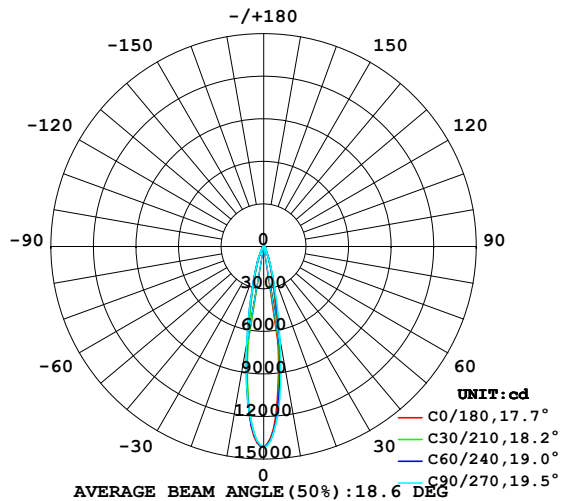


LUMINAIRE PHOTOMETRIC TEST REPORT

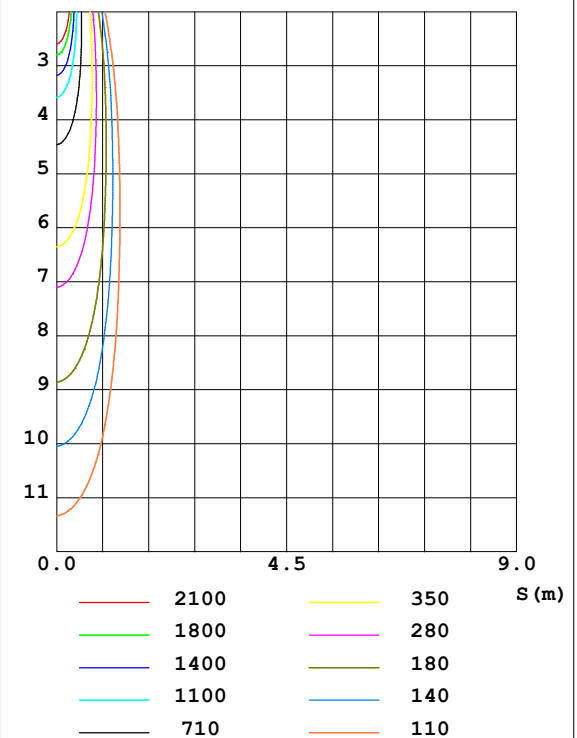
Test:U:24.00V I:1.443A P:34.63W PF:1.000 Lamp Flux:2465.24x1 lm		
NAME: AW01-24V-3535-18-3000K-A-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.19 lm/W			
MODEL	3535	I _{max} (cd)	14145	S/MH (C0/180)	0.29
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.33
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2465.2	η UP, DN (C0-180)	1.8, 47.0
NOMINAL FLUX (lm)	2465.24	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 49.9
LAMPS INSIDE	1	η up (%)	3.2	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)		η down (%)	96.8	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



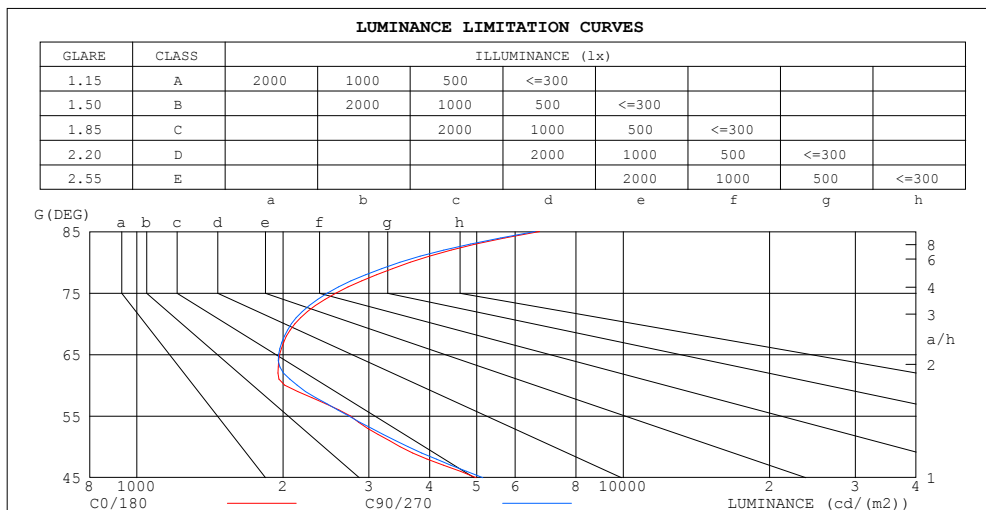
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-16

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:

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	549.6	614.9	666.0	628.3	636.6	661.5	698.4	653.0	0- 10	930.4	930.4	37.7, 37.7
20	123.4	131.5	141.3	139.2	150.4	154.0	156.2	144.4	10- 20	853.6	1784	72.4, 72.4
30	33.52	34.24	35.97	36.91	40.83	41.80	41.67	38.48	20- 30	345.2	2129	86.4, 86.4
40	11.69	11.64	11.97	12.48	13.93	14.03	13.78	13.03	30- 40	140.2	2269	92.1, 92.1
50	4.469	4.511	4.640	4.774	4.926	4.977	4.908	4.655	40- 50	61.60	2331	94.6, 94.6
60	2.016	2.047	2.137	2.156	1.584	1.592	1.576	1.478	50- 60	27.71	2359	95.7, 95.7
70	1.446	1.412	1.422	1.440	0.4515	0.4263	0.4137	0.4084	60- 70	12.40	2371	96.2, 96.2
80	1.267	1.216	1.207	1.250	0.1989	0.2088	0.2222	0.2089	70- 80	8.354	2379	96.5, 96.5
90	1.067	1.043	1.067	1.100	0.2131	0.2283	0.2442	0.2341	80- 90	7.451	2387	96.8, 96.8
100	0.9216	0.9423	0.9546	0.9509	0.3535	0.3635	0.3749	0.3696	90-100	7.092	2394	97.1, 97.1
110	0.8667	0.8881	0.8927	0.8639	0.5174	0.5348	0.5584	0.5450	100-110	7.142	2401	97.4, 97.4
120	0.8946	0.9486	0.9887	0.9256	0.7912	0.8428	0.8956	0.8597	110-120	7.764	2409	97.7, 97.7
130	1.251	1.312	1.363	1.296	1.378	1.397	1.410	1.414	120-130	9.836	2419	98.1, 98.1
140	1.953	1.943	1.937	1.932	1.914	1.886	1.866	1.903	130-140	12.65	2431	98.6, 98.6
150	2.567	2.517	2.431	2.517	2.138	2.136	2.094	2.134	140-150	13.36	2445	99.2, 99.2
160	2.904	2.755	2.605	2.812	2.277	2.264	2.150	2.195	150-160	11.23	2456	99.6, 99.6
170	2.681	2.534	2.532	2.689	2.304	2.295	2.175	2.102	160-170	7.028	2463	99.9, 99.9
180	2.267	2.354	2.433	2.333	2.261	2.351	2.431	2.329	170-180	2.258	2465	100, 100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT: lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6730	6591
80	3647	3474
75	2572	2466
70	2114	2079
65	1966	1958
60	2016	2137
55	2746	2727
50	3477	3609
45	4983	5142

