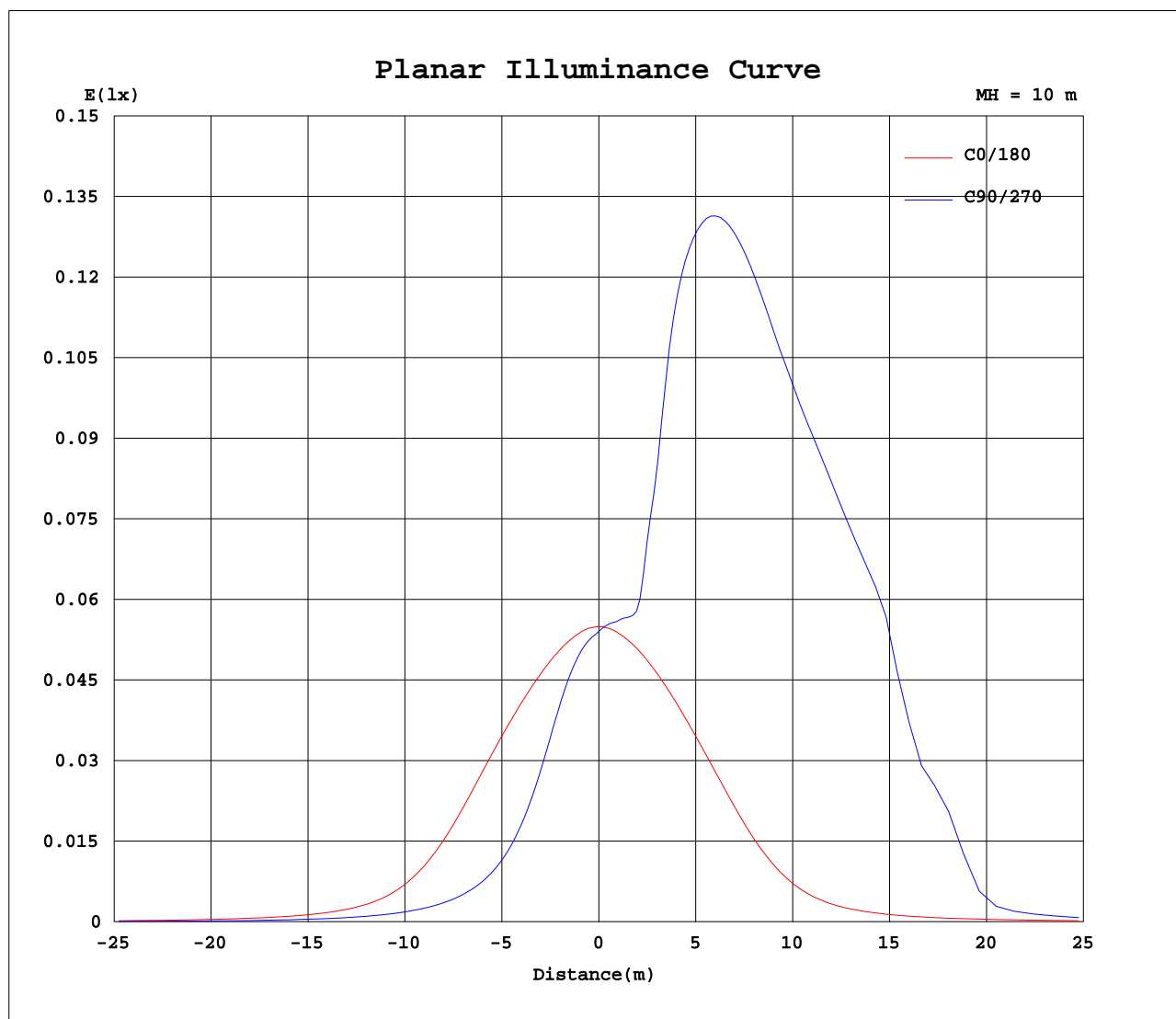
AvgL	cd/m2
L_0~180(65)av	11
L_0~180(75)av	10
L_0~180(85)av	5
L_90~270(65)av	33
L_90~270(75)av	8
L_90~270(85)av	1
L_45(65)av	114
L_45(75)av	12
L_45(85)av	2

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Oliver
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.499m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Oliver
Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 2.499m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43
5	5.40	5.33	5.28	5.23	5.18	5.15	5.14	5.15	5.18	5.23	5.28	5.32	5.40	5.47	5.54	5.60	5.63	5.65	5.66
10	5.33	5.20	5.05	4.87	4.70	4.58	4.53	4.58	4.70	4.87	5.06	5.20	5.33	5.48	5.60	5.75	5.87	5.96	6.00
15	5.23	5.02	4.70	4.28	3.89	3.65	3.57	3.66	3.92	4.32	4.72	5.02	5.24	5.45	5.71	6.03	7.12	8.13	8.42
20	5.09	4.76	4.20	3.50	2.95	2.66	2.57	2.67	2.99	3.55	4.24	4.77	5.10	5.41	5.86	8.04	10.4	12.3	12.9
25	4.87	4.41	3.54	2.67	2.13	1.86	1.80	1.88	2.16	2.73	3.60	4.42	4.86	5.31	7.12	11.1	14.4	16.3	16.9
30	4.48	3.91	2.79	1.95	1.51	1.32	1.28	1.33	1.54	1.99	2.86	3.92	4.48	5.07	8.81	14.1	17.5	19.6	20.3
35	3.82	3.18	2.05	1.39	1.09	0.96	0.93	0.97	1.11	1.42	2.11	3.21	3.85	4.69	11.1	16.3	20.1	22.6	23.4
40	2.90	2.31	1.43	1.00	0.81	0.72	0.70	0.72	0.81	1.01	1.46	2.35	2.95	4.72	12.2	18.1	22.5	25.1	26.0
45	1.95	1.53	0.99	0.74	0.61	0.55	0.53	0.54	0.61	0.74	1.01	1.57	2.00	4.57	12.6	19.5	24.2	27.3	28.4
50	1.24	1.02	0.71	0.55	0.46	0.41	0.40	0.42	0.46	0.55	0.72	1.04	1.27	4.59	12.5	20.1	25.9	29.9	31.2
55	0.84	0.72	0.53	0.42	0.35	0.32	0.31	0.32	0.35	0.41	0.52	0.72	0.86	3.45	10.9	20.7	27.8	31.9	33.1
60	0.60	0.52	0.39	0.31	0.27	0.24	0.23	0.24	0.26	0.31	0.38	0.51	0.63	1.91	6.65	18.8	23.5	20.3	20.3
65	0.46	0.37	0.28	0.23	0.20	0.17	0.17	0.17	0.19	0.22	0.28	0.36	0.48	0.88	2.59	9.68	9.42	2.99	2.60
70	0.36	0.26	0.20	0.16	0.14	0.12	0.12	0.12	0.14	0.16	0.19	0.25	0.36	0.60	0.92	1.70	1.46	1.09	0.97
75	0.25	0.17	0.13	0.11	0.09	0.08	0.08	0.08	0.09	0.10	0.12	0.16	0.24	0.37	0.40	0.51	0.46	0.36	0.33
80	0.15	0.10	0.07	0.06	0.05	0.05	0.04	0.05	0.05	0.06	0.07	0.09	0.13	0.17	0.14	0.13	0.09	0.03	0.02
85	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.04	0.03	0.02	0.01	0.01	0.00
90	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	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	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	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	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	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	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	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.01	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	0.00
