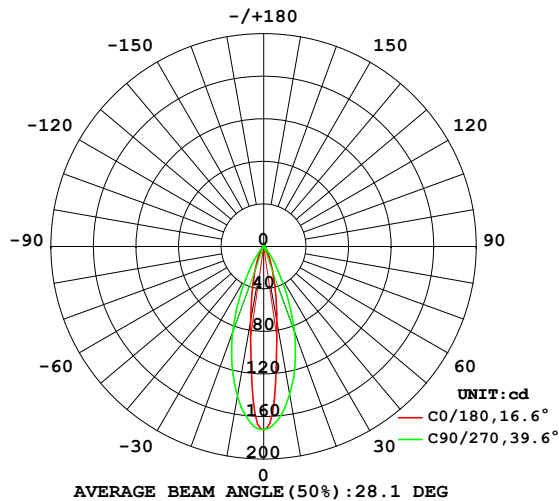


LUMINAIRE PHOTOMETRIC TEST REPORT

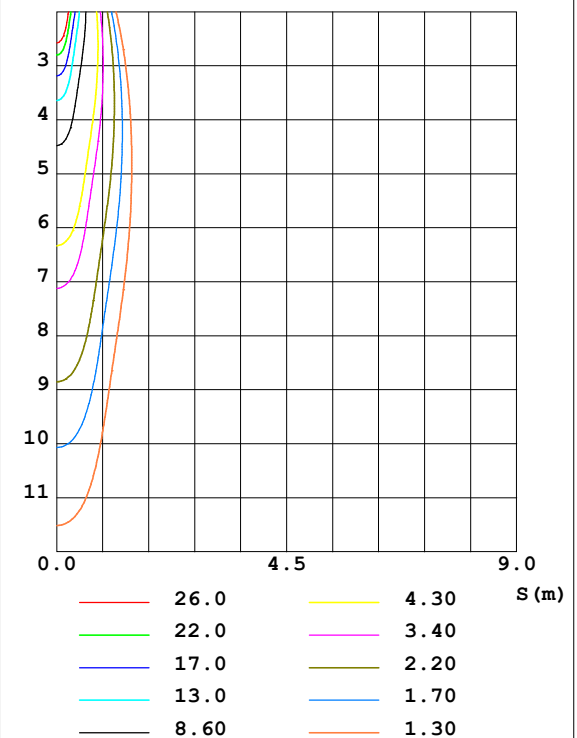
Test:U:24.00V I:0.3814A P:9.154W PF:1.000 Lamp Flux:51.141lx1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 5.59 lm/W
MODEL		I _{max} (cd)	172.5	S/MH (C0/180)	0.28	
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.63	
RATED VOLTAGE (V)		TOTAL FLUX (lm)	51.141	η UP, DN (C0-180)	1.6, 48.6	
NOMINAL FLUX (lm)	51.1411	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 48.5	
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)		η down (%)	97.2	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



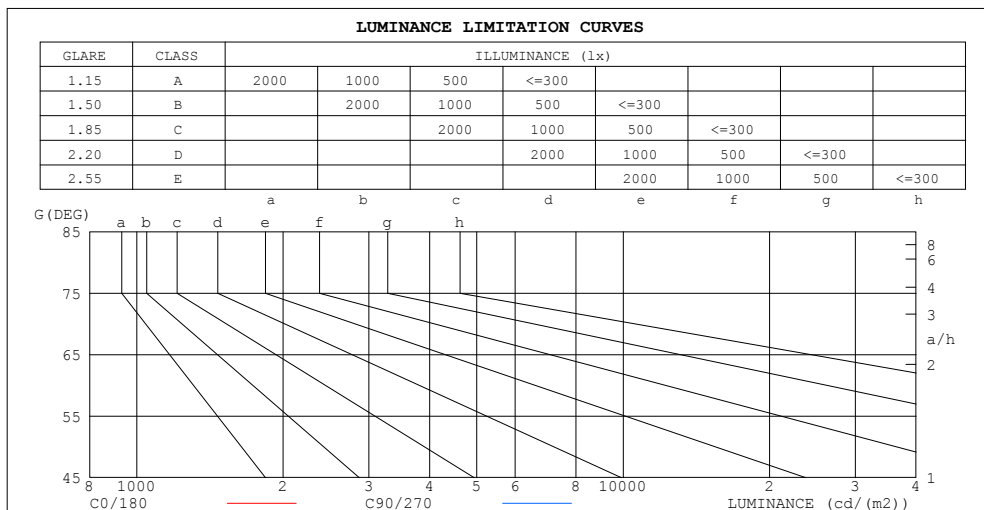
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-29

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: Blue

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	72.37	92.27	140.9	84.96	71.20	87.83	142.7	95.79	0- 10	12.37	12.37	24.2,24.2
20	24.69	32.88	84.50	29.97	23.98	31.73	85.55	33.89	10- 20	18.05	30.42	59.5,59.5
30	8.185	11.14	29.34	9.952	7.895	10.62	30.95	11.24	20- 30	11.30	41.71	81.6,81.6
40	3.019	3.773	6.750	3.393	2.856	3.571	7.228	3.829	30- 40	4.897	46.61	91.1,91.1
50	1.187	1.350	1.532	1.247	1.004	1.178	1.526	1.287	40- 50	1.844	48.46	94.7,94.7
60	0.5543	0.5182	0.5423	0.4881	0.3245	0.3124	0.3845	0.3725	50- 60	0.7053	49.16	96.1,96.1
70	0.2890	0.2890	0.2952	0.2711	0.0360	0.0361	0.0720	0.0360	60- 70	0.2700	49.43	96.7,96.7
80	0.2178	0.2168	0.2254	0.2288	0.0301	0.0361	0.0482	0.0361	70- 80	0.1368	49.57	96.9,96.9
90	0.2106	0.2001	0.2091	0.2095	0.0482	0.0542	0.0542	0.0483	80- 90	0.1305	49.70	97.2,97.2
100	0.1836	0.1894	0.1998	0.1906	0.0722	0.0783	0.0843	0.0842	90-100	0.1314	49.83	97.4,97.4
110	0.1859	0.1920	0.2044	0.1884	0.1083	0.1204	0.1385	0.1144	100-110	0.1358	49.97	97.7,97.7
120	0.1998	0.1959	0.2126	0.1978	0.1626	0.1927	0.2048	0.1867	110-120	0.1577	50.12	98,98
130	0.2137	0.2228	0.2366	0.2166	0.2711	0.2831	0.2889	0.2769	120-130	0.1897	50.31	98.4,98.4
140	0.3129	0.3129	0.3213	0.3249	0.3733	0.3673	0.3552	0.3613	130-140	0.2269	50.54	98.8,98.8
150	0.4272	0.4094	0.4031	0.4212	0.4273	0.4214	0.4034	0.4153	140-150	0.2372	50.78	99.3,99.3
160	0.5099	0.4461	0.4213	0.4876	0.4234	0.4259	0.4227	0.4206	150-160	0.1969	50.97	99.7,99.7
170	0.5147	0.4492	0.4239	0.5050	0.4257	0.4303	0.4412	0.4258	160-170	0.1255	51.10	99.9,99.9
180	0.4454	0.4514	0.4394	0.4635	0.4274	0.4334	0.4454	0.4213	170-180	0.0420	51.14	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	122	138
80	63	65
75	43	44
70	42	43
65	46	46
60	55	54
55	71	77
50	92	119
45	133	220

