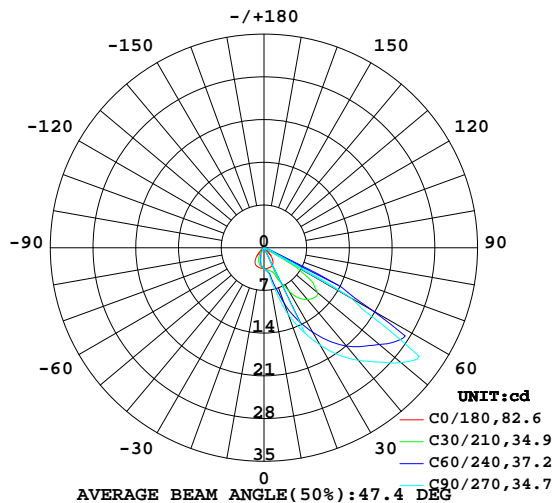


LUMINAIRE PHOTOMETRIC TEST REPORT

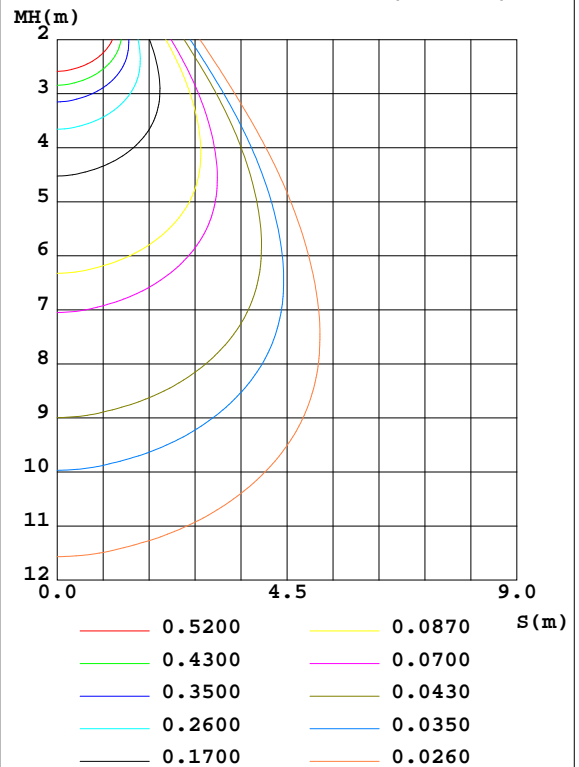
Test:U:120.08V I:0.0172A P:1.8542W PF:0.8965 Freq:59.99Hz Lamp Flux:24.264x1 lm		
NAME: WL-LED102-30-BZ	TYPE:Surface-mounted Luminaire	HEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WAC Lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 13.09 lm/W			
MODEL		I _{max} (cd)	31.02	S/MH(C0/180)	1.18
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	2.63
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	24.264	η UP,DN(C0-180)	0.0,7.0
NOMINAL FLUX(lm)	24.264	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,93.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	100.0	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