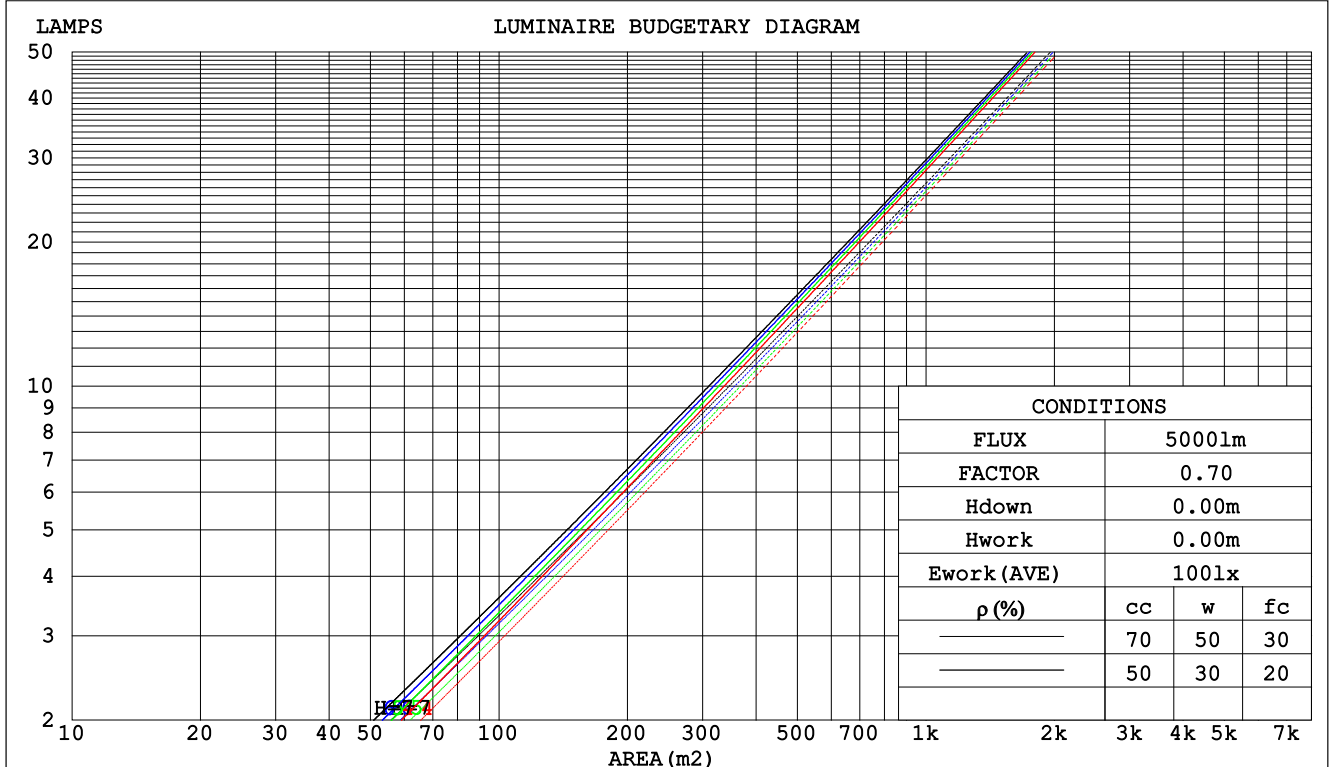
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-16

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:1.443A P:34.63W PF:1.000 Lamp Flux:2465.24x1 lm		
NAME: AW01-24V-3535-18-3000K-A-20	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	1.09	1.08	1.09	1.07	1.06	1.04	1.03	1.02	1.00	.99	.98	.96	.96	.95	.93
2.0	1.06	1.02	.90	1.04	1.01	.98	1.00	.98	.96	.97	.95	.93	.94	.92	.91	.89
3.0	1.01	.97	.94	.99	.96	.93	.96	.93	.91	.93	.91	.89	.91	.89	.87	.86
4.0	.96	.92	.89	.95	.91	.88	.93	.89	.87	.90	.88	.86	.88	.86	.84	.83
5.0	.93	.88	.85	.91	.87	.84	.89	.86	.83	.88	.85	.82	.86	.83	.81	.80
6.0	.89	.85	.81	.88	.84	.81	.87	.83	.80	.85	.82	.80	.84	.81	.79	.78
7.0	.86	.82	.79	.85	.81	.78	.84	.80	.78	.83	.79	.77	.81	.79	.76	.75
8.0	.83	.79	.76	.83	.79	.76	.81	.78	.75	.80	.77	.75	.79	.76	.74	.73
9.0	.81	.76	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.77	.74	.72	.71
10.0	.78	.74	.71	.78	.74	.71	.77	.74	.71	.76	.73	.71	.75	.73	.70	.69



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-16

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:

WEC AND CCEC

Test:U:24.00V I:1.443A P:34.63W PF:1.000 Lamp Flux:2465.24x1 lm					
NAME: AW01-24V-3535-18-3000K-A-20			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	.150	.085	.027	.142	.081	.026	.128	.073	.023	.115	.066	.021	.103	.059	.019	
2.0	.138	.076	.023	.132	.073	.022	.120	.067	.021	.109	.061	.019	.098	.056	.018	
3.0	.128	.068	.020	.123	.066	.020	.113	.061	.019	.103	.057	.017	.094	.052	.016	
4.0	.120	.062	.018	.115	.060	.018	.106	.056	.017	.098	.053	.016	.091	.049	.015	
5.0	.112	.057	.017	.108	.056	.016	.101	.052	.015	.094	.049	.015	.087	.047	.014	
6.0	.106	.053	.015	.102	.052	.015	.096	.049	.014	.090	.047	.014	.084	.044	.013	
7.0	.100	.050	.014	.097	.048	.014	.091	.046	.013	.086	.044	.013	.081	.042	.012	
8.0	.095	.046	.013	.092	.045	.013	.087	.044	.012	.082	.042	.012	.078	.040	.012	
9.0	.091	.044	.012	.088	.043	.012	.083	.041	.012	.079	.040	.011	.075	.038	.011	
10.0	.086	.041	.012	.084	.041	.011	.080	.039	.011	.076	.038	.011	.072	.036	.010	

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	.215	.215	.215	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.194	.182	.171	.166	.156	.148	.113	.107	.102	.065	.062	.059	.021	.020	.019	
2.0	.176	.157	.141	.151	.135	.122	.103	.094	.085	.060	.054	.050	.019	.018	.016	
3.0	.162	.138	.119	.139	.119	.103	.095	.083	.072	.055	.048	.043	.018	.016	.014	
4.0	.150	.123	.102	.129	.106	.089	.088	.074	.063	.051	.043	.037	.016	.014	.012	
5.0	.140	.111	.090	.120	.096	.078	.083	.067	.055	.048	.039	.033	.015	.013	.011	
6.0	.131	.101	.080	.112	.087	.069	.078	.061	.049	.045	.036	.029	.015	.012	.010	
7.0	.123	.093	.072	.106	.081	.062	.073	.056	.044	.043	.033	.026	.014	.011	.009	
8.0	.117	.086	.065	.100	.075	.057	.070	.053	.040	.040	.031	.024	.013	.010	.008	
9.0	.111	.081	.060	.096	.070	.053	.066	.049	.037	.039	.029	.022	.013	.010	.007	
10.0	.106	.076	.056	.091	.066	.049	.063	.046	.035	.037	.027	.021	.012	.009	.007	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYH
 Test Date:2024-07-16

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:

Uncorrected UGR Table

Test:U:24.00V I:1.443A P:34.63W PF:1.000 Lamp Flux:2465.24x1 lm										
NAME: AW01-24V-3535-18-3000K-A-20						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	9.6	10.3	9.9	10.5	10.7	9.7	10.4	9.9	10.6	10.8
3H	10.1	10.8	10.4	11.0	11.3	10.2	10.8	10.5	11.1	11.3
4H	10.6	11.2	10.9	11.5	11.8	10.6	11.2	11.0	11.5	11.8
6H	11.4	12.0	11.7	12.2	12.5	11.3	11.9	11.7	12.2	12.5
8H	11.9	12.5	12.3	12.8	13.1	11.9	12.4	12.2	12.7	13.0
12H	12.6	13.2	13.0	13.5	13.8	12.5	13.1	12.9	13.4	13.7
4H 2H	9.7	10.3	10.0	10.5	10.8	9.8	10.4	10.1	10.6	10.9
3H	10.5	11.0	10.8	11.3	11.6	10.5	11.0	10.9	11.3	11.7
4H	11.1	11.6	11.5	12.0	12.3	11.1	11.6	11.5	12.0	12.3
6H	12.2	12.6	12.6	13.0	13.4	12.1	12.6	12.6	12.9	13.4
8H	12.9	13.3	13.4	13.7	14.2	12.8	13.2	13.3	13.6	14.1
12H	13.8	14.2	14.3	14.6	15.1	13.7	14.1	14.2	14.5	15.0
8H 4H	11.4	11.8	11.9	12.2	12.7	11.4	11.8	11.9	12.2	12.7
6H	12.8	13.1	13.3	13.6	14.1	12.7	13.0	13.2	13.5	14.0
8H	13.7	14.0	14.2	14.5	15.0	13.6	13.9	14.1	14.4	14.9
12H	14.9	15.1	15.4	15.6	16.2	14.8	15.0	15.3	15.5	16.0
12H 4H	11.5	11.9	12.0	12.3	12.7	11.5	11.9	12.0	12.3	12.7
6H	13.0	13.3	13.5	13.7	14.3	12.9	13.2	13.4	13.7	14.2
8H	14.0	14.3	14.5	14.8	15.3	13.9	14.2	14.4	14.7	15.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.6 / - 0.6				
1.5H	+ 1.0 / - 0.4					+ 1.0 / - 0.4				
2.0H	+ 0.6 / - 0.3					+ 0.7 / - 0.3				

CIE Pub.117 Corrected 2465 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.1)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-16

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:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:1.443A P:34.63W PF:1.000 Lamp Flux:2465.24x1 lm		
NAME: AW01-24V-3535-18-3000K-A-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

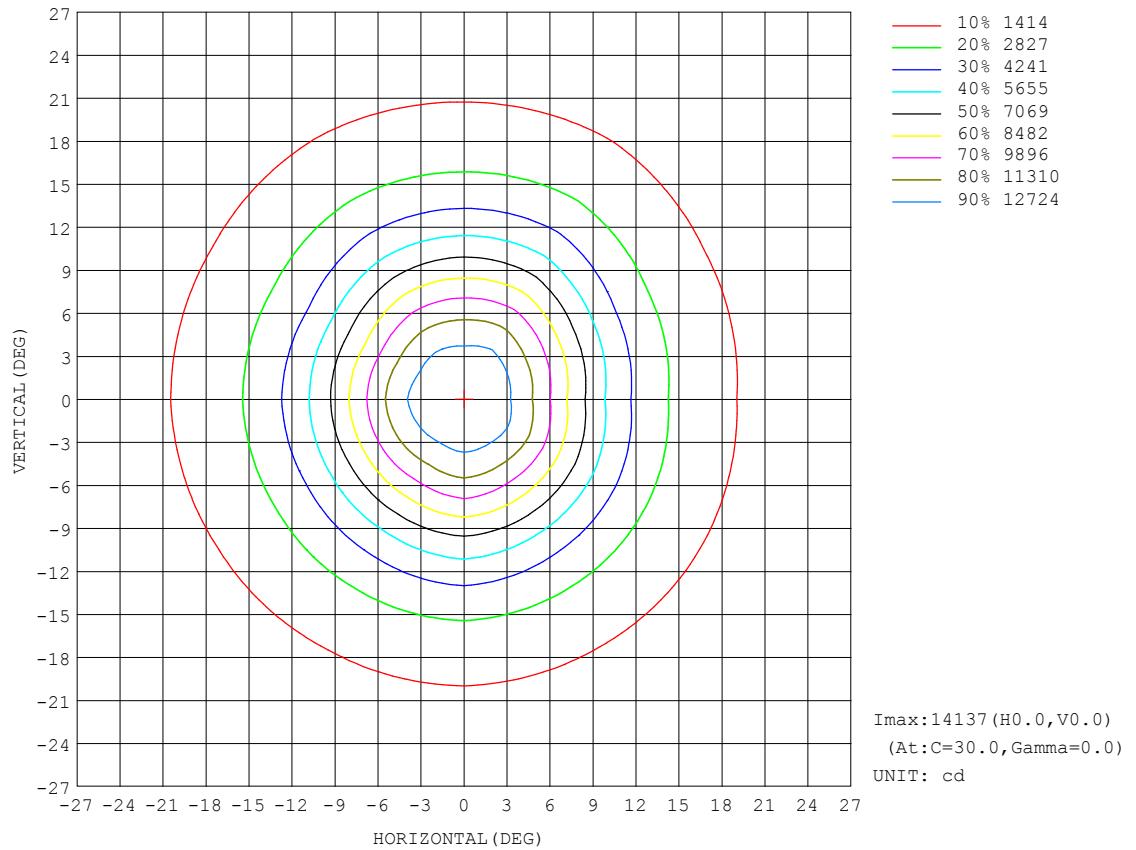
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	77	86	80	76	85	80	76	73
0.80	94	88	84	93	88	84	92	87	84	80
1.00	98	93	89	97	92	89	95	91	88	84
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	103	99	96	101	97	95	90
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: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-16