130	0.01	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	0.00	0.00
135	0.01	0.00	0.00	0.01	0.01	0.01	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
140	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
145	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00
150	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	0.01	0.02	0.01	0.00	0.00
155	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	0.02	0.02	0.01	0.00	0.00
160	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.02	0.01	0.01	0.02	0.02	0.01	0.00
165	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.02	0.02	0.01	0.01	0.00	0.00	0.00
170	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00
175	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.00
180	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Oliver
 Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.499m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	5.43	5.43	5.43	5.43	5.43													
5	5.66	5.63	5.60	5.54	5.47													
10	5.96	5.87	5.76	5.60	5.48													
15	8.07	6.97	5.99	5.70	5.47													
20	12.2	10.1	7.83	5.80	5.40													
25	16.2	14.2	10.7	6.69	5.31													
30	19.5	17.2	13.8	8.21	5.06													
35	22.4	19.9	15.9	10.4	4.53													
40	25.0	22.2	17.7	11.5	3.96													
45	27.1	23.9	18.9	11.7	3.56													
50	29.7	25.4	19.4	11.4	3.41													
55	31.7	27.2	19.5	9.72	2.87													
60	20.6	25.1	17.2	5.86	1.67													
65	3.30	13.1	9.07	2.06	0.77													
70	1.16	1.59	1.65	0.85	0.54													
75	0.38	0.49	0.54	0.40	0.35													
80	0.04	0.12	0.15	0.16	0.19													
85	0.01	0.01	0.03	0.04	0.06													
90	0.00	0.00	0.00	0.00	0.00													
95	0.00	0.00	0.00	0.00	0.00													
100	0.00	0.00	0.00	0.00	0.00													
105	0.00	0.00	0.00	0.00	0.00													
110	0.00	0.00	0.00	0.00	0.00													
115	0.00	0.00	0.00	0.00	0.00													
120	0.00	0.00	0.00	0.00	0.00													
125	0.00	0.00	0.00	0.00	0.00													
130	0.00	0.00	0.00	0.00	0.00													
135	0.00	0.00	0.00	0.00	0.00													
140	0.00	0.00	0.00	0.00	0.00													
145	0.00	0.01	0.00	0.00	0.00													
150	0.00	0.01	0.01	0.01	0.01													
155	0.00	0.01	0.02	0.02	0.01													
160	0.00	0.01	0.02	0.02	0.01													
165	0.00	0.01	0.01	0.01	0.01													
170	0.00	0.00	0.00	0.00	0.01													
175	0.00	0.00	0.00	0.00	0.00													
180	0.00	0.00	0.00	0.00	0.00													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Oliver
 Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.499m [K=1.0000]
 Remarks: