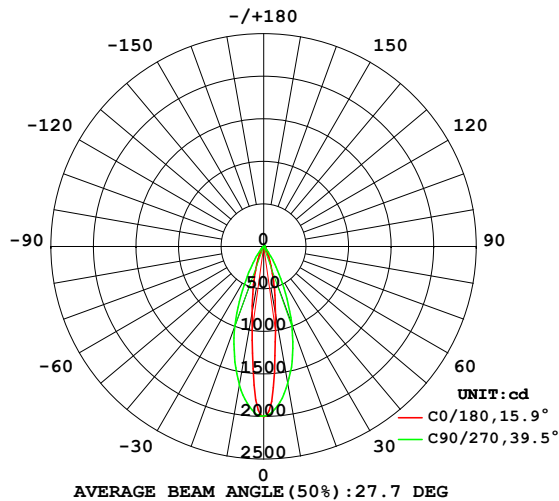


LUMINAIRE PHOTOMETRIC TEST REPORT

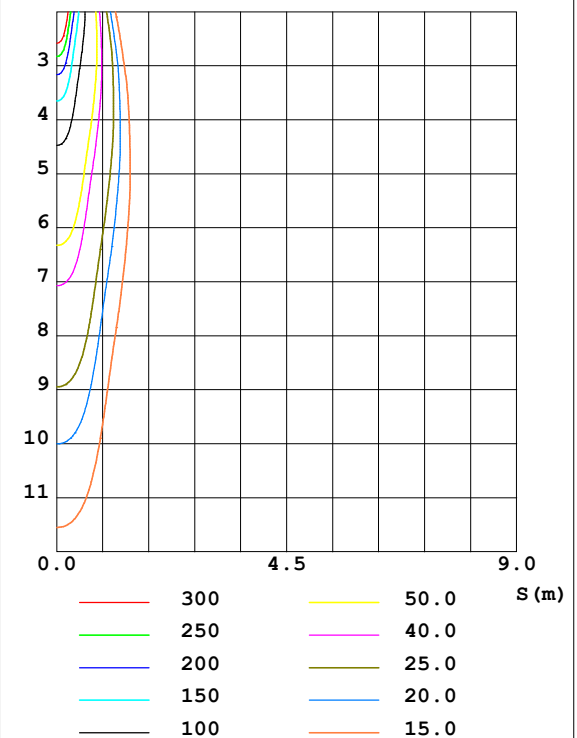
Test:U:24.00V I:0.4314A P:10.35W PF:1.000 Lamp Flux:577.10lx1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.74 lm/W			
MODEL		I _{max} (cd)	2001	S/MH (C0/180)	0.28
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.63
RATED VOLTAGE (V)		TOTAL FLUX (lm)	577.10	η UP, DN (C0-180)	1.7, 48.4
NOMINAL FLUX (lm)	577.101	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 48.6
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)		η down (%)	96.9	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



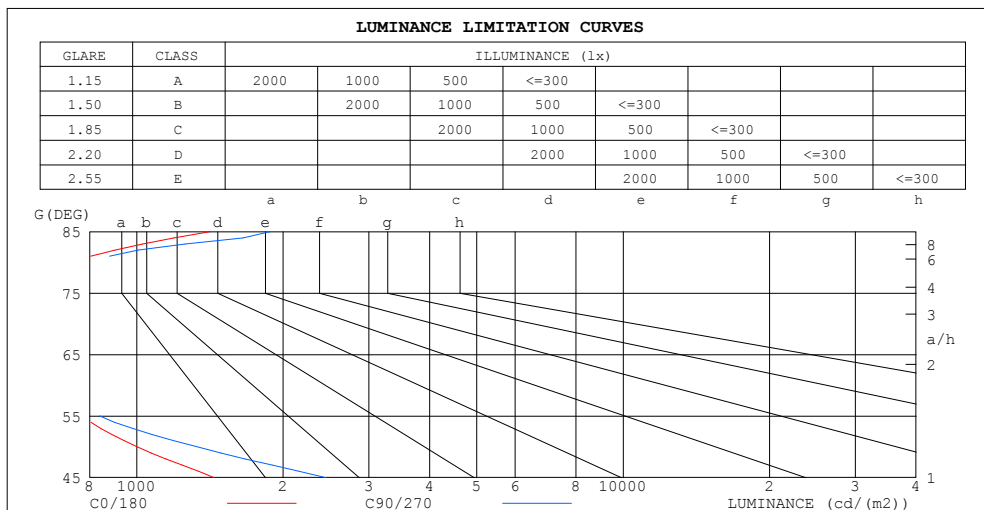
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks: Green

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	810.4	1023	1632	955.1	796.1	966.4	1650	1093	0- 10	141.1	141.1	24.4,24.4
20	272.1	353.1	968.7	343.0	265.5	338.2	990.6	389.3	10- 20	203.2	344.3	59.7,59.7
30	90.30	115.4	329.1	114.7	87.32	111.5	354.7	129.3	20- 30	125.8	470.1	81.5,81.5
40	33.12	39.73	74.18	39.00	32.24	38.71	80.34	44.00	30- 40	54.12	524.2	90.8,90.8
50	12.87	14.54	17.08	13.92	11.66	13.33	17.61	15.07	40- 50	20.56	544.8	94.4,94.4
60	6.061	5.725	6.001	5.321	4.188	4.062	4.934	4.669	50- 60	8.023	552.8	95.8,95.8
70	3.216	3.096	3.253	3.156	0.9966	0.8707	1.399	1.111	60- 70	3.258	556.1	96.4,96.4
80	2.522	2.546	2.703	2.630	0.3252	0.3733	0.4577	0.3733	70- 80	1.693	557.8	96.6,96.6
90	2.330	2.312	2.396	2.438	0.4818	0.5540	0.6263	0.5419	80- 90	1.599	559.4	96.9,96.9
100	2.071	2.179	2.263	2.191	0.7828	0.8551	0.9755	0.8490	90-100	1.583	560.9	97.2,97.2
110	2.004	2.141	2.233	2.094	1.162	1.337	1.512	1.307	100-110	1.680	562.6	97.5,97.5
120	2.047	2.299	2.576	2.329	1.783	2.102	2.264	2.054	110-120	1.898	564.5	97.8,97.8
130	2.695	3.069	3.328	3.201	3.108	3.155	3.173	3.089	120-130	2.332	566.9	98.2,98.2
140	4.260	4.236	4.272	4.405	4.269	4.112	4.010	4.070	130-140	2.828	569.7	98.7,98.7
150	5.530	5.362	5.056	5.513	4.744	4.792	4.551	4.714	140-150	2.913	572.6	99.2,99.2
160	6.350	5.904	5.453	6.079	5.050	5.177	4.810	4.825	150-160	2.443	575.0	99.6,99.6
170	6.044	5.623	5.538	5.996	5.074	5.328	5.069	4.797	160-170	1.549	576.6	99.9,99.9
180	5.044	5.393	5.520	5.321	4.978	5.339	5.496	5.297	170-180	0.5105	577.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1419	1883
80	726	778
75	493	499
70	470	476
65	505	512
60	606	600
55	772	839
50	1001	1328
45	1443	2450

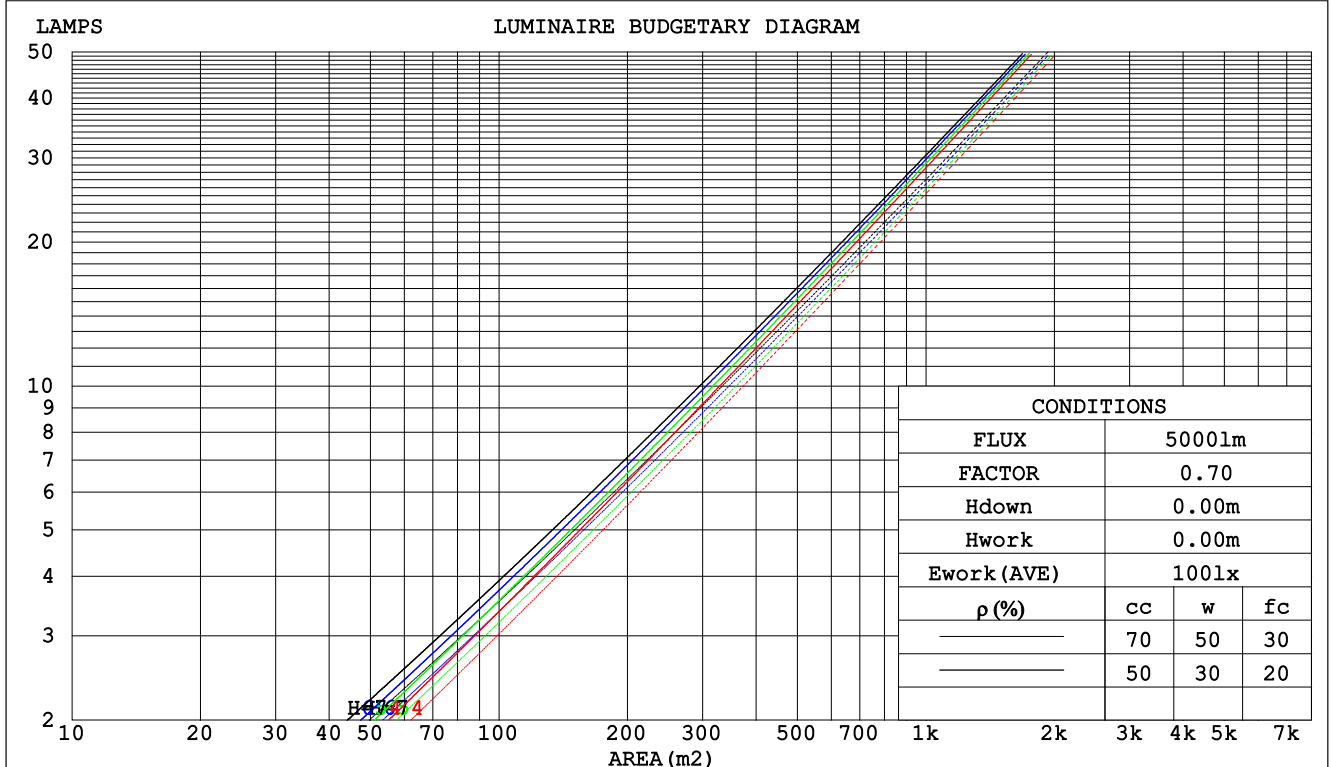
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: Green

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4314A P:10.35W PF:1.000 Lamp Flux:577.10lx1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	.90	.98	.97	.96	.95	.94	.92
2.0	1.04	1.01	.98	1.02	.99	.96	.99	.96	.94	.95	.93	.91	.92	.90	.89	.87
3.0	.98	.94	.91	.97	.93	.90	.94	.91	.88	.91	.88	.86	.88	.86	.84	.83
4.0	.93	.88	.85	.92	.88	.84	.89	.86	.83	.87	.84	.82	.85	.82	.80	.79
5.0	.89	.84	.80	.88	.83	.79	.86	.82	.78	.84	.80	.78	.82	.79	.77	.75
6.0	.85	.79	.76	.84	.79	.75	.82	.78	.75	.80	.77	.74	.79	.76	.73	.72
7.0	.81	.76	.72	.80	.75	.72	.79	.74	.71	.77	.73	.71	.76	.73	.70	.69
8.0	.77	.72	.69	.77	.72	.69	.75	.71	.68	.74	.71	.68	.73	.70	.67	.66
9.0	.74	.69	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.71	.67	.65	.64
10.0	.71	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.68	.65	.62	.61



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: Green

WEC AND CCEC

Test:U:24.00V I:0.4314A P:10.35W PF:1.000 Lamp Flux:577.101x1 lm					
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000			TYPE:		WEIGHT:
DIM.: Length=1m			SPEC.:		SERIAL No.:
MFR.:			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	.163	.093	.029	.156	.089	.028	.142	.081	.026	.128	.074	.024	.116	.067	.022	
2.0	.153	.084	.026	.146	.081	.025	.134	.075	.023	.123	.069	.022	.113	.064	.020	
3.0	.143	.076	.023	.138	.074	.022	.128	.069	.021	.118	.065	.020	.109	.060	.019	
4.0	.135	.070	.021	.130	.068	.020	.121	.064	.019	.113	.061	.018	.105	.057	.017	
5.0	.128	.065	.019	.123	.063	.018	.116	.060	.018	.108	.057	.017	.102	.054	.016	
6.0	.121	.061	.017	.117	.059	.017	.110	.057	.016	.104	.054	.016	.098	.052	.015	
7.0	.115	.057	.016	.112	.056	.016	.106	.053	.015	.100	.051	.015	.094	.049	.014	
8.0	.109	.054	.015	.107	.052	.015	.101	.051	.014	.096	.049	.014	.091	.047	.014	
9.0	.105	.051	.014	.102	.050	.014	.097	.048	.014	.092	.046	.013	.088	.045	.013	
10.0	.100	.048	.013	.098	.047	.013	.093	.046	.013	.089	.044	.013	.085	.043	.012	

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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.194	.181	.170	.166	.155	.146	.113	.107	.101	.065	.062	.059	.021	.020	.019	
2.0	.177	.156	.139	.152	.135	.120	.104	.093	.084	.060	.054	.049	.019	.018	.016	
3.0	.164	.137	.116	.141	.118	.101	.097	.082	.071	.056	.048	.042	.018	.016	.014	
4.0	.153	.122	.099	.131	.106	.086	.090	.074	.061	.052	.043	.036	.017	.014	.012	
5.0	.143	.111	.087	.123	.096	.075	.085	.067	.053	.049	.039	.032	.016	.013	.010	
6.0	.135	.101	.077	.116	.087	.067	.080	.061	.047	.046	.036	.028	.015	.012	.009	
7.0	.128	.093	.069	.110	.081	.060	.076	.057	.043	.044	.033	.025	.014	.011	.008	
8.0	.122	.087	.063	.105	.075	.055	.073	.053	.039	.042	.031	.023	.014	.010	.008	
9.0	.116	.081	.058	.100	.071	.050	.069	.050	.036	.040	.029	.021	.013	.010	.007	
10.0	.112	.077	.054	.096	.067	.047	.067	.047	.033	.039	.028	.020	.013	.009	.007	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYH
 Test Date:2024-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks: Green

Uncorrected UGR Table

Test:U:24.00V I:0.4314A P:10.35W PF:1.000 Lamp Flux:577.101x1 lm											
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000					TYPE:			WEIGHT:			
DIM.: Length=1m					SPEC.:			SERIAL No.:			
MFR.:					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	2H	6.2	7.0	6.4	7.2	7.4	9.6	10.4	9.9	10.6	10.8
	3H	6.5	7.2	6.8	7.4	7.7	9.6	10.3	9.9	10.6	10.8
	4H	6.6	7.3	7.0	7.6	7.9	9.6	10.3	10.0	10.6	10.9
	6H	7.0	7.7	7.4	8.0	8.3	9.8	10.4	10.1	10.7	11.0
	8H	7.3	8.0	7.7	8.3	8.6	9.9	10.5	10.3	10.8	11.2
	12H	7.8	8.4	8.2	8.7	9.1	10.3	10.9	10.7	11.2	11.6
4H	2H	6.2	6.9	6.5	7.1	7.4	9.5	10.1	9.8	10.4	10.7
	3H	6.6	7.2	6.9	7.5	7.8	9.5	10.1	9.9	10.4	10.8
	4H	6.9	7.4	7.3	7.8	8.2	9.6	10.1	10.0	10.5	10.8
	6H	7.5	8.0	7.9	8.4	8.8	9.8	10.3	10.3	10.7	11.1
	8H	8.0	8.4	8.4	8.8	9.3	10.1	10.6	10.5	11.0	11.4
	12H	8.7	9.1	9.1	9.5	10.0	10.7	11.1	11.2	11.6	12.0
8H	4H	7.0	7.5	7.5	7.9	8.3	9.6	10.0	10.0	10.4	10.8
	6H	7.9	8.2	8.3	8.7	9.2	9.9	10.3	10.4	10.8	11.2
	8H	8.6	8.9	9.0	9.3	9.9	10.4	10.7	10.8	11.1	11.7
	12H	9.5	9.8	10.0	10.3	10.8	11.2	11.5	11.7	12.0	12.5
12H	4H	7.0	7.4	7.5	7.9	8.3	9.5	10.0	10.0	10.4	10.8
	6H	8.0	8.3	8.5	8.8	9.3	10.0	10.3	10.5	10.8	11.3
	8H	8.8	9.1	9.3	9.6	10.1	10.5	10.7	11.0	11.2	11.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.8 / - 1.0					+ 3.1 / - 2.4					
1.5H	+ 1.3 / - 0.8					+ 5.0 / - 2.3					
2.0H	+ 1.2 / - 0.6					+ 3.0 / - 0.9					

CIE Pub.117 Corrected 577.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.9)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: Green

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.4314A P:10.35W PF:1.000 Lamp Flux:577.10lx1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

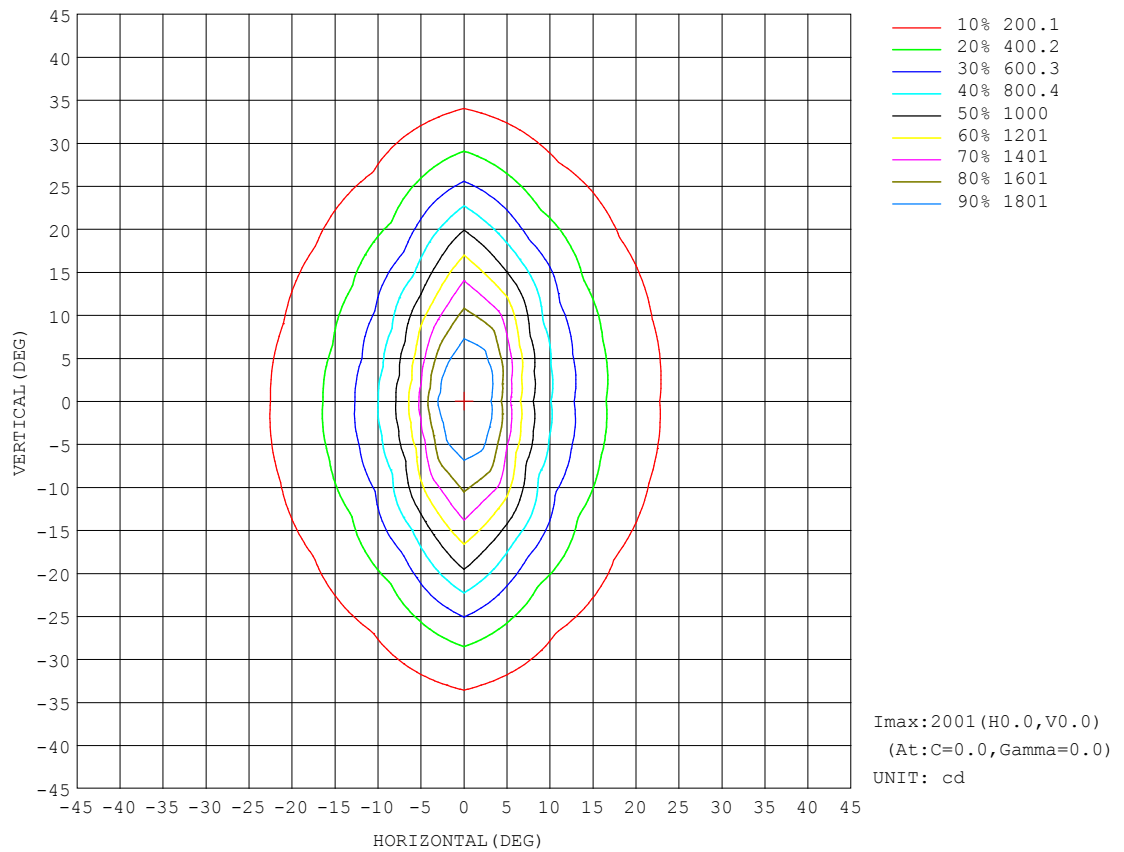
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	76	85	79	75	84	79	75	72
0.80	93	87	83	92	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	100	96	92	98	94	91	87
1.50	104	100	96	103	99	95	100	97	94	89
2.00	107	103	100	106	102	99	102	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	105	103	105	102	100	93
4.00	113	110	107	110	108	106	106	104	103	95
5.00	114	112	110	112	109	108	107	106	104	96
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: LYH
 Test Date: 2024-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks: Green

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.4314A P:10.35W PF:1.000 Lamp Flux:577.10lx1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

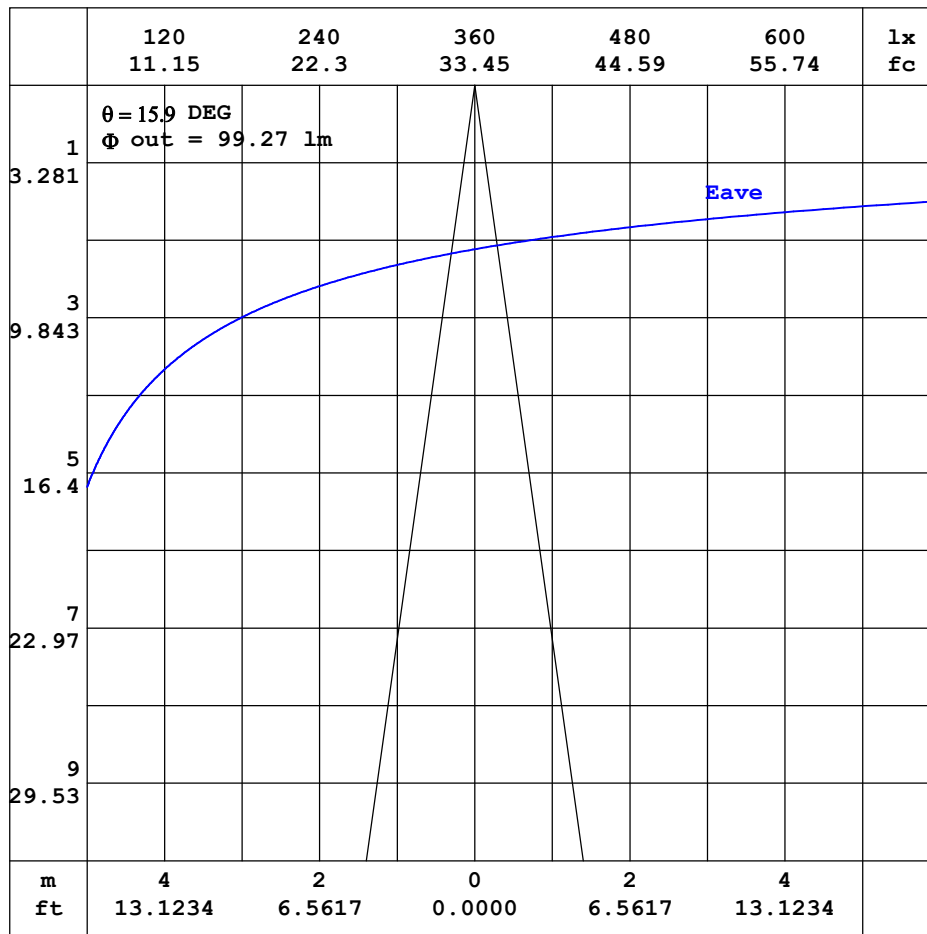


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: Green

AAI CURVES

Test:U:24.00V I:0.4314A P:10.35W PF:1.000 Lamp Flux:577.10lx1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



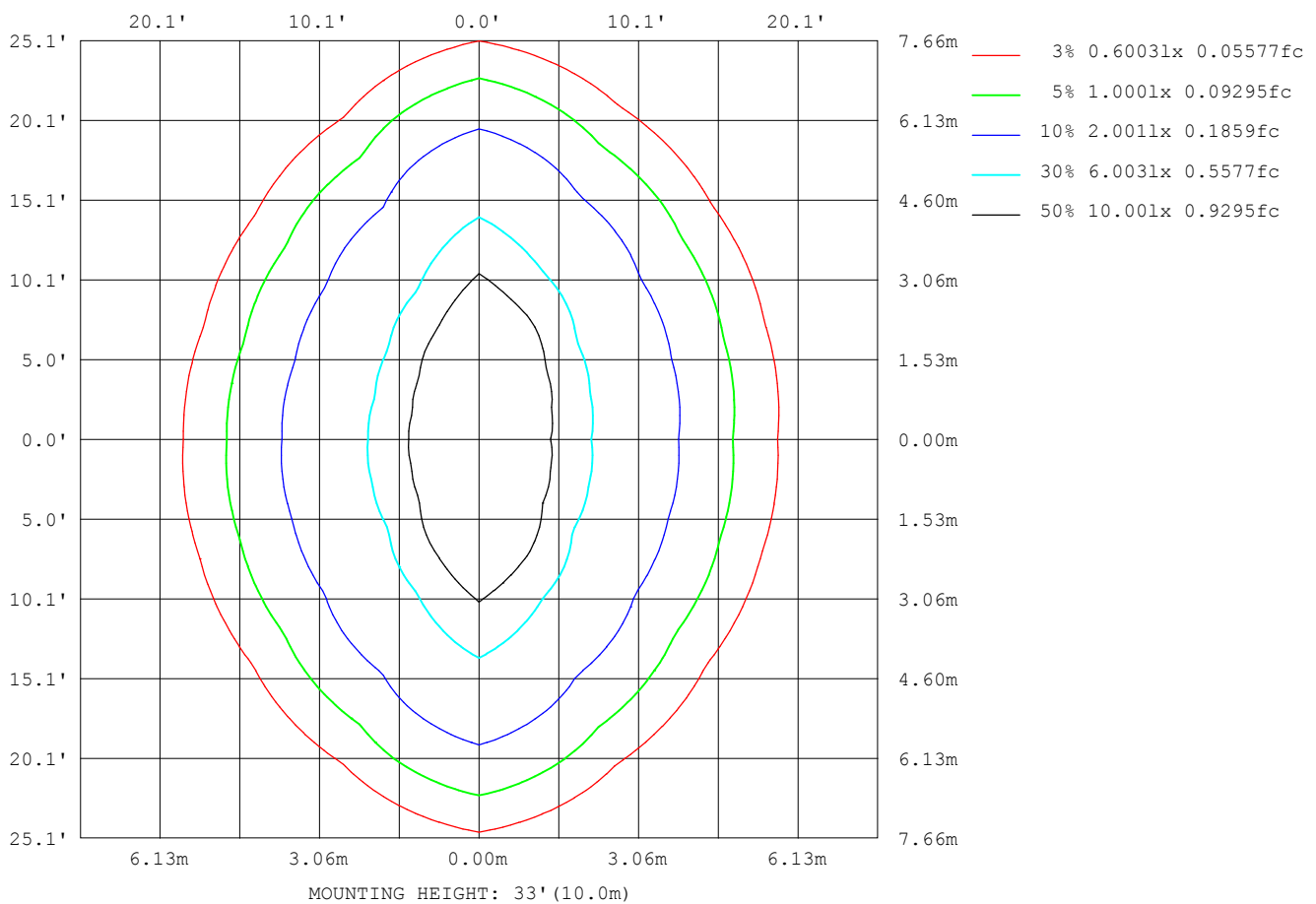
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks: Green

ISOLUX DIAGRAM

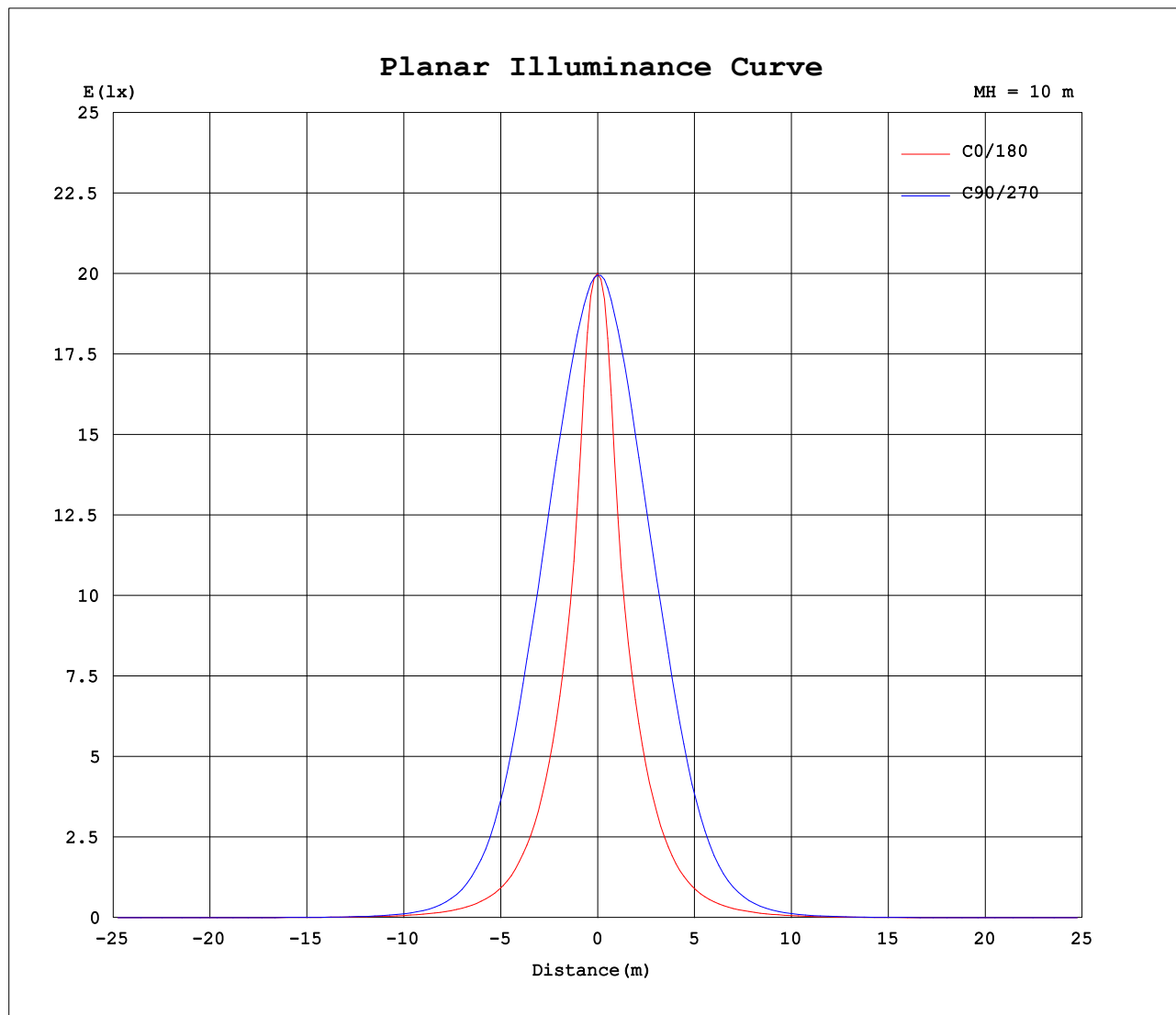
Test:U:24.00V I:0.4314A P:10.35W PF:1.000 Lamp Flux:577.10lx 1m		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks: Green

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks: Green

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4314A P:10.35W PF:1.000 Lamp Flux:577.101x1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	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	2001	1999	1999	1996	1995	1996	1996	1999	2001	1999	1999	1996	1995	1996	1996	1999			
5	1474	1576	1715	1866	1879	1811	1610	1472	1442	1465	1625	1790	1894	1885	1771	1576			
10	810	868	1023	1467	1632	1361	955	826	796	815	966	1326	1650	1510	1093	881			
15	476	515	604	963	1320	887	578	493	465	479	580	855	1335	1014	654	522			
20	272	295	353	572	969	537	343	288	266	276	338	516	991	613	389	304			
25	154	167	202	318	607	307	200	165	151	156	195	296	638	348	224	174			
30	90.3	97.0	115	175	329	171	115	95.1	87.3	89.2	112	165	355	192	129	101			
35	54.2	57.5	67.0	96.6	160	94.5	66.7	56.5	52.4	53.4	65.0	91.3	173	106	75.0	60.1			
40	33.1	35.1	39.7	52.9	74.2	52.1	39.0	34.0	32.2	32.7	38.7	50.4	80.3	57.2	44.0	36.5			
45	20.4	21.5	23.8	28.9	34.7	28.7	23.0	20.4	19.4	19.7	22.8	27.6	37.0	30.9	25.7	22.1			
50	12.9	13.5	14.5	16.2	17.1	15.8	13.9	12.8	11.7	11.9	13.3	15.0	17.6	16.4	15.1	13.4			
55	8.86	9.02	9.22	9.59	9.62	9.27	8.70	8.47	7.39	7.46	7.90	8.19	9.09	8.92	8.80	8.22			
60	6.06	6.06	5.72	5.93	6.00	5.66	5.32	5.56	4.19	4.07	4.06	4.30	4.93	4.69	4.67	4.68			
65	4.26	4.08	3.88	4.06	4.32	4.06	3.90	4.00	2.24	2.13	1.92	2.24	2.60	2.40	2.16	2.37			
70	3.22	3.06	3.10	3.07	3.25	3.19	3.16	3.05	1.00	0.94	0.87	1.12	1.40	1.33	1.11	1.16			
75	2.55	2.54	2.73	2.50	2.58	2.59	2.84	2.58	0.38	0.34	0.39	0.44	0.46	0.47	0.35	0.36			
80	2.52	2.47	2.55	2.44	2.70	2.53	2.63	2.50	0.33	0.31	0.37	0.42	0.46	0.43	0.37	0.31			
85	2.47	2.35	2.41	2.36	3.28	2.46	2.53	2.44	0.38	0.32	0.45	0.46	1.43	0.43	0.44	0.31			
90	2.33	2.22	2.31	2.29	2.40	2.37	2.44	2.33	0.48	0.43	0.55	0.55	0.63	0.54	0.54	0.42			
95	2.17	2.11	2.23	2.24	2.32	2.28	2.31	2.17	0.61	0.58	0.69	0.70	0.78	0.68	0.68	0.56			
100	2.07	2.07	2.18	2.22	2.26	2.23	2.19	2.06	0.78	0.73	0.86	0.90	0.98	0.88	0.85	0.72			
105	2.03	2.05	2.14	2.22	2.23	2.21	2.10	2.00	0.96	0.91	1.07	1.11	1.21	1.10	1.05	0.89			
110	2.00	2.04	2.14	2.25	2.23	2.23	2.09	2.00	1.16	1.13	1.34	1.41	1.51	1.39	1.31	1.12			
115	2.02	2.05	2.15	2.35	2.34	2.32	2.11	2.04	1.42	1.43	1.68	1.77	1.87	1.75	1.64	1.40			
120	2.05	2.15	2.30	2.56	2.58	2.56	2.33	2.18	1.78	1.86	2.10	2.18	2.26	2.15	2.05	1.80			
125	2.24	2.41	2.62	2.90	2.91	2.90	2.70	2.50	2.32	2.43	2.61	2.64	2.72	2.62	2.55	2.35			
130	2.70	2.88	3.07	3.34	3.33	3.37	3.20	3.02	3.11	3.10	3.16	3.12	3.17	3.11	3.09	3.00			
135	3.44	3.52	3.62	3.84	3.79	3.88	3.78	3.68	3.82	3.71	3.67	3.58	3.62	3.59	3.61	3.62			
140	4.26	4.23	4.24	4.35	4.27	4.42	4.40	4.38	4.27	4.16	4.11	4.01	4.01	4.00	4.07	4.10			
145	4.93	4.92	4.84	4.86	4.73	4.92	4.99	5.06	4.56	4.49	4.49	4.38	4.32	4.35	4.44	4.42			
150	5.53	5.53	5.36	5.26	5.06	5.36	5.51	5.67	4.74	4.75	4.79	4.68	4.55	4.57	4.71	4.63			
155	6.07	5.98	5.74	5.52	5.31	5.66	5.89	6.12	4.91	4.94	5.02	4.91	4.71	4.68	4.80	4.79			
160	6.35	6.17	5.90	5.53	5.45	5.79	6.08	6.33	5.05	5.06	5.18	5.06	4.81	4.71	4.82	4.89			
165	6.35	6.12	5.87	5.54	5.54	5.79	6.09	6.30	5.07	5.15	5.28	5.15	4.92	4.74	4.81	4.94			
170	6.04	5.80	5.62	5.53	5.54	5.71	6.00	6.04	5.07	5.18	5.33	5.23	5.07	4.83	4.80	4.86			
175	5.55	5.30	5.42	5.53	5.54	5.56	5.68	5.56	4.95	5.17	5.34	5.33	5.29	5.05	4.92	4.76			
180	5.04	5.16	5.39	5.49	5.52	5.44	5.32	5.11	4.98	5.15	5.34	5.48	5.50	5.38	5.30	5.04			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: Green

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	2001	1999	1999	1996	1995	1996	1996	1999	2001	1999
3.0	1825	1873	1914	1951	1947	1921	1848	1808	1807	1794
6.0	1290	1395	1575	1806	1840	1742	1464	1298	1262	1281
9.0	902.9	969.0	1140	1564	1690	1464	1061	918.9	885.3	910.6
12.0	653.3	704.7	821.0	1252	1518	1161	781.2	678.2	644.0	654.7
15.0	476.0	514.6	603.7	963.4	1320	886.7	578.5	492.8	465.5	479.1
18.0	338.4	368.6	437.5	704.6	1106	664.7	424.8	360.9	331.8	340.3
21.0	244.7	262.8	315.6	511.3	895.0	479.5	308.3	256.0	237.1	245.1
24.0	171.9	187.4	226.9	360.2	676.8	348.1	222.3	184.0	168.7	173.8
27.0	123.5	133.8	161.6	250.0	484.0	244.4	159.4	130.6	120.5	124.0
30.0	90.30	96.97	115.4	175.4	329.1	171.2	114.7	95.06	87.32	89.18
33.0	66.18	70.69	83.12	122.0	217.4	120.6	82.70	69.18	64.08	65.77
36.0	49.07	52.26	60.35	85.97	137.7	84.16	59.90	50.86	47.63	48.47
39.0	36.55	38.64	44.19	59.37	86.93	58.61	43.32	37.72	35.55	36.22
42.0	27.43	28.99	32.39	41.84	54.75	40.62	31.42	27.76	26.31	27.06
45.0	20.41	21.47	23.82	28.93	34.65	28.66	22.98	20.43	19.38	19.67
48.0	15.40	16.11	17.60	20.43	22.42	19.93	16.91	15.26	14.19	14.54
51.0	11.85	12.38	13.23	14.50	14.95	14.18	12.66	11.68	10.61	10.82
54.0	9.464	9.686	10.06	10.55	10.58	10.19	9.515	9.180	8.071	8.163
57.0	7.722	7.826	7.730	7.981	7.960	7.674	7.189	7.321	6.120	6.043
60.0	6.061	6.062	5.725	5.930	6.001	5.660	5.321	5.557	4.188	4.074
63.0	4.765	4.596	4.356	4.518	4.765	4.476	4.253	4.410	2.801	2.682
66.0	4.030	3.851	3.698	3.851	4.125	3.869	3.758	3.797	1.966	1.850
69.0	3.409	3.243	3.252	3.249	3.494	3.387	3.324	3.243	1.231	1.139
72.0	2.831	2.744	2.843	2.738	2.879	2.810	2.897	2.720	0.5760	0.5734
75.0	2.553	2.535	2.733	2.502	2.583	2.589	2.835	2.580	0.3833	0.3375
78.0	2.534	2.503	2.565	2.464	2.602	2.555	2.683	2.522	0.3191	0.3132
81.0	2.516	2.450	2.516	2.420	2.753	2.522	2.603	2.480	0.3371	0.3131
84.0	2.492	2.389	2.432	2.371	3.456	2.480	2.540	2.456	0.3554	0.3130
87.0	2.426	2.305	2.372	2.335	2.481	2.432	2.492	2.413	0.4096	0.3610
90.0	2.330	2.221	2.312	2.287	2.396	2.371	2.438	2.329	0.4818	0.4273
93.0	2.233	2.143	2.269	2.245	2.354	2.323	2.366	2.245	0.5662	0.5116
96.0	2.155	2.104	2.221	2.221	2.317	2.257	2.288	2.149	0.6564	0.6017
99.0	2.089	2.079	2.185	2.221	2.281	2.232	2.209	2.077	0.7527	0.7039
102.0	2.053	2.059	2.167	2.221	2.239	2.221	2.143	2.004	0.8491	0.8003
105.0	2.035	2.050	2.143	2.221	2.229	2.210	2.101	2.002	0.9575	0.9148
108.0	2.011	2.047	2.138	2.227	2.223	2.203	2.086	2.000	1.072	1.035
111.0	1.998	2.043	2.143	2.263	2.239	2.233	2.098	2.005	1.210	1.185
114.0	2.015	2.041	2.147	2.324	2.317	2.294	2.109	2.029	1.367	1.366
117.0	2.031	2.071	2.179	2.426	2.431	2.402	2.179	2.083	1.554	1.582
120.0	2.047	2.149	2.299	2.565	2.576	2.559	2.329	2.179	1.783	1.859
123.0	2.136	2.288	2.479	2.751	2.762	2.757	2.527	2.354	2.060	2.172
126.0	2.317	2.493	2.702	2.986	2.991	2.980	2.798	2.595	2.464	2.563
129.0	2.575	2.770	2.972	3.239	3.237	3.263	3.087	2.902	2.945	2.966
132.0	2.960	3.113	3.297	3.528	3.514	3.558	3.424	3.269	3.426	3.357
135.0	3.435	3.516	3.622	3.841	3.791	3.883	3.779	3.679	3.823	3.707
138.0	3.953	3.944	3.984	4.154	4.080	4.202	4.152	4.100	4.118	3.996
141.0	4.398	4.377	4.362	4.455	4.375	4.533	4.531	4.516	4.341	4.243
144.0	4.796	4.792	4.730	4.762	4.628	4.822	4.886	4.931	4.515	4.448
147.0	5.169	5.171	5.061	5.039	4.863	5.099	5.212	5.310	4.641	4.592
150.0	5.530	5.527	5.362	5.255	5.056	5.358	5.513	5.665	4.744	4.749
153.0	5.879	5.809	5.603	5.430	5.212	5.550	5.747	5.966	4.846	4.845
156.0	6.151	6.056	5.790	5.522	5.327	5.713	5.923	6.200	4.942	4.948
159.0	6.314	6.159	5.910	5.528	5.417	5.777	6.043	6.322	5.026	5.044
162.0	6.386	6.206	5.890	5.534	5.495	5.787	6.103	6.343	5.065	5.128
165.0	6.351	6.121	5.869	5.537	5.538	5.790	6.089	6.302	5.074	5.152
168.0	6.188	5.953	5.731	5.534	5.538	5.742	6.074	6.181	5.074	5.182
171.0	5.966	5.711	5.586	5.531	5.538	5.676	5.936	5.958	5.074	5.179
174.0	5.672	5.386	5.454	5.528	5.544	5.597	5.743	5.693	4.978	5.174
177.0	5.286	5.165	5.399	5.526	5.544	5.519	5.532	5.344	4.936	5.159
180.0	5.044	5.158	5.393	5.490	5.520	5.441	5.321	5.110	4.978	5.152
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	1999	1996	1995	1996	1996	1999				
3.0	1869	1919	1964	1965	1942	1874				
6.0	1480	1712	1855	1829	1646	1394				
9.0	1072	1422	1711	1604	1218	980.1				
12.0	788.1	1118	1527	1310	885.7	716.7				
15.0	580.4	854.6	1335	1014	654.4	521.9				
18.0	422.5	636.9	1134	766.0	480.6	380.0				
21.0	302.7	463.4	914.7	548.8	350.2	273.5				
24.0	217.4	333.2	708.0	393.7	250.0	195.4				
27.0	155.4	236.8	510.9	275.0	179.6	140.1				
30.0	111.5	164.8	354.7	192.4	129.3	100.9				

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-29

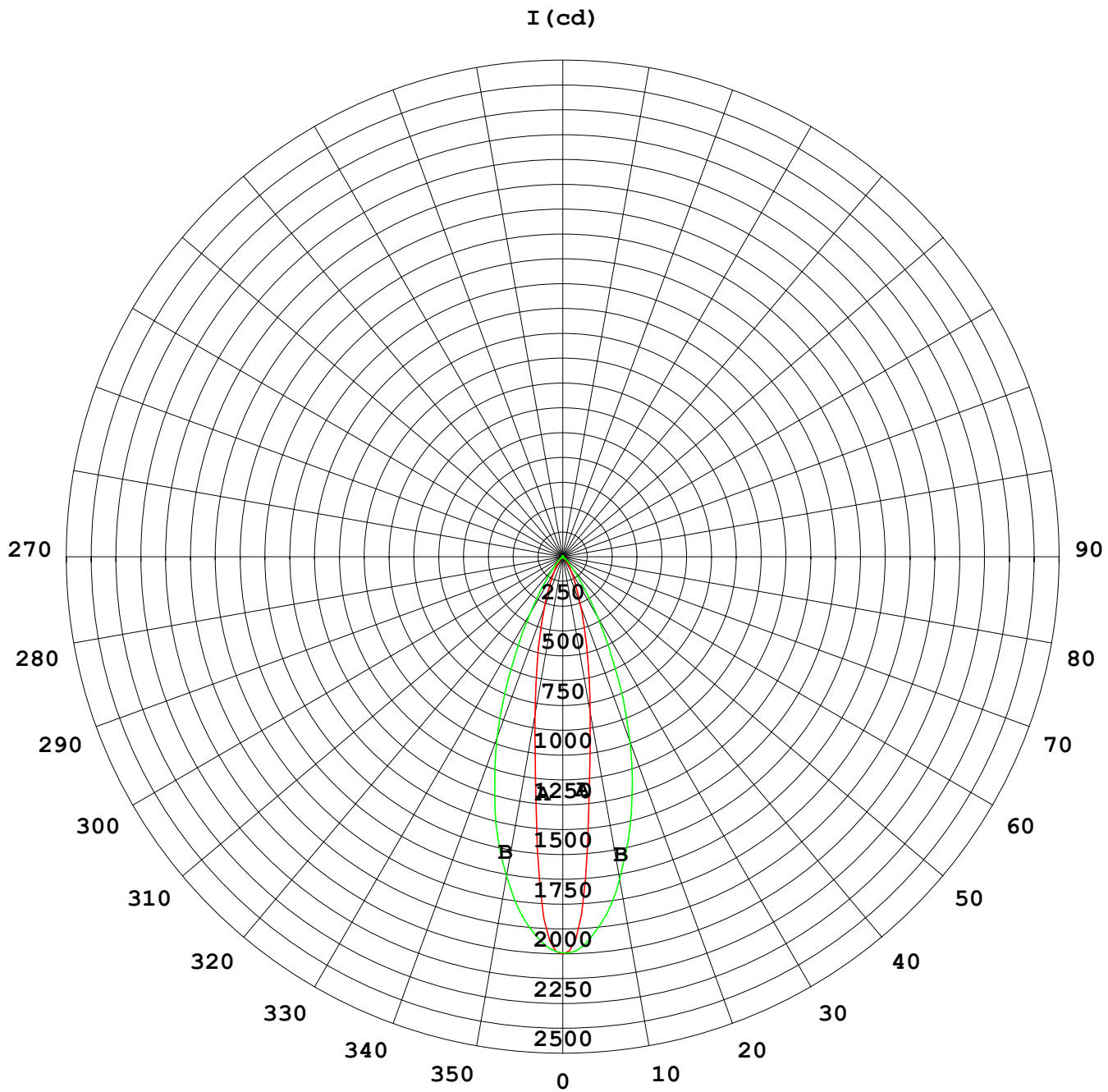
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks: Green

Photometric Data Table [cd]

33.0	80.55	117.0	231.2	133.0	93.15	73.35
36.0	58.59	81.19	148.2	93.19	67.39	54.45
39.0	42.93	57.02	93.70	64.90	48.85	40.16
42.0	31.41	39.83	59.02	44.60	35.45	29.66
45.0	22.85	27.63	37.01	30.87	25.71	22.10
48.0	16.52	19.06	23.53	21.11	18.68	16.16
51.0	12.05	13.21	15.35	14.46	13.56	12.08
54.0	8.785	9.238	10.22	10.12	9.855	8.988
57.0	6.269	6.339	7.171	6.917	7.003	6.663
60.0	4.062	4.303	4.934	4.694	4.669	4.682
63.0	2.500	2.772	3.264	3.080	2.872	3.002
66.0	1.683	1.988	2.351	2.187	1.936	2.085
69.0	1.063	1.320	1.652	1.549	1.310	1.392
72.0	0.5402	0.7241	0.8945	0.8810	0.7203	0.7183
75.0	0.3859	0.4400	0.4632	0.4703	0.3491	0.3559
78.0	0.3432	0.4119	0.4455	0.4323	0.3492	0.3131
81.0	0.3853	0.4195	0.4761	0.4302	0.3794	0.3131
84.0	0.4276	0.4272	1.260	0.4280	0.4275	0.3131
87.0	0.4877	0.5053	0.5722	0.4813	0.4698	0.3609
90.0	0.5540	0.5476	0.6263	0.5355	0.5419	0.4212
93.0	0.6324	0.6258	0.7166	0.6198	0.6143	0.5175
96.0	0.7227	0.7221	0.8071	0.7159	0.7047	0.6075
99.0	0.8190	0.8482	0.9275	0.8185	0.8011	0.6860
102.0	0.9395	0.9747	1.060	0.9567	0.9155	0.7882
105.0	1.066	1.107	1.211	1.101	1.054	0.8907
108.0	1.217	1.288	1.385	1.269	1.204	1.017
111.0	1.397	1.480	1.584	1.474	1.373	1.173
114.0	1.602	1.697	1.795	1.673	1.572	1.330
117.0	1.843	1.925	2.017	1.907	1.807	1.552
120.0	2.102	2.178	2.264	2.154	2.054	1.805
123.0	2.403	2.449	2.529	2.437	2.337	2.112
126.0	2.722	2.732	2.806	2.708	2.656	2.473
129.0	3.041	3.033	3.089	3.015	2.981	2.870
132.0	3.366	3.316	3.354	3.298	3.306	3.261
135.0	3.667	3.581	3.618	3.587	3.613	3.617
138.0	3.938	3.858	3.859	3.834	3.896	3.936
141.0	4.196	4.098	4.076	4.074	4.154	4.165
144.0	4.419	4.315	4.262	4.267	4.377	4.369
147.0	4.623	4.520	4.419	4.448	4.563	4.514
150.0	4.792	4.677	4.551	4.568	4.714	4.635
153.0	4.936	4.839	4.647	4.647	4.796	4.737
156.0	5.056	4.948	4.731	4.683	4.808	4.833
159.0	5.141	5.032	4.797	4.701	4.821	4.869
162.0	5.219	5.134	4.852	4.719	4.833	4.918
165.0	5.279	5.152	4.918	4.737	4.806	4.942
168.0	5.321	5.200	5.008	4.767	4.801	4.918
171.0	5.332	5.240	5.111	4.857	4.798	4.828
174.0	5.335	5.285	5.243	4.990	4.876	4.755
177.0	5.339	5.369	5.388	5.182	5.063	4.767
180.0	5.339	5.478	5.496	5.375	5.297	5.044

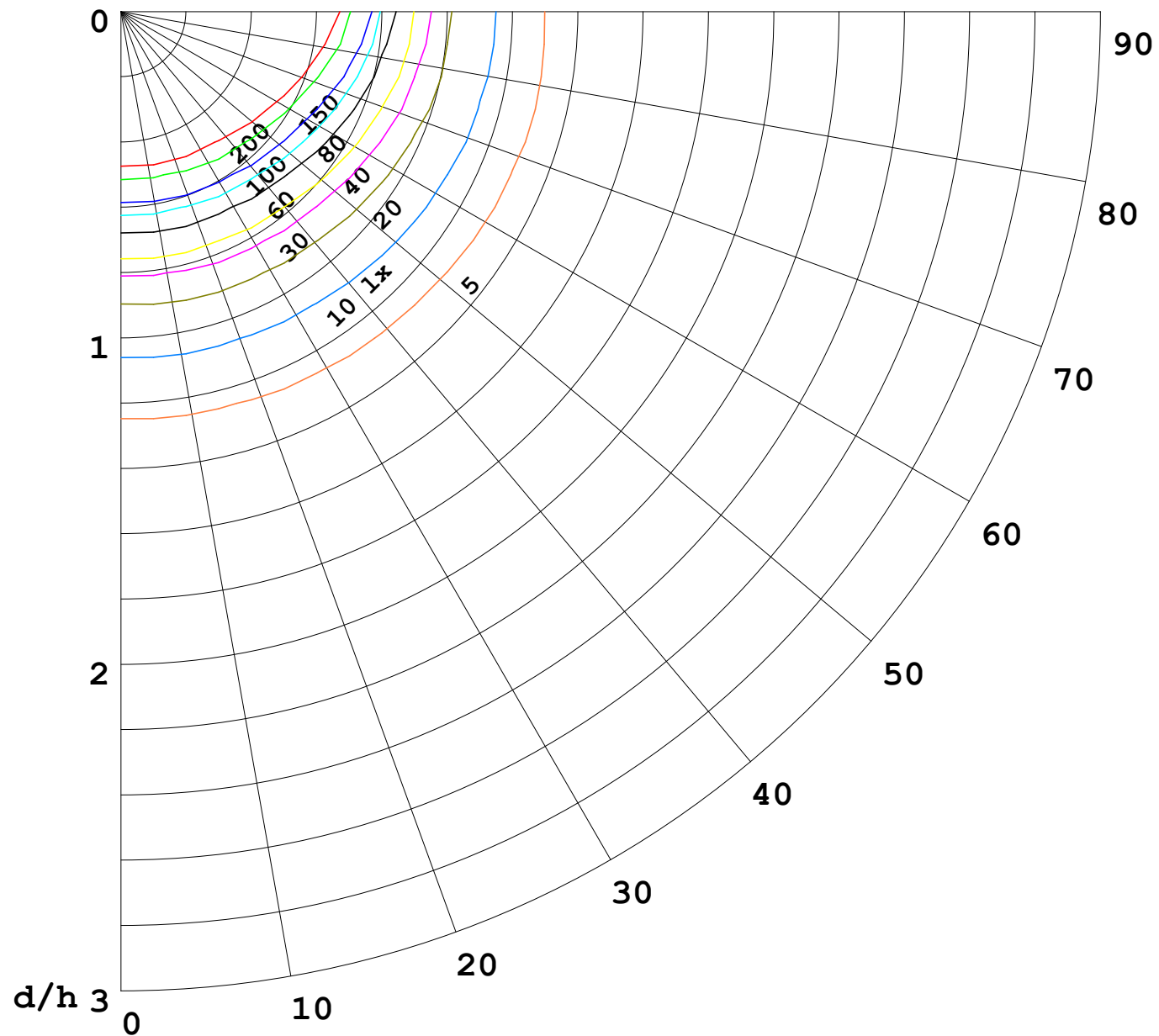
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks: Green



1000 lm

$\kappa = 1$



F = 5000 lm
 K = 0.7
 Hcc = 0.0 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