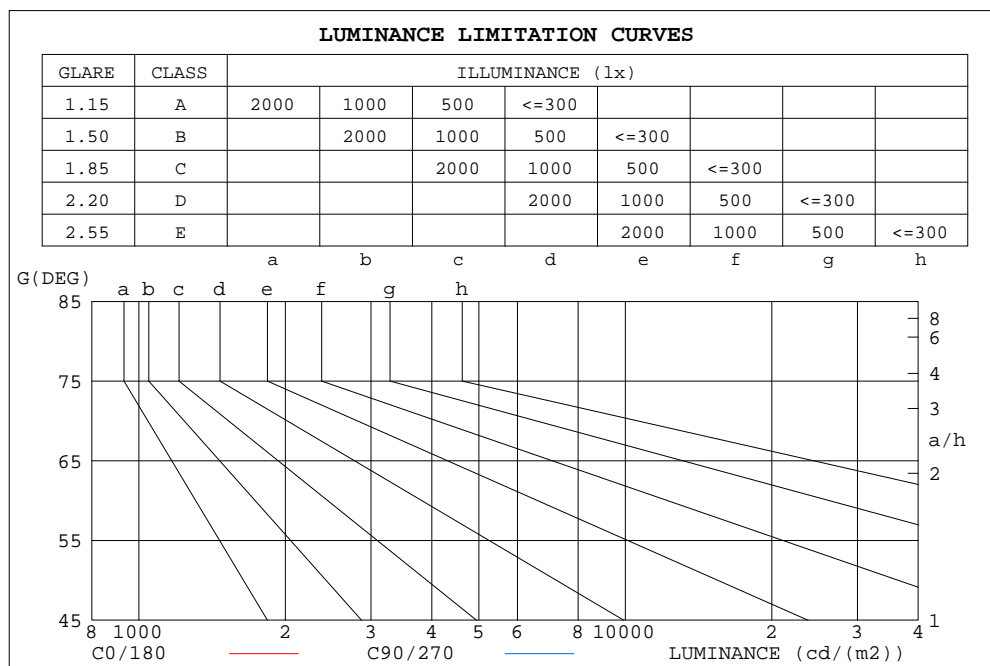
ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3.386	2.945	2.690	2.964	3.412	3.913	4.229	3.881	0- 10	0.3270	0.3270	1.35,1.35
20	3.278	2.022	1.409	2.069	3.334	6.943	11.63	6.597	10- 20	1.119	1.446	5.96,5.96
30	2.935	1.076	0.6557	1.108	2.958	12.87	18.40	12.15	20- 30	2.583	4.030	16.6,16.6
40	1.922	0.5328	0.3478	0.5308	1.867	16.88	24.09	15.82	30- 40	4.451	8.480	35,35
50	0.7695	0.2899	0.2034	0.2807	0.7029	19.06	29.29	17.71	40- 50	6.276	14.76	60.8,60.8
60	0.3493	0.1663	0.1182	0.1594	0.3320	17.09	16.49	15.58	50- 60	7.124	21.88	90.2,90.2
70	0.1997	0.0848	0.0621	0.0823	0.1902	0.9950	0.6456	1.192	60- 70	2.174	24.05	99.1,99.1
80	0.0786	0.0308	0.0231	0.0300	0.0657	0.0614	0.0047	0.0874	70- 80	0.1852	24.24	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	0.0140	24.25	100,100
100	0	0	0	0	0	0	0	0	90-100	0	24.25	100,100
110	0	0	0	0	0	0	0	0	100-110	0	24.25	100,100
120	0.0059	0	0.0009	0	0	0	0	0	110-120	0.0001	24.25	100,100
130	0.0097	0.0055	0.0056	0	0	0	0	0	120-130	0.0008	24.25	100,100
140	0.0156	0.0047	0.0056	0.0043	0.0038	0.0000	0	0	130-140	0.0017	24.26	100,100
150	0.0202	0.0064	0.0064	0.0051	0.0055	0.0124	0	0.0086	140-150	0.0027	24.26	100,100
160	0.0211	0.0094	0.0068	0.0098	0.0131	0.0124	0.0009	0.0107	150-160	0.0034	24.26	100,100
170	0.0148	0.0043	0.0034	0.0039	0.0068	0.0047	0.0013	0.0004	160-170	0.0018	24.26	100,100
180	0.0021	0.0021	0.0004	0	0.0021	0.0034	0.0017	0.0017	170-180	0.0003	24.26	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
 γ Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.499m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES



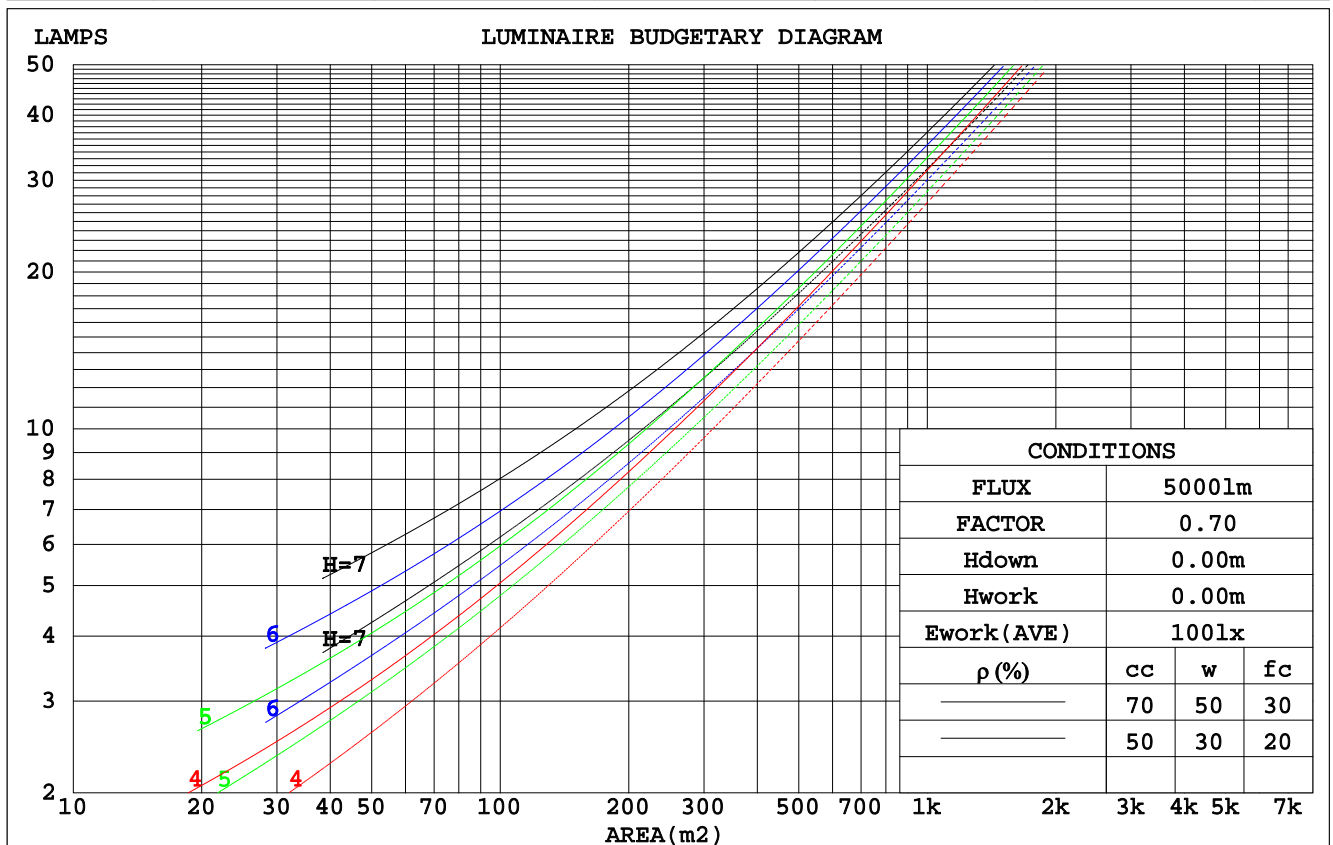
LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	2	1
80	5	1
75	5	2
70	6	2
65	6	2
60	7	2
55	9	3
50	12	3
45	18	4

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:

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	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.76	.80	.77	.74	.72
3.0	.80	.72	.66	.78	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.59
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.41
6.0	.54	.45	.38	.53	.44	.38	.51	.43	.37	.49	.42	.37	.48	.42	.37	.35
7.0	.48	.39	.32	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.29
8.0	.43	.34	.28	.42	.34	.28	.41	.33	.27	.40	.32	.27	.38	.32	.27	.25
9.0	.39	.30	.24	.38	.30	.24	.37	.29	.24	.36	.29	.24	.35	.28	.24	.22
10.0	.35	.27	.21	.35	.27	.21	.33	.26	.21	.33	.26	.21	.32	.25	.21	.19



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	.276	.157	.050	.269	.153	.049	.256	.147	.047	.244	.141	.045	.233	.135	.044	
2.0	.276	.151	.046	.270	.149	.046	.258	.144	.045	.248	.139	.043	.238	.134	.042	
3.0	.265	.141	.042	.260	.139	.042	.250	.135	.041	.240	.132	.040	.231	.128	.040	
4.0	.251	.131	.038	.246	.129	.038	.237	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.236	.120	.035	.232	.119	.035	.224	.116	.034	.216	.114	.034	.209	.112	.034	
6.0	.222	.111	.032	.218	.110	.032	.210	.108	.031	.203	.106	.031	.197	.104	.031	
7.0	.208	.103	.029	.204	.102	.029	.198	.100	.029	.191	.098	.029	.185	.096	.028	
8.0	.195	.095	.027	.192	.094	.027	.186	.093	.026	.180	.091	.026	.175	.090	.026	
9.0	.183	.089	.025	.180	.088	.025	.175	.086	.024	.170	.085	.024	.165	.084	.024	
10.0	.172	.083	.023	.170	.082	.023	.165	.081	.023	.160	.080	.023	.156	.078	.023	

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	.170	.132	.100	.146	.114	.087	.100	.079	.060	.058	.046	.035	.019	.015	.012	
3.0	.164	.115	.075	.141	.099	.065	.096	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.101	.058	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.152	.091	.047	.130	.079	.041	.090	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.145	.083	.038	.125	.072	.033	.086	.050	.024	.050	.030	.014	.016	.010	.005	
7.0	.139	.076	.032	.120	.066	.028	.083	.046	.020	.048	.027	.012	.016	.009	.004	
8.0	.133	.071	.028	.115	.061	.024	.079	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.127	.066	.024	.110	.057	.021	.076	.040	.015	.044	.024	.009	.014	.008	.003	
10.0	.122	.062	.022	.105	.054	.019	.073	.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	1.6	3.2	1.9	3.4	3.6	-4.9	-3.3	-4.7	-3.1	-2.9
3H	2.2	3.7	2.5	3.9	4.1	-4.3	-2.8	-4.0	-2.6	-2.4
4H	2.5	3.9	2.8	4.1	4.4	-4.0	-2.7	-3.7	-2.4	-2.2
6H	2.7	4.0	3.1	4.3	4.6	-3.9	-2.6	-3.6	-2.3	-2.1
8H	2.8	4.0	3.1	4.3	4.6	-3.9	-2.6	-3.5	-2.3	-2.0
12H	2.8	4.0	3.1	4.3	4.6	-3.9	-2.7	-3.5	-2.4	-2.1
4H 2H	1.4	2.8	1.7	3.0	3.3	-4.3	-2.9	-3.9	-2.6	-2.4
3H	2.2	3.3	2.5	3.6	3.9	-3.5	-2.3	-3.1	-2.0	-1.7
4H	2.6	3.6	2.9	3.9	4.3	-3.1	-2.1	-2.7	-1.7	-1.4
6H	2.9	3.8	3.3	4.2	4.5	-2.9	-2.0	-2.5	-1.6	-1.2
8H	3.0	3.9	3.4	4.2	4.6	-2.8	-2.0	-2.4	-1.6	-1.2
12H	3.1	3.8	3.5	4.2	4.6	-2.8	-2.0	-2.3	-1.6	-1.2
8H 4H	2.5	3.4	2.9	3.7	4.1	-2.8	-2.0	-2.4	-1.6	-1.2
6H	2.9	3.6	3.4	4.0	4.4	-2.5	-1.8	-2.0	-1.4	-0.9
8H	3.1	3.7	3.5	4.1	4.6	-2.3	-1.7	-1.9	-1.3	-0.9
12H	3.1	3.7	3.6	4.1	4.6	-2.3	-1.8	-1.8	-1.3	-0.8
12H 4H	2.5	3.3	2.9	3.6	4.0	-2.8	-2.0	-2.4	-1.6	-1.2
6H	2.9	3.5	3.4	3.9	4.4	-2.4	-1.8	-1.9	-1.4	-0.9
8H	3.1	3.6	3.5	4.0	4.5	-2.2	-1.7	-1.8	-1.3	-0.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 1.1					+ 0.6 / - 0.7				
1.5H	+ 3.3 / - 2.2					+ 0.3 / - 0.5				
2.0H	+ 4.1 / - 2.3					+ 0.5 / - 0.9				

CIE Pub.117, 24.26 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -12.9$)

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:

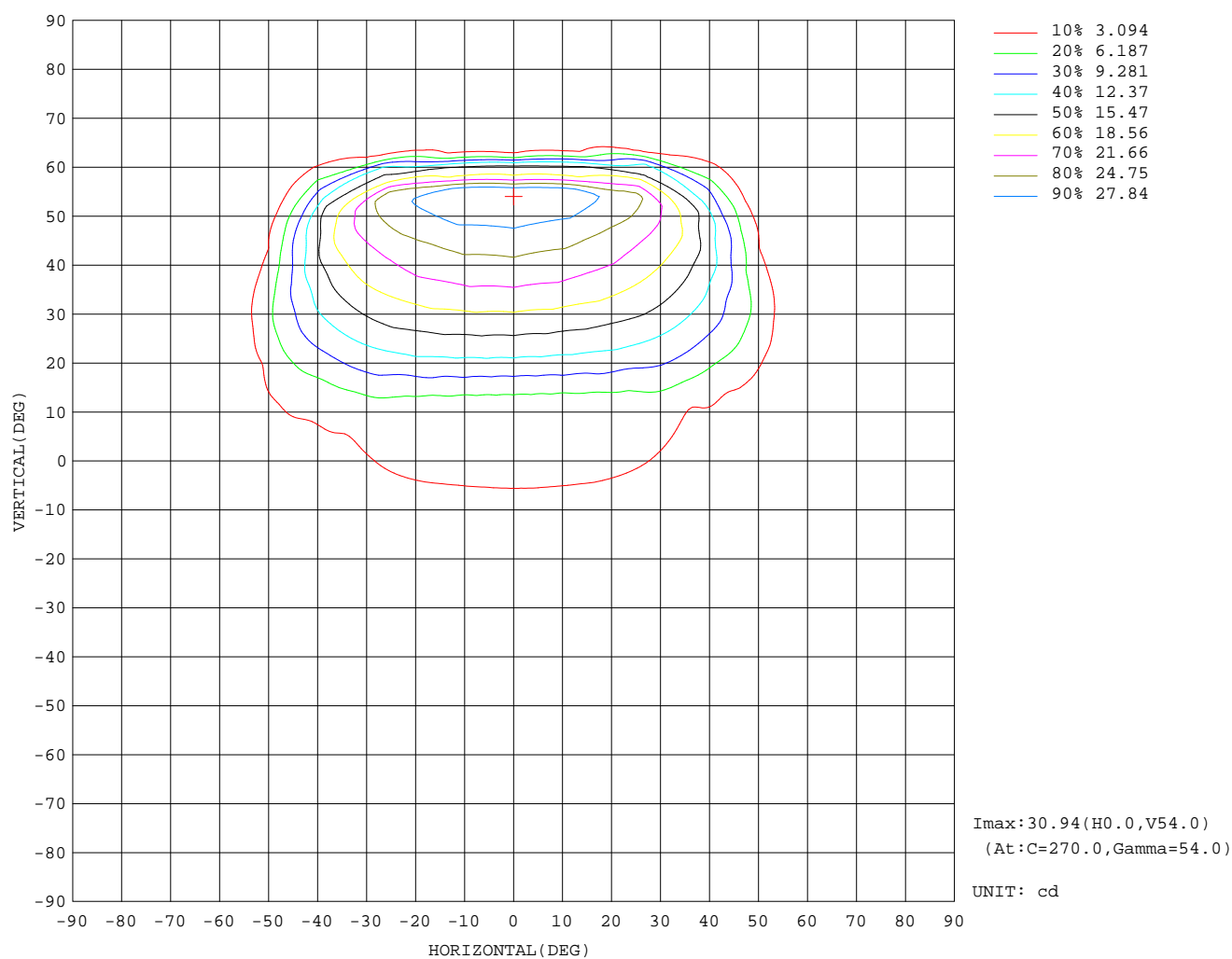
UTILIZATION FACTORS TABLE

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	49	36	28	48	36	28	47	35	28	20
0.80	62	49	41	61	48	41	59	48	40	33
1.00	73	62	54	72	61	54	70	63	53	46
1.25	82	71	64	81	71	64	78	69	63	55
1.50	88	78	71	86	77	70	83	75	69	62
2.00	96	88	81	94	87	81	91	84	79	72
2.50	100	92	86	98	91	86	94	88	84	76
3.00	103	97	91	101	95	90	97	92	88	80
4.00	107	101	97	104	100	96	100	96	93	84
5.00	109	104	100	106	102	99	102	99	95	86
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:

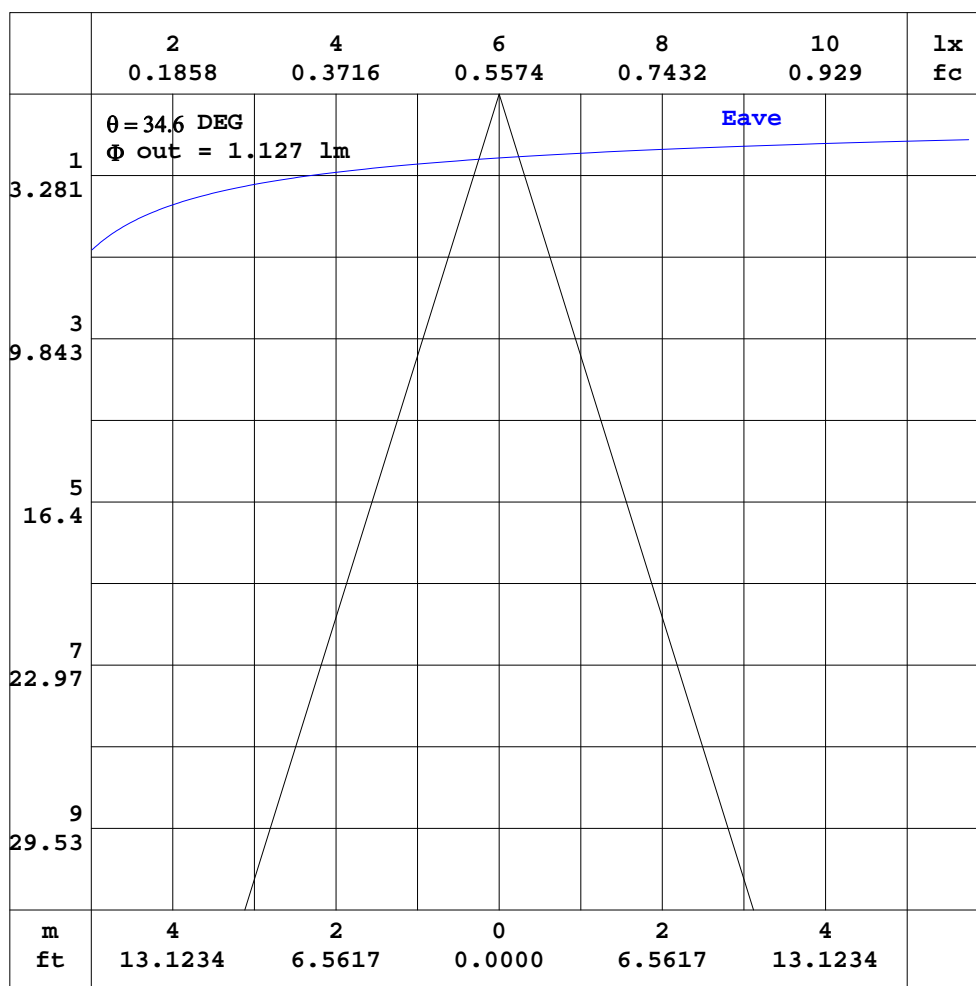
ISOCANDELA DIAGRAM



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

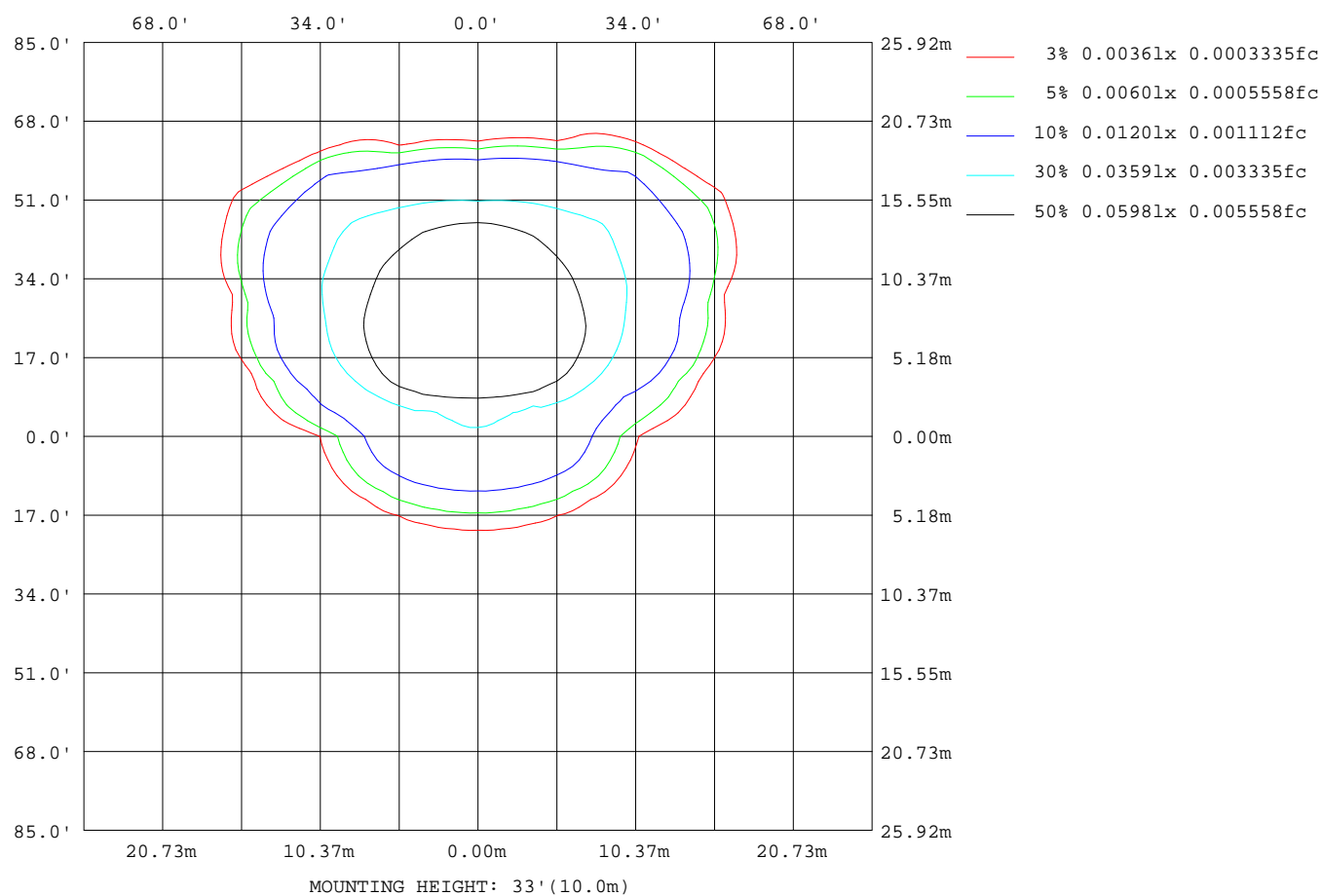


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:

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:0.0172A P:1.8542W PF:0.8965 Freq:59.99Hz Lamp Flux:24.264x1 lm		
NAME: WL-LED102-30-BZ	TYPE:Surface-mounted Luminaire	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WAC Lighting	SUR.:	Shielding Angle:

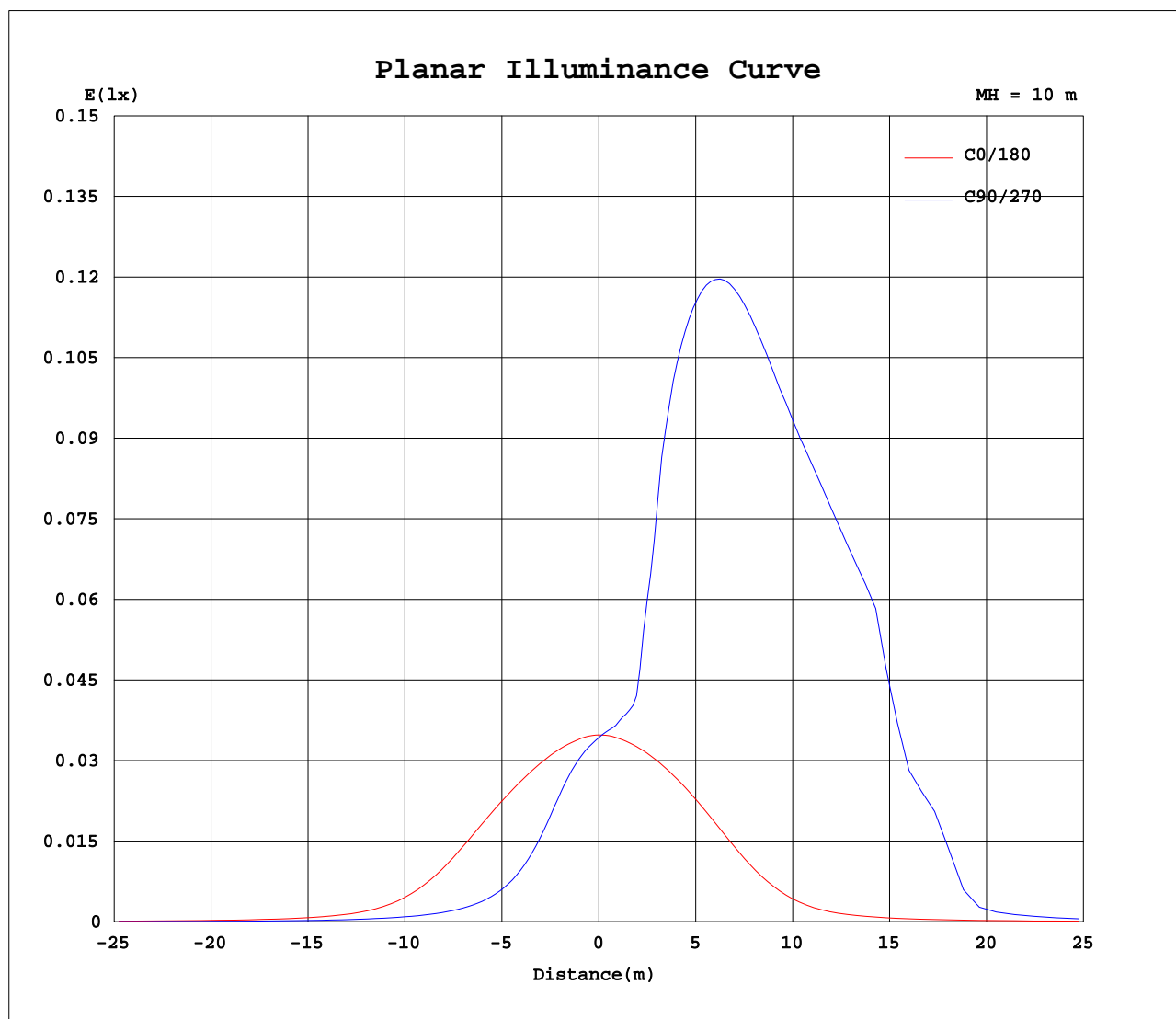
AvgL	cd/m2
L_0~180(65)av	6
L_0~180(75)av	5
L_0~180(85)av	2
L_90~270(65)av	23
L_90~270(75)av	5
L_90~270(85)av	0
L_45(65)av	89
L_45(75)av	8
L_45(85)av	1