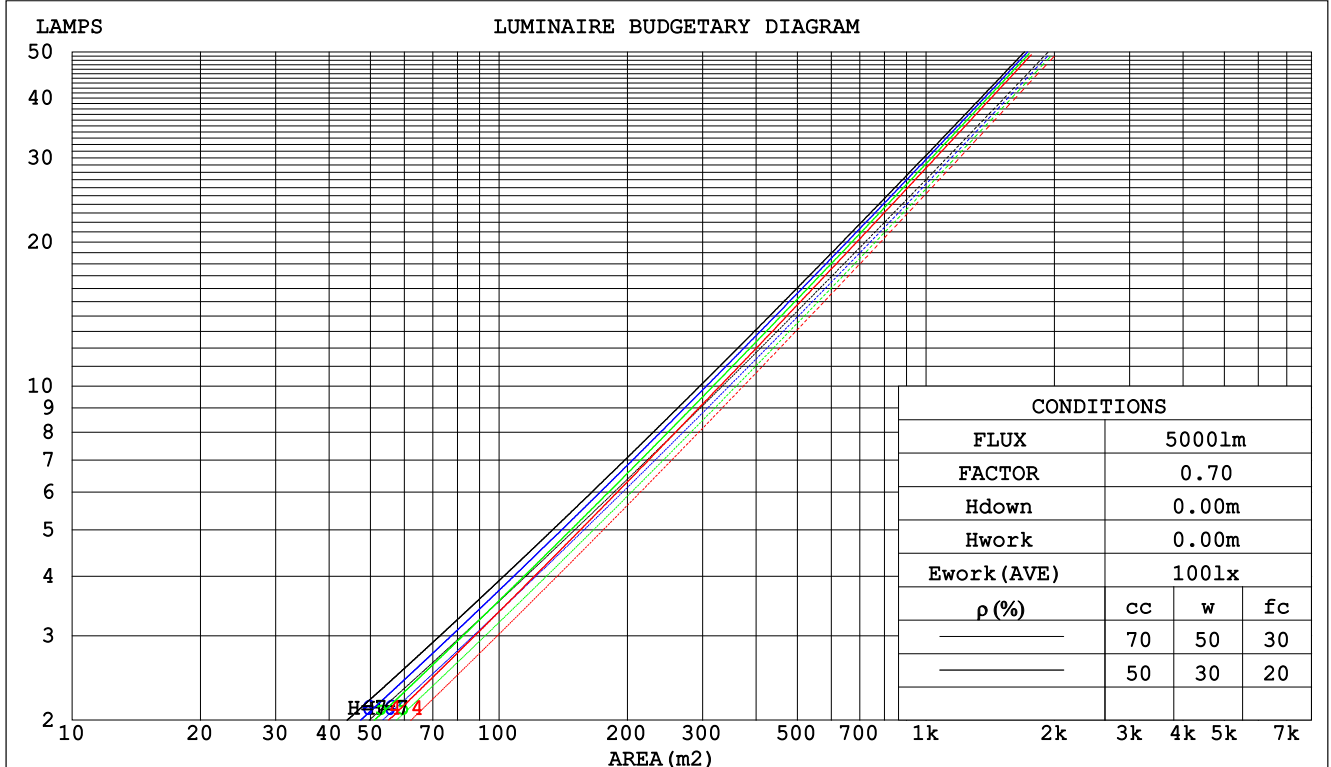
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

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: Blue

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3814A P:9.154W PF:1.000 Lamp Flux:51.141lx1 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	1.10	1.10	1.10	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.11	1.09	1.07	1.08	1.06	1.05	1.04	1.02	1.01	.90	.99	.97	.96	.95	.94	.92
2.0	1.04	1.01	.98	1.02	.99	.96	.99	.96	.94	.95	.93	.91	.92	.91	.89	.87
3.0	.98	.94	.91	.97	.93	.90	.94	.91	.88	.91	.88	.86	.89	.86	.85	.83
4.0	.93	.88	.85	.92	.88	.84	.90	.86	.83	.87	.84	.82	.85	.83	.80	.79
5.0	.89	.84	.80	.88	.83	.79	.86	.82	.79	.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	.74	.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: Blue

WEC AND CCEC

Test:U:24.00V I:0.3814A P:9.154W PF:1.000 Lamp Flux:51.1411x1 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	.141	.081	.026	.128	.074	.024	.116	.068	.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	.110	.061	.019	
4.0	.135	.070	.021	.130	.068	.020	.122	.064	.019	.113	.061	.018	.106	.057	.018	
5.0	.128	.065	.019	.124	.063	.018	.116	.060	.018	.109	.057	.017	.102	.055	.016	
6.0	.121	.061	.017	.117	.059	.017	.111	.057	.017	.104	.054	.016	.098	.052	.015	
7.0	.115	.057	.016	.112	.056	.016	.106	.054	.015	.100	.051	.015	.095	.049	.014	
8.0	.110	.054	.015	.107	.053	.015	.101	.051	.014	.096	.049	.014	.092	.047	.014	
9.0	.105	.051	.014	.102	.050	.014	.097	.048	.014	.093	.047	.013	.088	.045	.013	
10.0	.100	.048	.013	.098	.047	.013	.094	.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	.212	.212	.212	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.192	.179	.168	.164	.154	.144	.112	.106	.100	.065	.061	.058	.021	.020	.019	
2.0	.176	.154	.137	.150	.133	.118	.103	.092	.082	.059	.053	.048	.019	.017	.016	
3.0	.162	.135	.114	.139	.117	.099	.095	.081	.069	.055	.047	.041	.018	.015	.013	
4.0	.151	.120	.097	.129	.104	.085	.089	.073	.060	.051	.042	.035	.017	.014	.012	
5.0	.141	.109	.085	.121	.094	.074	.084	.066	.052	.048	.039	.031	.016	.013	.010	
6.0	.133	.099	.075	.114	.086	.065	.079	.060	.046	.046	.035	.027	.015	.012	.009	
7.0	.126	.091	.067	.108	.079	.058	.075	.055	.041	.044	.033	.025	.014	.011	.008	
8.0	.120	.085	.061	.103	.074	.053	.071	.052	.038	.042	.030	.022	.013	.010	.007	
9.0	.114	.079	.056	.099	.069	.049	.068	.048	.034	.040	.029	.021	.013	.009	.007	
10.0	.110	.075	.052	.095	.065	.045	.066	.046	.032	.038	.027	.019	.012	.009	.006	

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: Blue

Uncorrected UGR Table

Test:U:24.00V I:0.3814A P:9.154W PF:1.000 Lamp Flux:51.1411x1 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	-2.0	-1.3	-1.8	-1.1	-0.8	1.4	2.2	1.7	2.4	2.6
3H	-1.8	-1.1	-1.6	-0.9	-0.6	1.4	2.1	1.7	2.3	2.6
4H	-1.7	-1.0	-1.4	-0.8	-0.5	1.4	2.1	1.7	2.3	2.6
6H	-1.4	-0.7	-1.1	-0.5	-0.2	1.5	2.1	1.8	2.4	2.7
8H	-1.1	-0.5	-0.8	-0.2	0.1	1.6	2.2	1.9	2.5	2.8
12H	-0.7	-0.1	-0.3	0.2	0.6	1.8	2.4	2.2	2.8	3.1
4H 2H	-2.1	-1.4	-1.8	-1.1	-0.8	1.2	1.9	1.5	2.2	2.5
3H	-1.8	-1.2	-1.4	-0.9	-0.5	1.2	1.8	1.6	2.2	2.5
4H	-1.6	-1.0	-1.2	-0.7	-0.3	1.3	1.8	1.7	2.2	2.5
6H	-1.1	-0.6	-0.7	-0.2	0.2	1.5	2.0	1.9	2.3	2.7
8H	-0.7	-0.2	-0.2	0.2	0.6	1.7	2.1	2.1	2.5	3.0
12H	-0.0	0.4	0.4	0.8	1.3	2.1	2.5	2.6	2.9	3.4
8H 4H	-1.5	-1.0	-1.0	-0.6	-0.2	1.2	1.7	1.7	2.1	2.5
6H	-0.8	-0.4	-0.3	0.0	0.5	1.5	1.9	2.0	2.4	2.8
8H	-0.2	0.1	0.3	0.6	1.1	1.9	2.2	2.4	2.7	3.2
12H	0.7	0.9	1.2	1.4	2.0	2.5	2.8	3.0	3.3	3.8
12H 4H	-1.5	-1.0	-1.0	-0.6	-0.2	1.2	1.6	1.7	2.0	2.5
6H	-0.7	-0.4	-0.2	0.1	0.6	1.6	1.9	2.1	2.4	2.9
8H	-0.0	0.3	0.5	0.8	1.3	2.0	2.3	2.5	2.8	3.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 1.2					+ 3.3 / - 2.8				
1.5H	+ 1.5 / - 0.9					+ 5.2 / - 2.6				
2.0H	+ 1.5 / - 0.8					+ 3.3 / - 1.2				

CIE Pub.117 Corrected 51.14 lm Total Lamp Luminous Flux. (8log(F/F0) = -10.3)

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: Blue

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.3814A P:9.154W PF:1.000 Lamp Flux:51.1411x1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

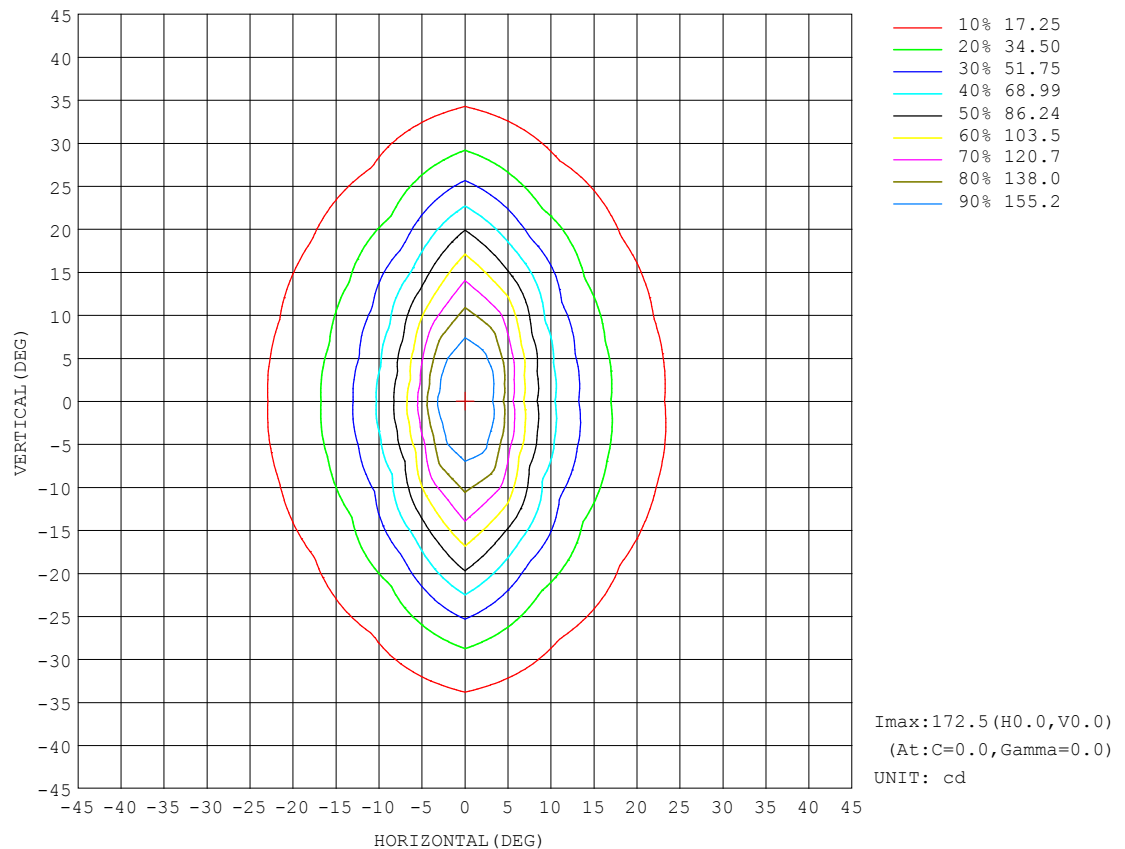
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	85	79	76	84	79	75	72
0.80	93	87	84	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	91	87	83
1.25	102	97	93	101	96	92	98	94	91	87
1.50	105	100	96	103	99	96	101	97	94	89
2.00	107	103	100	106	102	99	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	106	103	105	102	100	93
4.00	113	110	108	110	108	106	106	104	103	95
5.00	114	112	110	112	110	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: Blue

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3814A P:9.154W PF:1.000 Lamp Flux:51.141lx1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

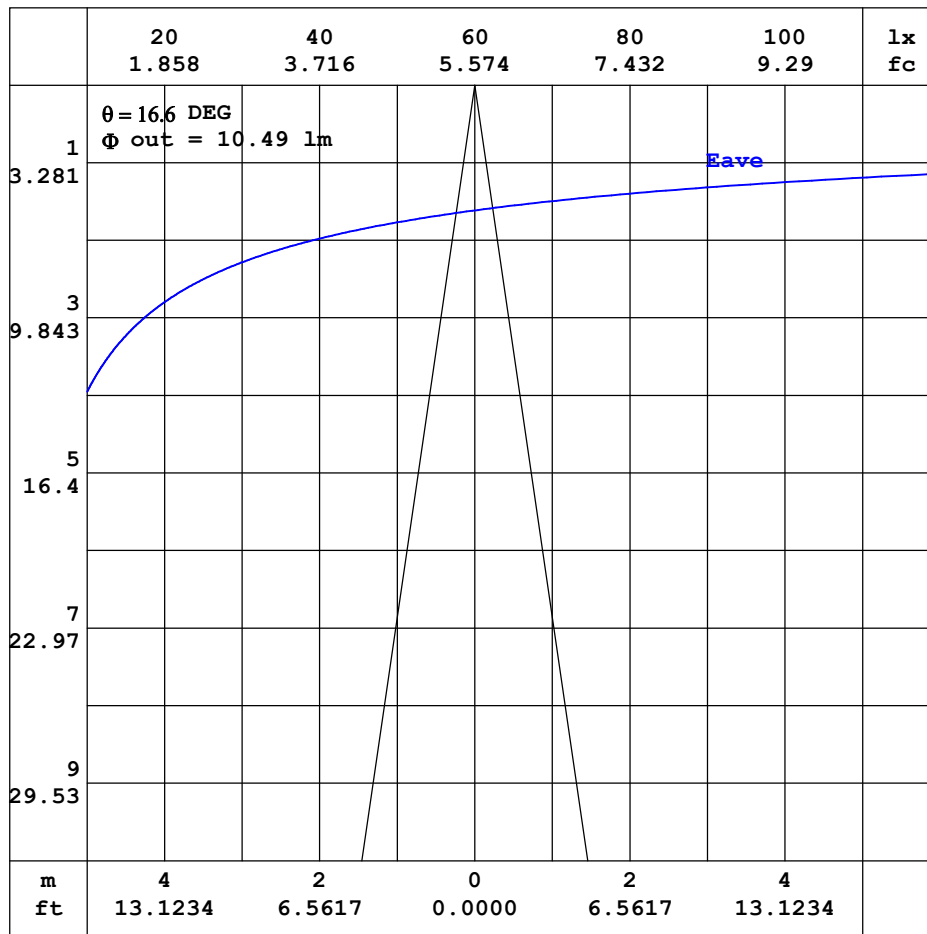


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

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: Blue

AAI CURVES

Test:U:24.00V I:0.3814A P:9.154W PF:1.000 Lamp Flux:51.141lx1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



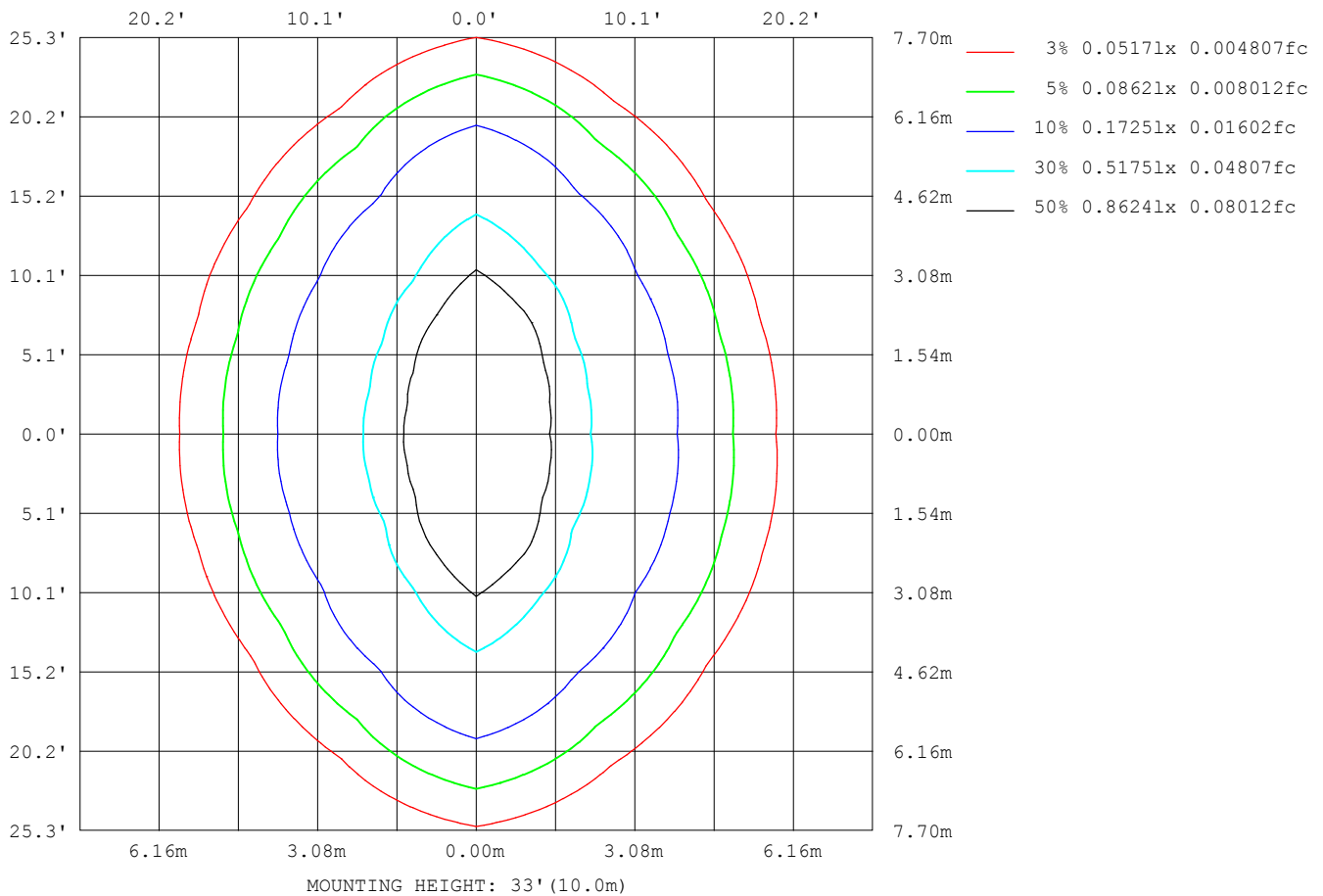
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: Blue

ISOLUX DIAGRAM

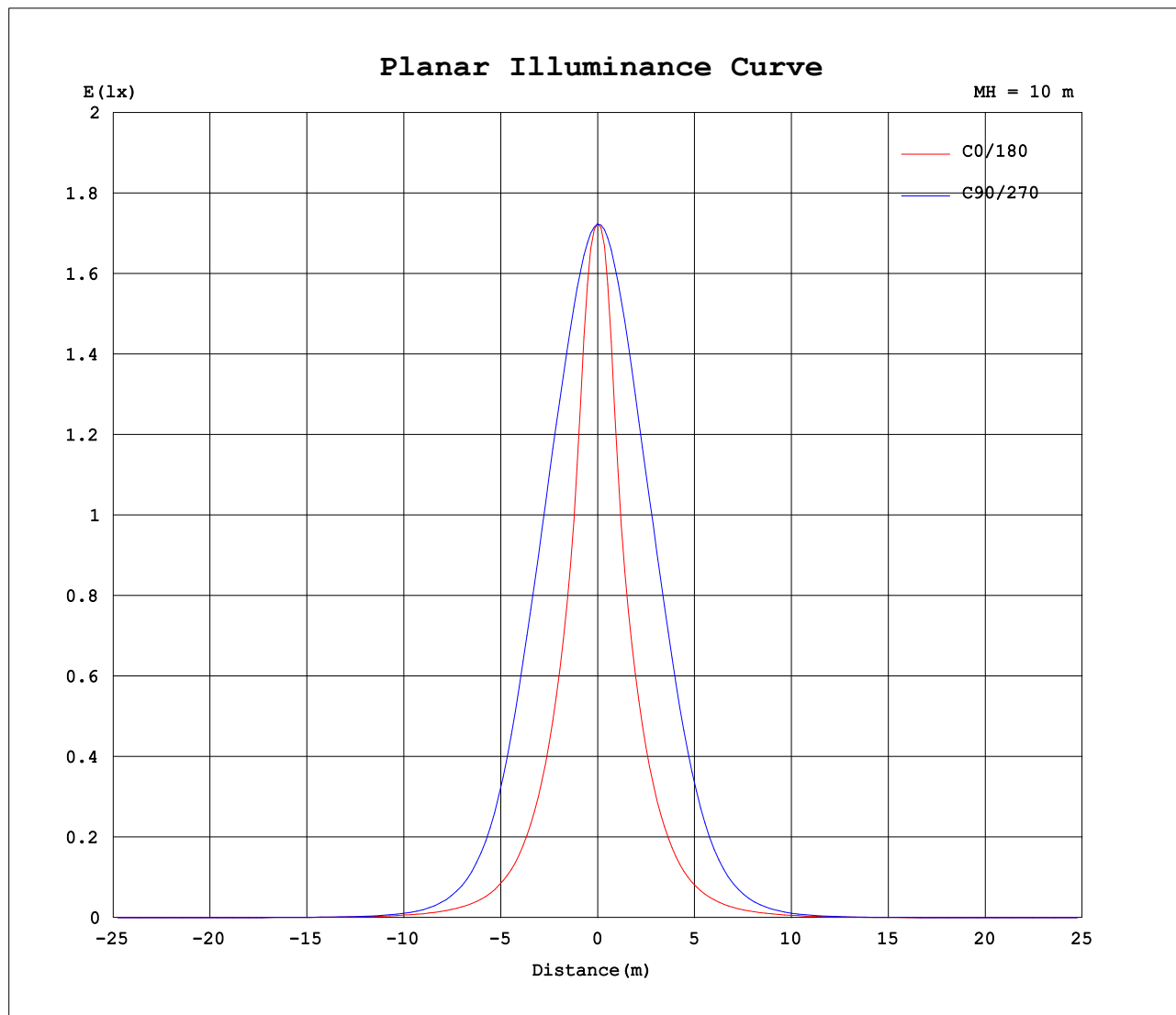
Test:U:24.00V I:0.3814A P:9.154W PF:1.000 Lamp Flux:51.141lx1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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: Blue

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: Blue

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3814A P:9.154W PF:1.000 Lamp Flux:51.1411x1 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	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172			
5	130	138	150	162	163	158	141	131	128	130	144	157	164	161	152	138			
10	72.4	77.8	92.3	128	141	120	85.0	73.7	71.2	73.6	87.8	119	143	129	95.8	77.8			
15	42.7	47.1	55.4	86.2	115	79.4	51.0	43.5	41.7	43.6	53.2	77.8	116	88.1	57.2	45.9			
20	24.7	27.5	32.9	52.1	84.5	48.4	30.0	25.5	24.0	25.4	31.7	47.8	85.5	53.7	33.9	26.7			
25	14.2	15.8	19.2	29.6	53.7	27.7	17.3	14.5	13.6	14.5	18.4	27.7	55.4	30.7	19.6	15.3			
30	8.19	9.16	11.1	16.4	29.3	15.4	9.95	8.32	7.90	8.34	10.6	15.6	31.0	16.9	11.2	8.79			
35	4.92	5.42	6.44	9.04	14.5	8.52	5.76	4.91	4.71	4.97	6.14	8.60	15.4	9.33	6.52	5.25			
40	3.02	3.27	3.77	4.94	6.75	4.64	3.39	2.96	2.86	3.01	3.57	4.70	7.23	5.06	3.83	3.21			
45	1.87	1.95	2.22	2.66	3.12	2.48	2.02	1.77	1.70	1.81	2.05	2.53	3.29	2.72	2.22	1.98			
50	1.19	1.20	1.35	1.46	1.53	1.37	1.25	1.08	1.00	1.10	1.18	1.38	1.53	1.46	1.29	1.20			
55	0.81	0.78	0.84	0.81	0.88	0.79	0.79	0.71	0.61	0.69	0.66	0.75	0.76	0.81	0.73	0.75			
60	0.55	0.50	0.52	0.48	0.54	0.45	0.49	0.44	0.32	0.38	0.31	0.39	0.38	0.44	0.37	0.44			
65	0.39	0.31	0.36	0.31	0.39	0.31	0.34	0.30	0.15	0.21	0.13	0.22	0.19	0.23	0.14	0.23			
70	0.29	0.22	0.29	0.22	0.30	0.22	0.27	0.22	0.04	0.10	0.04	0.12	0.07	0.12	0.04	0.11			
75	0.22	0.17	0.24	0.19	0.23	0.19	0.24	0.17	0.03	0.04	0.04	0.04	0.04	0.05	0.03	0.04			
80	0.22	0.17	0.22	0.19	0.23	0.19	0.23	0.17	0.03	0.03	0.04	0.04	0.05	0.04	0.04	0.03			
85	0.21	0.17	0.21	0.19	0.24	0.19	0.22	0.17	0.04	0.03	0.04	0.04	0.07	0.04	0.04	0.03			
90	0.21	0.17	0.20	0.19	0.21	0.19	0.21	0.17	0.05	0.03	0.05	0.04	0.05	0.04	0.05	0.03			
95	0.20	0.17	0.19	0.19	0.20	0.19	0.20	0.17	0.06	0.03	0.07	0.04	0.07	0.04	0.06	0.03			
100	0.18	0.17	0.19	0.19	0.20	0.19	0.19	0.17	0.07	0.04	0.08	0.04	0.08	0.05	0.08	0.03			
105	0.18	0.17	0.19	0.19	0.20	0.19	0.18	0.17	0.08	0.04	0.10	0.04	0.11	0.05	0.10	0.04			
110	0.19	0.18	0.19	0.20	0.20	0.19	0.19	0.17	0.11	0.04	0.12	0.07	0.14	0.07	0.11	0.04			
115	0.19	0.18	0.19	0.20	0.21	0.21	0.19	0.18	0.13	0.06	0.16	0.13	0.17	0.13	0.14	0.07			
120	0.20	0.19	0.20	0.23	0.21	0.23	0.20	0.19	0.16	0.12	0.19	0.14	0.20	0.14	0.19	0.13			
125	0.21	0.22	0.20	0.26	0.22	0.26	0.20	0.22	0.21	0.16	0.23	0.18	0.24	0.17	0.22	0.15			
130	0.21	0.26	0.22	0.30	0.24	0.30	0.22	0.27	0.27	0.21	0.28	0.22	0.29	0.22	0.28	0.21			
135	0.24	0.31	0.26	0.34	0.26	0.34	0.26	0.33	0.34	0.26	0.33	0.25	0.33	0.25	0.33	0.26			
140	0.31	0.37	0.31	0.38	0.32	0.39	0.32	0.39	0.37	0.33	0.37	0.30	0.36	0.30	0.36	0.32			
145	0.36	0.43	0.37	0.42	0.35	0.43	0.39	0.45	0.40	0.33	0.40	0.32	0.38	0.33	0.39	0.33			
150	0.43	0.48	0.41	0.44	0.40	0.45	0.42	0.49	0.43	0.36	0.42	0.35	0.40	0.34	0.42	0.34			
155	0.48	0.50	0.44	0.44	0.42	0.45	0.45	0.52	0.42	0.38	0.42	0.37	0.41	0.35	0.42	0.36			
160	0.51	0.51	0.45	0.44	0.42	0.45	0.49	0.52	0.42	0.42	0.43	0.41	0.42	0.35	0.42	0.38			
165	0.52	0.51	0.45	0.44	0.42	0.45	0.51	0.52	0.42	0.42	0.43	0.42	0.44	0.36	0.42	0.38			
170	0.51	0.45	0.45	0.45	0.42	0.45	0.50	0.48	0.43	0.43	0.43	0.42	0.44	0.36	0.43	0.39			
175	0.49	0.44	0.45	0.45	0.43	0.45	0.50	0.45	0.43	0.43	0.43	0.43	0.44	0.43	0.43	0.39			
180	0.45	0.44	0.45	0.45	0.44	0.45	0.46	0.45	0.43	0.43	0.43	0.44	0.45	0.42	0.42	0.42			

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: Blue

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	172.5	172.4	172.4	172.3	172.3	172.4	172.4	172.4	172.5	172.4
3.0	157.9	162.5	165.2	168.6	168.3	166.7	161.2	158.3	158.0	156.7
6.0	114.5	124.0	138.8	156.9	159.1	151.4	129.1	116.3	112.9	114.4
9.0	80.52	87.13	102.5	136.7	146.0	129.1	94.13	81.90	79.23	81.63
12.0	58.80	64.32	74.59	111.2	131.0	102.2	68.87	59.96	57.55	59.14
15.0	42.67	47.12	55.37	86.24	114.6	79.42	50.96	43.46	41.71	43.64
18.0	30.80	34.11	40.38	64.45	96.60	59.12	37.16	31.86	30.00	31.17
21.0	22.13	24.54	29.63	46.57	78.38	43.46	26.85	22.63	21.43	22.64
24.0	15.79	17.69	21.35	33.40	59.66	31.01	19.41	16.23	15.20	16.24
27.0	11.36	12.65	15.45	23.65	42.83	21.87	13.92	11.46	10.92	11.64
30.0	8.185	9.161	11.14	16.44	29.34	15.40	9.952	8.318	7.895	8.339
33.0	6.003	6.700	7.986	11.54	19.40	10.74	7.166	6.026	5.772	6.091
36.0	4.453	4.913	5.779	8.064	12.55	7.589	5.189	4.426	4.263	4.518
39.0	3.321	3.602	4.195	5.556	7.932	5.201	3.774	3.271	3.156	3.326
42.0	2.483	2.658	3.044	3.849	4.934	3.626	2.760	2.406	2.321	2.470
45.0	1.874	1.949	2.224	2.664	3.117	2.484	2.019	1.768	1.702	1.807
48.0	1.416	1.449	1.651	1.834	2.002	1.720	1.506	1.317	1.239	1.343
51.0	1.091	1.089	1.235	1.287	1.351	1.209	1.133	0.9924	0.9079	1.006
54.0	0.8675	0.8302	0.9280	0.9022	0.9703	0.8662	0.8617	0.7760	0.6795	0.7591
57.0	0.7048	0.6436	0.7050	0.6556	0.7231	0.6255	0.6568	0.6015	0.5108	0.5543
60.0	0.5543	0.4990	0.5182	0.4810	0.5423	0.4511	0.4881	0.4391	0.3245	0.3797
63.0	0.4338	0.3489	0.3976	0.3429	0.4337	0.3369	0.3856	0.3309	0.2162	0.2530
66.0	0.3615	0.3007	0.3432	0.3007	0.3793	0.2947	0.3312	0.2708	0.1203	0.1749
69.0	0.3012	0.2346	0.3010	0.2346	0.3193	0.2227	0.2949	0.2227	0.0480	0.1146
72.0	0.2530	0.1806	0.2530	0.1986	0.2590	0.1986	0.2530	0.1805	0.0301	0.0604
75.0	0.2229	0.1746	0.2372	0.1926	0.2265	0.1926	0.2408	0.1746	0.0301	0.0421
78.0	0.2198	0.1746	0.2228	0.1926	0.2192	0.1926	0.2328	0.1746	0.0301	0.0301
81.0	0.2168	0.1746	0.2167	0.1926	0.2285	0.1926	0.2267	0.1746	0.0301	0.0301
84.0	0.2137	0.1746	0.2107	0.1926	0.2377	0.1926	0.2207	0.1746	0.0361	0.0301
87.0	0.2107	0.1746	0.2047	0.1926	0.2168	0.1926	0.2148	0.1746	0.0361	0.0301
90.0	0.2106	0.1746	0.2001	0.1926	0.2091	0.1926	0.2095	0.1746	0.0482	0.0301
93.0	0.1927	0.1746	0.1964	0.1926	0.2039	0.1926	0.2047	0.1746	0.0542	0.0301
96.0	0.1926	0.1746	0.1932	0.1926	0.2014	0.1926	0.1986	0.1746	0.0602	0.0301
99.0	0.1851	0.1746	0.1904	0.1926	0.2002	0.1926	0.1926	0.1746	0.0722	0.0361
102.0	0.1806	0.1746	0.1889	0.1926	0.1991	0.1926	0.1866	0.1746	0.0843	0.0361
105.0	0.1790	0.1746	0.1900	0.1926	0.2003	0.1926	0.1836	0.1746	0.0843	0.0361
108.0	0.1831	0.1758	0.1912	0.1943	0.2028	0.1926	0.1865	0.1746	0.0964	0.0361
111.0	0.1873	0.1794	0.1924	0.1995	0.2052	0.1962	0.1893	0.1763	0.1084	0.0481
114.0	0.1915	0.1830	0.1935	0.2047	0.2077	0.2071	0.1922	0.1814	0.1205	0.0601
117.0	0.1956	0.1876	0.1947	0.2143	0.2101	0.2179	0.1950	0.1870	0.1386	0.0841
120.0	0.1998	0.1926	0.1959	0.2252	0.2126	0.2288	0.1978	0.1927	0.1626	0.1202
123.0	0.2040	0.1987	0.1970	0.2468	0.2150	0.2408	0.2007	0.2107	0.1868	0.1383
126.0	0.2081	0.2288	0.1982	0.2709	0.2206	0.2650	0.2035	0.2288	0.2229	0.1684
129.0	0.2123	0.2529	0.2284	0.2890	0.2326	0.2890	0.2107	0.2589	0.2590	0.2033
132.0	0.2165	0.2829	0.2287	0.3131	0.2408	0.3071	0.2406	0.2890	0.3011	0.2358
135.0	0.2406	0.3131	0.2586	0.3372	0.2648	0.3372	0.2648	0.3311	0.3372	0.2588
138.0	0.2887	0.3433	0.3007	0.3613	0.3116	0.3792	0.3129	0.3553	0.3612	0.3068
141.0	0.3189	0.3793	0.3249	0.3973	0.3261	0.3973	0.3310	0.3974	0.3793	0.3309
144.0	0.3550	0.4154	0.3490	0.4213	0.3371	0.4214	0.3670	0.4335	0.3913	0.3310
147.0	0.3972	0.4576	0.3910	0.4341	0.3671	0.4456	0.4033	0.4696	0.4094	0.3371
150.0	0.4272	0.4817	0.4094	0.4358	0.4031	0.4463	0.4212	0.4936	0.4273	0.3575
153.0	0.4512	0.4973	0.4332	0.4375	0.4212	0.4470	0.4393	0.5106	0.4217	0.3648
156.0	0.4934	0.5029	0.4394	0.4393	0.4212	0.4477	0.4574	0.5248	0.4224	0.3911
159.0	0.5079	0.5084	0.4457	0.4410	0.4213	0.4483	0.4874	0.5245	0.4231	0.4152
162.0	0.5138	0.5139	0.4467	0.4428	0.4214	0.4490	0.4995	0.5241	0.4238	0.4227
165.0	0.5197	0.5115	0.4476	0.4445	0.4213	0.4497	0.5116	0.5237	0.4245	0.4248
168.0	0.5167	0.4574	0.4486	0.4462	0.4229	0.4503	0.5076	0.5055	0.4253	0.4270
171.0	0.5137	0.4484	0.4495	0.4480	0.4244	0.4510	0.5037	0.4574	0.4260	0.4291
174.0	0.4997	0.4439	0.4505	0.4497	0.4259	0.4477	0.4997	0.4514	0.4267	0.4312
177.0	0.4637	0.4394	0.4514	0.4514	0.4274	0.4454	0.4876	0.4454	0.4274	0.4333
180.0	0.4454	0.4394	0.4514	0.4514	0.4394	0.4454	0.4635	0.4454	0.4274	0.4334
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	172.4	172.3	172.3	172.4	172.4	172.4				
3.0	163.0	166.8	169.6	168.9	166.7	161.6				
6.0	132.1	150.9	160.6	156.2	142.0	122.9				
9.0	97.35	127.4	147.8	136.9	106.5	86.64				
12.0	71.79	101.3	131.8	112.6	77.74	63.11				
15.0	53.17	77.81	115.5	88.10	57.25	45.93				
18.0	38.98	58.65	97.82	66.90	41.88	33.35				
21.0	28.42	42.99	79.35	48.27	30.38	23.91				
24.0	20.48	30.94	61.05	34.68	21.87	17.03				
27.0	14.69	22.16	44.51	24.27	15.64	12.28				
30.0	10.62	15.60	30.95	16.95	11.24	8.785				

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

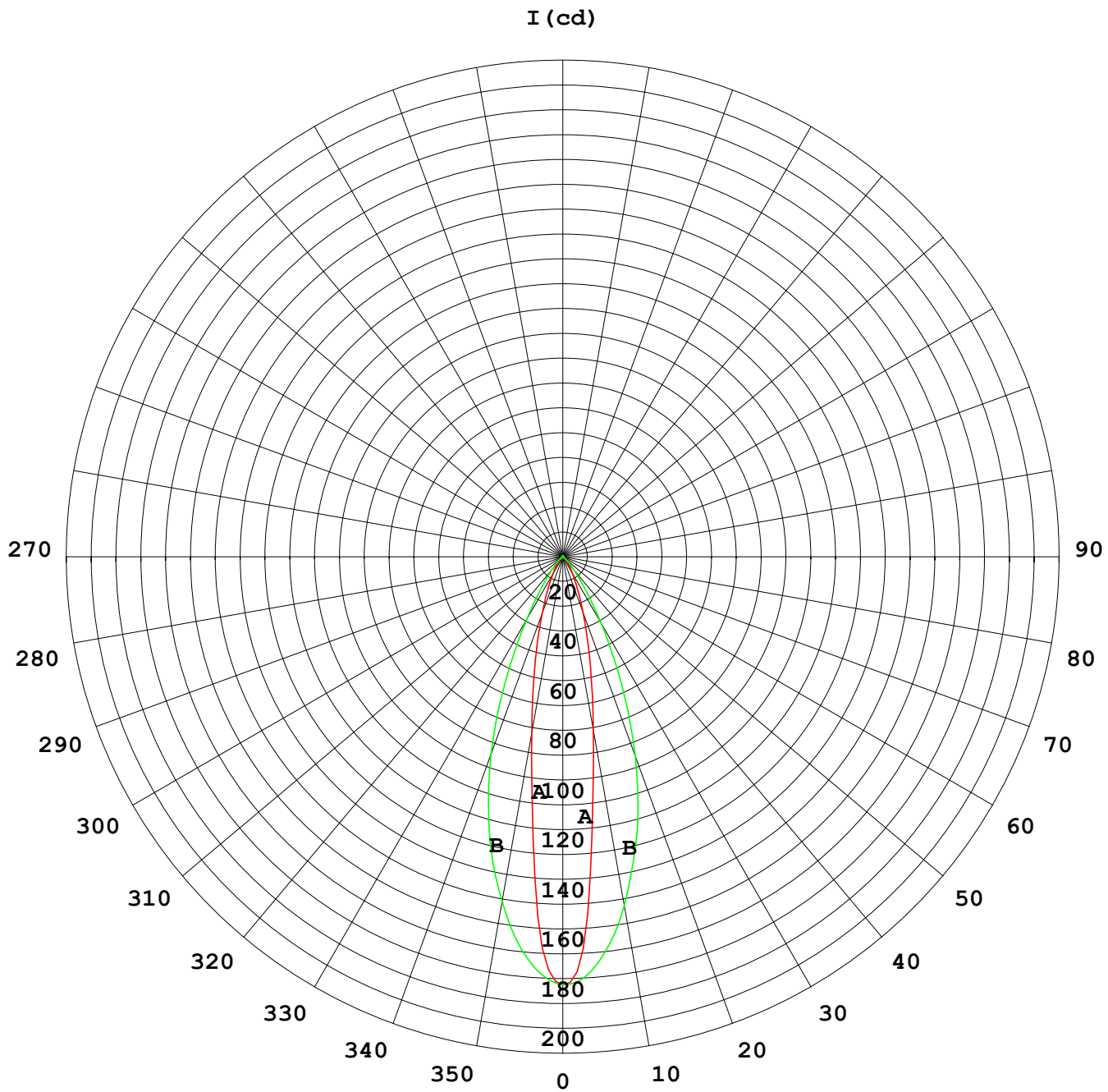
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks: Blue

Photometric Data Table [cd]

33.0	7.648	10.97	20.59	11.75	8.105	6.393
36.0	5.507	7.640	13.28	8.195	5.850	4.753
39.0	3.980	5.286	8.395	5.707	4.256	3.537
42.0	2.868	3.652	5.265	3.941	3.085	2.633
45.0	2.050	2.531	3.287	2.718	2.225	1.976
48.0	1.479	1.765	2.049	1.880	1.605	1.464
51.0	1.064	1.217	1.328	1.296	1.154	1.096
54.0	0.7455	0.8497	0.8716	0.9099	0.8177	0.8253
57.0	0.5108	0.5845	0.6010	0.6327	0.5770	0.6264
60.0	0.3124	0.3917	0.3845	0.4398	0.3725	0.4398
63.0	0.1742	0.2652	0.2404	0.2953	0.2161	0.2893
66.0	0.1261	0.1928	0.1563	0.2049	0.1143	0.1989
69.0	0.0480	0.1446	0.1198	0.1446	0.0599	0.1266
72.0	0.0361	0.0725	0.0482	0.0844	0.0301	0.0723
75.0	0.0361	0.0422	0.0421	0.0482	0.0301	0.0422
78.0	0.0361	0.0362	0.0421	0.0361	0.0362	0.0301
81.0	0.0361	0.0361	0.0483	0.0361	0.0361	0.0301
84.0	0.0421	0.0361	0.0663	0.0361	0.0362	0.0301
87.0	0.0482	0.0361	0.0542	0.0361	0.0482	0.0301
90.0	0.0542	0.0361	0.0542	0.0361	0.0483	0.0301
93.0	0.0602	0.0361	0.0604	0.0421	0.0542	0.0301
96.0	0.0722	0.0361	0.0783	0.0481	0.0662	0.0301
99.0	0.0783	0.0361	0.0843	0.0482	0.0724	0.0301
102.0	0.0843	0.0361	0.0964	0.0482	0.0902	0.0361
105.0	0.0964	0.0361	0.1084	0.0482	0.0963	0.0361
108.0	0.1085	0.0542	0.1323	0.0482	0.1024	0.0361
111.0	0.1265	0.0663	0.1445	0.0722	0.1205	0.0481
114.0	0.1505	0.1083	0.1627	0.1082	0.1385	0.0601
117.0	0.1746	0.1383	0.1807	0.1323	0.1567	0.0722
120.0	0.1927	0.1420	0.2048	0.1419	0.1867	0.1263
123.0	0.2168	0.1564	0.2288	0.1563	0.2107	0.1432
126.0	0.2409	0.1806	0.2470	0.1745	0.2349	0.1505
129.0	0.2770	0.2191	0.2770	0.2165	0.2590	0.2044
132.0	0.2951	0.2321	0.2951	0.2346	0.2951	0.2286
135.0	0.3251	0.2527	0.3250	0.2528	0.3250	0.2588
138.0	0.3492	0.2768	0.3373	0.2768	0.3492	0.2829
141.0	0.3792	0.3050	0.3612	0.3059	0.3732	0.3202
144.0	0.3913	0.3170	0.3733	0.3209	0.3913	0.3238
147.0	0.4153	0.3310	0.3913	0.3304	0.3974	0.3311
150.0	0.4214	0.3491	0.4034	0.3371	0.4153	0.3431
153.0	0.4227	0.3612	0.4093	0.3431	0.4169	0.3551
156.0	0.4241	0.3791	0.4165	0.3461	0.4185	0.3611
159.0	0.4254	0.4092	0.4212	0.3491	0.4200	0.3719
162.0	0.4267	0.4144	0.4258	0.3521	0.4216	0.3851
165.0	0.4281	0.4196	0.4393	0.3554	0.4232	0.3841
168.0	0.4294	0.4224	0.4400	0.3589	0.4247	0.3873
171.0	0.4307	0.4241	0.4418	0.3671	0.4263	0.3886
174.0	0.4321	0.4257	0.4436	0.3911	0.4268	0.3899
177.0	0.4334	0.4274	0.4454	0.4213	0.4274	0.3913
180.0	0.4334	0.4394	0.4454	0.4213	0.4213	0.4213

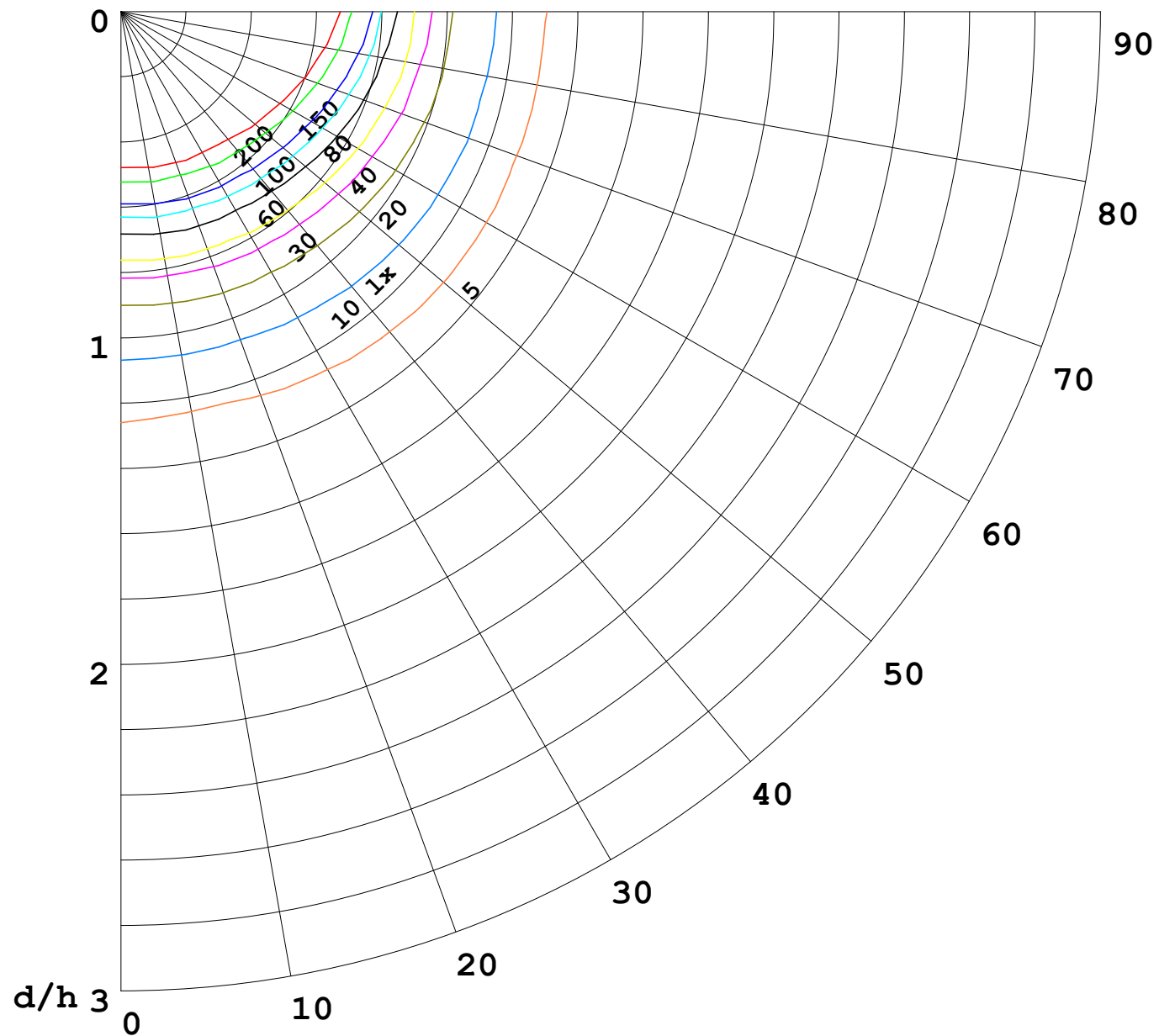
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-29

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: Blue



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