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:

ISOCANDELA DIAGRAM

Test:U:24.00V I:1.443A P:34.63W PF:1.000 Lamp Flux:2465.24x1 lm		
NAME: AW01-24V-3535-18-3000K-A-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

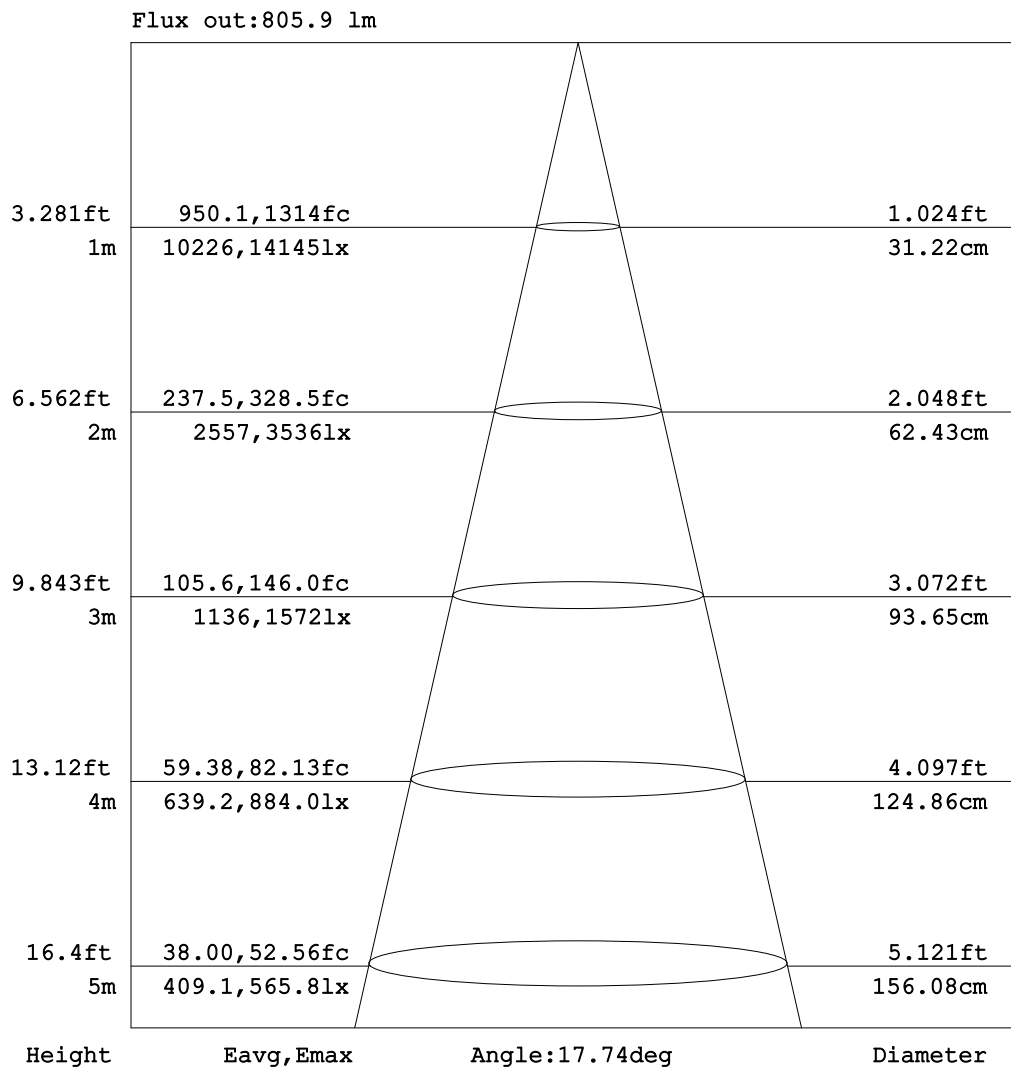


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-16

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:

AAI Figure

Test:U:24.00V I:1.443A P:34.63W PF:1.000 Lamp Flux:2465.24x1 lm		
NAME: AW01-24V-3535-18-3000K-A-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



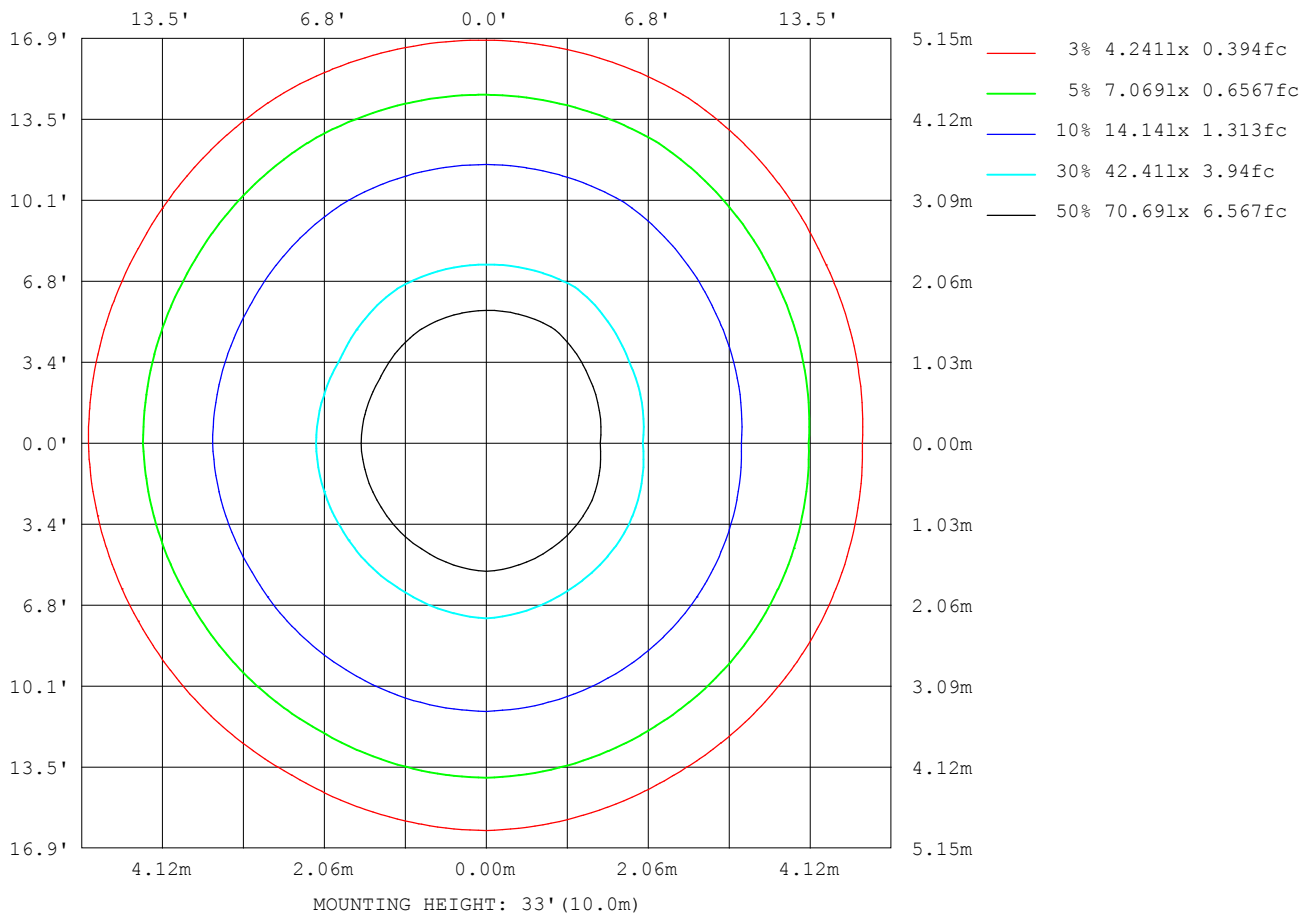
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-16

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:

ISOLUX DIAGRAM

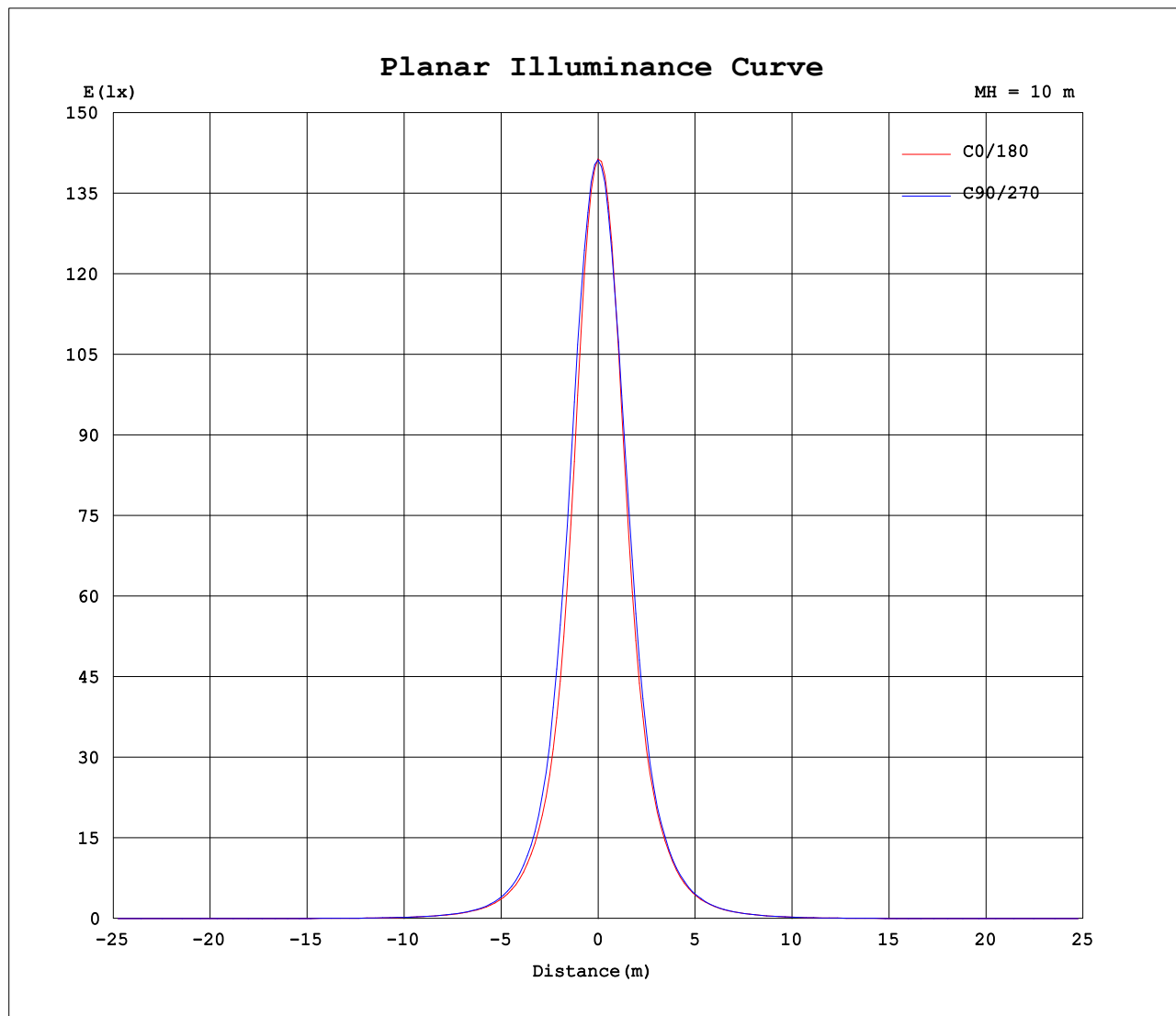
Test:U:24.00V I:1.443A P:34.63W PF:1.000 Lamp Flux:2465.24x1 lm		
NAME: AW01-24V-3535-18-3000K-A-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-16

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-16

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:1.443A P:34.63W PF:1.000 Lamp Flux:2465.24x1 lm		
NAME: AW01-24V-3535-18-3000K-A-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1414	1414	1413	1412	1411	1412	1414	1414	1413	1412	1411	1412						
5	1107	1156	1155	1177	1147	1163	1180	1160	1182	1175	1193	1141						
10	550	602	628	666	631	625	637	637	686	698	698	608						
15	252	270	284	302	291	288	300	298	322	322	325	275						
20	123	130	133	141	137	141	150	150	158	156	155	133						
25	62.3	64.4	65.5	69.2	67.8	70.8	76.1	76.2	80.8	79.1	77.7	67.1						
30	33.5	34.2	34.3	36.0	35.7	38.1	40.8	40.7	42.9	41.7	41.1	35.8						
35	19.6	19.5	19.7	20.1	20.4	21.5	23.2	23.3	24.1	23.5	22.9	20.8						
40	11.7	11.7	11.6	12.0	12.1	12.8	13.9	13.8	14.3	13.8	13.6	12.4						
45	7.05	7.05	7.07	7.27	7.36	7.76	8.30	8.24	8.49	8.22	8.15	7.46						
50	4.47	4.49	4.54	4.64	4.68	4.87	4.93	4.91	5.04	4.91	4.86	4.45						
55	3.15	3.08	3.07	3.13	3.16	3.32	3.02	3.00	3.03	2.98	2.93	2.73						
60	2.02	2.02	2.08	2.14	2.13	2.18	1.58	1.56	1.62	1.58	1.57	1.39						
65	1.66	1.63	1.64	1.66	1.66	1.68	0.81	0.77	0.75	0.74	0.74	0.72						
70	1.45	1.41	1.41	1.42	1.43	1.45	0.45	0.43	0.42	0.41	0.41	0.41						
75	1.33	1.30	1.27	1.28	1.30	1.32	0.26	0.25	0.24	0.25	0.24	0.24						
80	1.27	1.23	1.20	1.21	1.24	1.26	0.20	0.20	0.22	0.22	0.21	0.20						
85	1.17	1.14	1.12	1.15	1.17	1.18	0.19	0.20	0.21	0.23	0.22	0.20						
90	1.07	1.04	1.05	1.07	1.10	1.10	0.21	0.22	0.24	0.24	0.24	0.23						
95	0.98	0.97	1.00	1.01	1.03	1.02	0.28	0.28	0.30	0.31	0.31	0.29						
100	0.92	0.93	0.95	0.95	0.96	0.94	0.35	0.36	0.37	0.37	0.38	0.36						
105	0.89	0.90	0.92	0.91	0.90	0.88	0.43	0.43	0.45	0.46	0.46	0.45						
110	0.87	0.88	0.90	0.89	0.87	0.86	0.52	0.52	0.55	0.56	0.55	0.54						
115	0.86	0.88	0.90	0.91	0.87	0.86	0.63	0.64	0.68	0.70	0.68	0.66						
120	0.89	0.93	0.97	0.99	0.95	0.90	0.79	0.82	0.87	0.90	0.87	0.85						
125	1.02	1.05	1.12	1.14	1.10	1.03	1.05	1.08	1.12	1.14	1.12	1.11						
130	1.25	1.28	1.34	1.36	1.33	1.26	1.38	1.40	1.39	1.41	1.40	1.42						
135	1.59	1.59	1.63	1.64	1.63	1.57	1.70	1.69	1.66	1.66	1.67	1.71						
140	1.95	1.94	1.95	1.94	1.95	1.91	1.91	1.90	1.87	1.87	1.89	1.92						
145	2.28	2.26	2.25	2.21	2.26	2.24	2.05	2.04	2.03	2.01	2.04	2.05						
150	2.57	2.55	2.49	2.43	2.50	2.53	2.14	2.14	2.14	2.09	2.13	2.14						
155	2.80	2.75	2.64	2.56	2.67	2.75	2.21	2.22	2.21	2.14	2.17	2.20						
160	2.90	2.84	2.67	2.60	2.75	2.88	2.28	2.28	2.25	2.15	2.16	2.23						
165	2.86	2.79	2.62	2.59	2.74	2.87	2.30	2.31	2.27	2.15	2.12	2.21						
170	2.68	2.58	2.49	2.53	2.65	2.73	2.30	2.31	2.28	2.17	2.08	2.12						
175	2.42	2.35	2.41	2.48	2.52	2.51	2.23	2.29	2.32	2.28	2.16	2.08						
180	2.27	2.30	2.41	2.43	2.38	2.28	2.26	2.30	2.40	2.43	2.38	2.28						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-16

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:

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	14137	14145	14134	14121	14112	14117	14137	14145	14134	14121
3.0	12938	13170	13132	13195	13052	13189	13383	13167	13280	13206
6.0	9907	10457	10525	10861	10480	10622	10773	10649	10917	10914
9.0	6463	7021	7298	7596	7309	7215	7388	7306	7850	7931
12.0	3996	4377	4594	4969	4658	4599	4682	4597	5104	5144
15.0	2522	2696	2840	3022	2911	2877	2999	2980	3222	3222
18.0	1630	1712	1817	1887	1860	1845	1973	1937	2088	2071
21.0	1068	1120	1152	1223	1184	1224	1309	1296	1381	1355
24.0	713.0	740.1	754.4	795.3	779.9	810.5	867.9	875.7	921.0	911.6
27.0	480.3	496.6	502.0	528.2	517.2	546.2	585.6	590.5	620.6	610.2
30.0	335.2	342.0	342.9	359.7	357.0	381.3	408.3	407.5	428.6	416.7
33.0	241.6	243.8	244.4	251.3	253.4	268.0	287.5	289.6	300.7	296.2
36.0	175.3	177.1	175.1	180.7	182.4	194.5	209.2	211.2	216.6	211.3
39.0	129.1	129.2	128.4	132.5	133.7	141.5	154.0	152.4	158.1	152.9
42.0	95.84	95.88	95.30	97.71	98.92	105.2	113.4	113.1	116.0	113.0
45.0	70.47	70.48	70.69	72.72	73.64	77.57	83.01	82.37	84.94	82.18
48.0	52.93	53.25	53.46	55.24	55.61	57.95	60.55	60.57	62.11	60.10
51.0	41.59	41.47	41.76	42.83	43.09	44.83	44.44	44.67	45.54	44.61
54.0	33.58	33.26	33.28	33.80	34.21	35.73	33.17	32.89	33.58	32.75
57.0	26.65	26.27	26.07	26.78	26.91	28.31	24.64	24.29	24.45	23.65
60.0	20.16	20.17	20.77	21.37	21.34	21.78	15.84	15.60	16.23	15.76
63.0	17.74	17.38	17.57	17.87	17.82	18.00	9.975	9.431	9.691	9.747
66.0	16.14	15.79	15.85	16.02	16.08	16.28	7.269	6.875	6.733	6.627
69.0	14.81	14.52	14.49	14.63	14.70	14.89	5.108	4.935	4.732	4.717
72.0	13.87	13.55	13.44	13.52	13.66	13.86	3.522	3.448	3.242	3.275
75.0	13.31	12.96	12.74	12.77	13.02	13.16	2.568	2.509	2.377	2.470
78.0	12.93	12.58	12.31	12.29	12.67	12.77	2.091	2.105	2.196	2.169
81.0	12.50	12.15	11.86	11.97	12.32	12.43	1.939	1.996	2.133	2.248
84.0	11.94	11.60	11.37	11.71	11.90	12.01	1.926	1.969	2.098	2.315
87.0	11.29	10.97	10.89	11.08	11.43	11.50	1.965	1.977	2.175	2.264
90.0	10.67	10.39	10.47	10.67	11.00	10.99	2.131	2.174	2.393	2.442
93.0	10.14	9.973	10.16	10.34	10.61	10.52	2.527	2.569	2.757	2.792
96.0	9.670	9.642	9.880	10.00	10.19	10.02	2.954	2.971	3.158	3.181
99.0	9.312	9.393	9.612	9.661	9.765	9.539	3.382	3.392	3.573	3.608
102.0	9.057	9.196	9.363	9.336	9.363	9.112	3.835	3.857	4.013	4.074
105.0	8.871	9.023	9.152	9.081	9.019	8.787	4.307	4.335	4.511	4.571
108.0	8.738	8.864	9.005	8.962	8.782	8.618	4.805	4.845	5.060	5.145
111.0	8.642	8.794	8.954	8.909	8.680	8.569	5.372	5.451	5.691	5.839
114.0	8.636	8.801	8.960	9.025	8.686	8.571	6.029	6.140	6.476	6.656
117.0	8.647	8.929	9.220	9.338	8.952	8.687	6.847	7.069	7.460	7.738
120.0	8.946	9.261	9.710	9.887	9.487	9.025	7.912	8.191	8.665	8.956
123.0	9.557	9.894	10.49	10.71	10.32	9.664	9.285	9.689	10.09	10.38
126.0	10.53	10.90	11.56	11.81	11.42	10.67	11.07	11.39	11.70	11.96
129.0	11.94	12.23	12.92	13.12	12.81	12.00	13.09	13.36	13.39	13.58
132.0	13.79	13.94	14.53	14.69	14.46	13.71	15.15	15.15	15.05	15.12
135.0	15.89	15.92	16.31	16.40	16.27	15.69	16.95	16.91	16.57	16.58
138.0	18.10	18.04	18.21	18.18	18.21	17.77	18.39	18.24	17.94	17.94
141.0	20.22	20.06	20.13	19.97	20.16	19.83	19.45	19.31	19.09	19.00
144.0	22.17	22.04	21.94	21.65	22.01	21.82	20.24	20.14	20.02	19.88
147.0	23.99	23.82	23.56	23.10	23.66	23.68	20.86	20.81	20.76	20.50
150.0	25.67	25.45	24.89	24.31	25.03	25.31	21.38	21.38	21.35	20.94
153.0	27.18	26.83	25.89	25.22	26.13	26.77	21.83	21.85	21.81	21.24
156.0	28.32	27.83	26.55	25.82	26.91	27.87	22.27	22.29	22.18	21.42
159.0	28.95	28.37	26.73	26.02	27.38	28.62	22.66	22.66	22.45	21.49
162.0	29.07	28.35	26.63	26.10	27.44	28.84	22.96	22.95	22.63	21.51
165.0	28.60	27.86	26.16	25.90	27.40	28.65	23.05	23.12	22.72	21.54
168.0	27.65	26.78	25.35	25.54	26.90	27.99	23.08	23.12	22.77	21.56
171.0	26.34	25.31	24.64	25.18	26.23	26.90	22.98	23.07	22.85	21.87
174.0	24.74	23.90	24.19	24.92	25.46	25.55	22.51	22.90	23.09	22.51
177.0	23.31	23.08	24.09	24.68	24.70	24.12	22.25	22.79	23.53	23.40
180.0	22.67	23.02	24.06	24.33	23.81	22.84	22.61	23.00	24.02	24.31
G/C	300.0	330.0								
0.0	14112	14117								
3.0	13346	13110								
6.0	11048	10422								
9.0	7986	7050								
12.0	5182	4379								
15.0	3246	2752								
18.0	2068	1796								
21.0	1349	1161								
24.0	887.7	771.3								
27.0	595.4	521.9								
30.0	411.1	358.4								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-16

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:

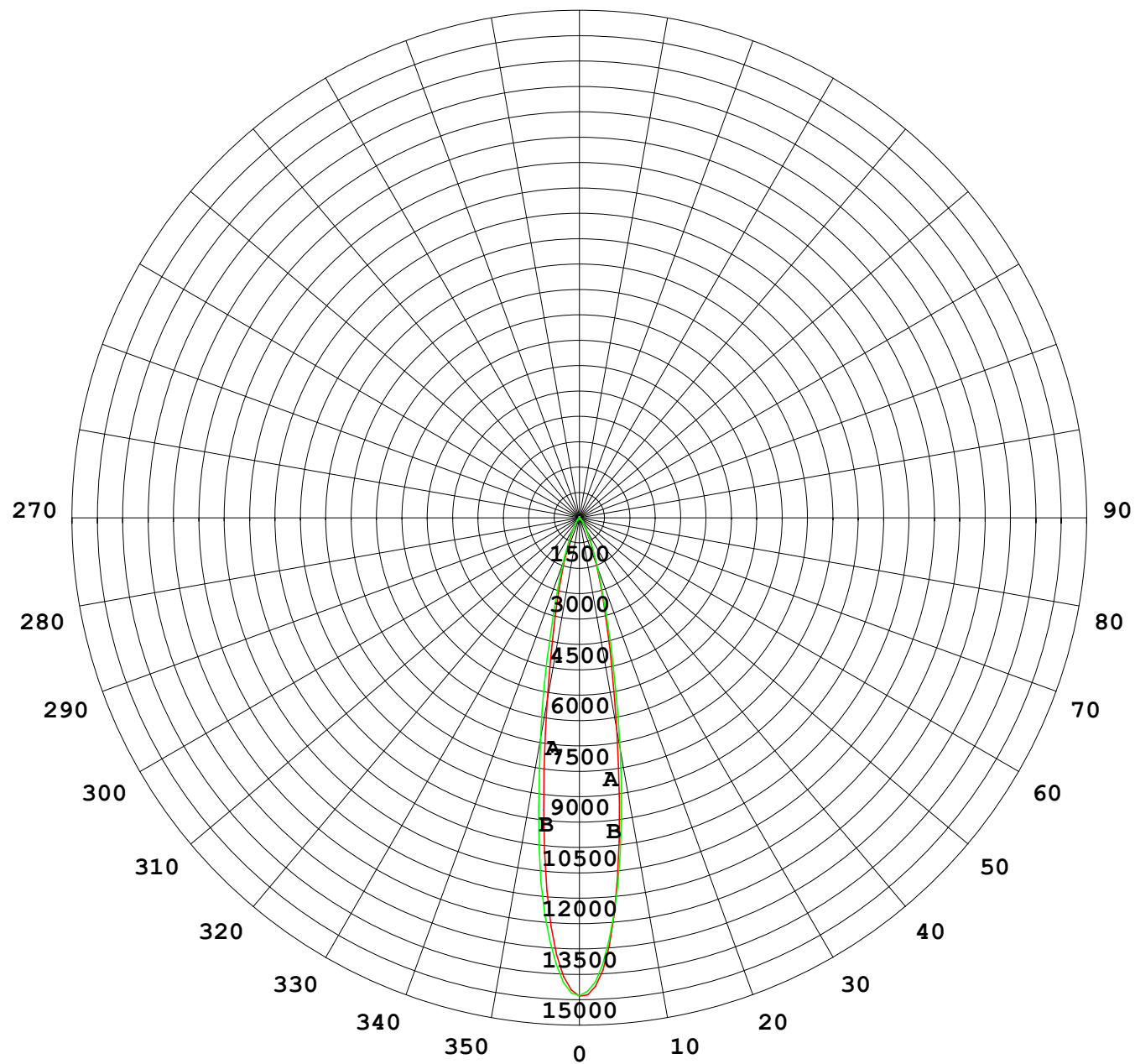
Photometric Data Table [cd]

33.0	286.0	257.2
36.0	206.4	188.1
39.0	151.1	137.5
42.0	111.1	102.0
45.0	81.49	74.64
48.0	59.74	54.31
51.0	43.88	40.43
54.0	32.47	29.92
57.0	23.58	21.74
60.0	15.69	13.88
63.0	9.614	8.824
66.0	6.638	6.467
69.0	4.656	4.634
72.0	3.184	3.250
75.0	2.365	2.413
78.0	2.142	2.111
81.0	2.124	2.028
84.0	2.124	2.022
87.0	2.220	2.041
90.0	2.418	2.263
93.0	2.788	2.639
96.0	3.184	3.066
99.0	3.605	3.494
102.0	4.058	3.953
105.0	4.555	4.450
108.0	5.105	4.979
111.0	5.742	5.610
114.0	6.540	6.324
117.0	7.530	7.292
120.0	8.735	8.459
123.0	10.18	9.938
126.0	11.79	11.70
129.0	13.48	13.61
132.0	15.16	15.47
135.0	16.70	17.12
138.0	18.07	18.48
141.0	19.21	19.53
144.0	20.11	20.30
147.0	20.79	20.90
150.0	21.29	21.39
153.0	21.61	21.75
156.0	21.71	22.06
159.0	21.69	22.22
162.0	21.51	22.28
165.0	21.15	22.10
168.0	20.82	21.64
171.0	20.82	21.05
174.0	21.33	20.79
177.0	22.41	21.36
180.0	23.81	22.78

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-16

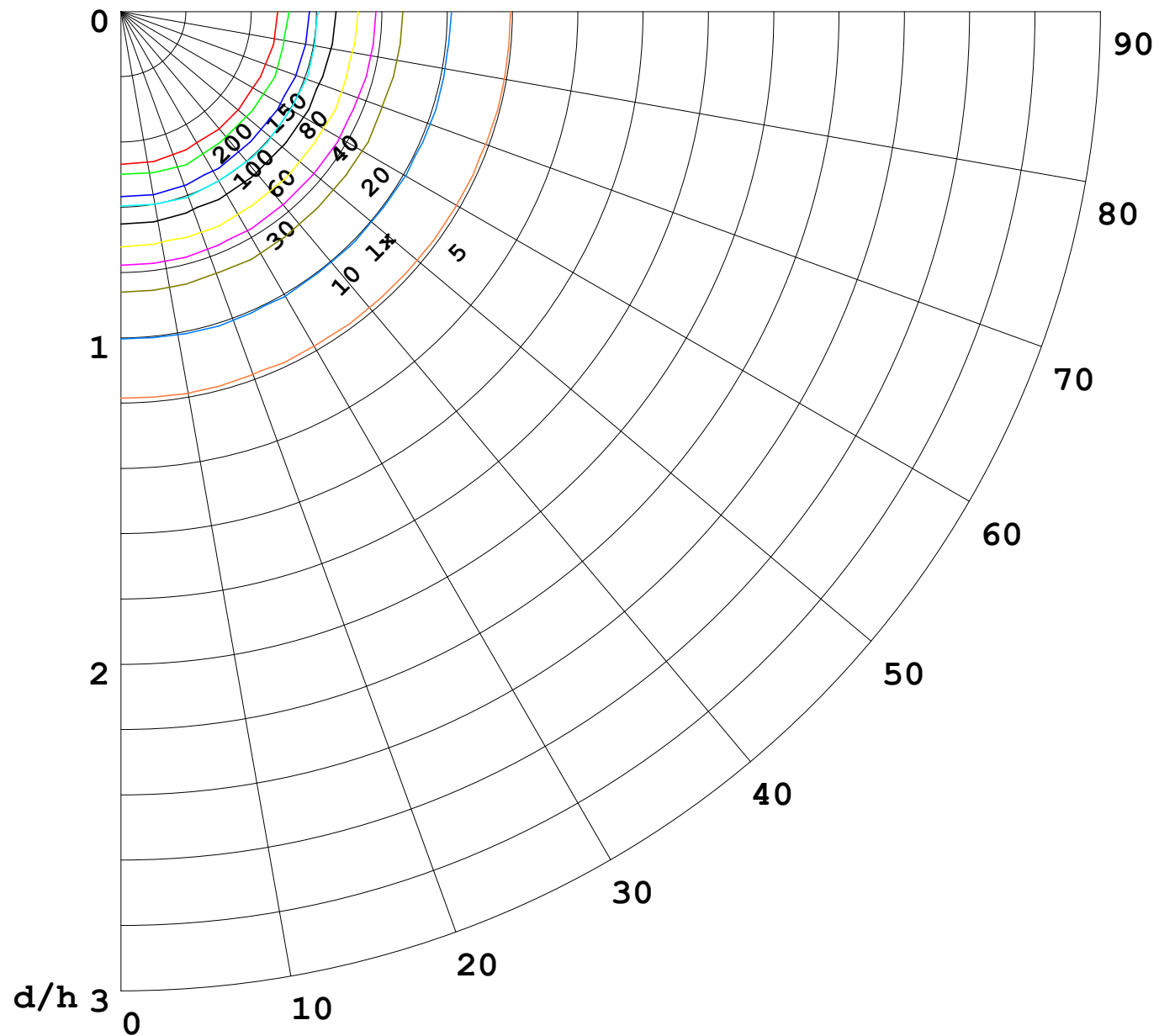
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

I (cd)



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