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	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44
5	3.42	3.35	3.29	3.23	3.19	3.15	3.15	3.16	3.19	3.24	3.29	3.36	3.43	3.50	3.57	3.62	3.66	3.69	3.71
10	3.39	3.24	3.10	2.94	2.81	2.72	2.69	2.73	2.82	2.96	3.12	3.26	3.41	3.56	3.70	3.91	4.07	4.19	4.23
15	3.35	3.12	2.85	2.54	2.26	2.09	2.03	2.10	2.28	2.57	2.89	3.16	3.39	3.60	3.94	4.41	6.02	6.92	7.21
20	3.28	2.96	2.52	2.02	1.65	1.46	1.41	1.47	1.69	2.07	2.57	3.01	3.33	3.68	4.28	6.94	9.74	11.2	11.6
25	3.16	2.75	2.10	1.51	1.16	0.99	0.95	1.00	1.19	1.55	2.16	2.79	3.21	3.70	6.08	10.4	13.1	14.7	15.1
30	2.94	2.43	1.63	1.08	0.80	0.68	0.66	0.69	0.82	1.11	1.68	2.45	2.96	3.61	8.23	12.9	16.0	17.8	18.4
35	2.52	1.98	1.17	0.75	0.57	0.49	0.47	0.49	0.57	0.77	1.20	1.97	2.51	3.56	10.1	15.0	18.7	20.9	21.5
40	1.92	1.42	0.80	0.53	0.41	0.36	0.35	0.36	0.41	0.53	0.80	1.39	1.87	3.99	11.1	16.9	21.0	23.4	24.1
45	1.28	0.92	0.54	0.39	0.31	0.27	0.26	0.27	0.31	0.38	0.53	0.88	1.20	4.37	11.6	18.3	22.9	25.7	26.5
50	0.77	0.59	0.39	0.29	0.24	0.21	0.20	0.21	0.23	0.28	0.37	0.55	0.70	4.01	11.4	19.1	24.7	28.3	29.3
55	0.50	0.41	0.29	0.22	0.18	0.16	0.16	0.16	0.18	0.21	0.27	0.38	0.46	2.72	9.52	19.6	26.6	30.4	31.0
60	0.35	0.30	0.21	0.17	0.14	0.12	0.12	0.12	0.14	0.16	0.20	0.27	0.33	1.25	4.96	17.1	20.4	17.1	16.5
65	0.26	0.21	0.16	0.12	0.10	0.09	0.09	0.09	0.10	0.12	0.14	0.19	0.25	0.50	1.35	7.18	4.56	2.02	1.82
70	0.20	0.15	0.11	0.08	0.07	0.07	0.06	0.06	0.07	0.08	0.10	0.13	0.19	0.32	0.54	0.99	1.02	0.74	0.65
75	0.14	0.09	0.07	0.06	0.05	0.04	0.04	0.04	0.05	0.05	0.06	0.08	0.13	0.19	0.21	0.29	0.28	0.22	0.20
80	0.08	0.05	0.04	0.03	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.05	0.07	0.08	0.07	0.06	0.03	0.01	0.00
85	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.00	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	0.01	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	0.00	0.00	0.00	0.00	0.00
125	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	0.00	0.00	0.00	0.00	0.00
130	0.01	0.00	0.00	0.01	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
135	0.01	0.00	0.00	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	0.00	0.00
140	0.02	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
145	0.02	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	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	0.00	0.00	0.01	0.01	0.01	0.01	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	0.00	0.01	0.01	0.01	0.01	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	0.01	0.01	0.01	0.01	0.01	0.00	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	0.01	0.01	0.01	0.00	0.00	0.00	0.00
170	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	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	0.00	0.00	0.01	0.00	0.00	0.00	0.00
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	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	3.44	3.44	3.44	3.44	3.44													
5	3.69	3.65	3.61	3.56	3.49													
10	4.17	4.05	3.88	3.67	3.53													
15	6.84	5.83	4.30	3.88	3.56													
20	11.1	9.35	6.60	4.13	3.59													
25	14.4	12.6	9.73	5.58	3.61													
30	17.5	15.4	12.1	7.28	3.52													
35	20.5	17.9	14.1	9.23	3.26													
40	23.0	20.2	15.8	10.1	3.27													
45	25.1	21.9	17.1	10.5	3.21													
50	27.7	23.5	17.7	10.3	3.23													
55	29.7	25.3	18.0	8.68	2.44													
60	17.0	21.3	15.6	4.98	1.25													
65	2.14	7.83	7.61	1.56	0.51													
70	0.81	1.16	1.19	0.60	0.33													
75	0.24	0.32	0.37	0.25	0.20													
80	0.01	0.06	0.09	0.09	0.10													
85	0.00	0.00	0.01	0.01	0.02													
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	0.00	0.00	0.00	0.00													
150	0.00	0.01	0.01	0.00	0.00													
155	0.00	0.01	0.01	0.01	0.00													
160	0.00	0.00	0.01	0.01	0.00													
165	0.00	0.00	0.00	0.00	0.00													
170	0.00	0.00	0.00	0.00	0.00													
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: