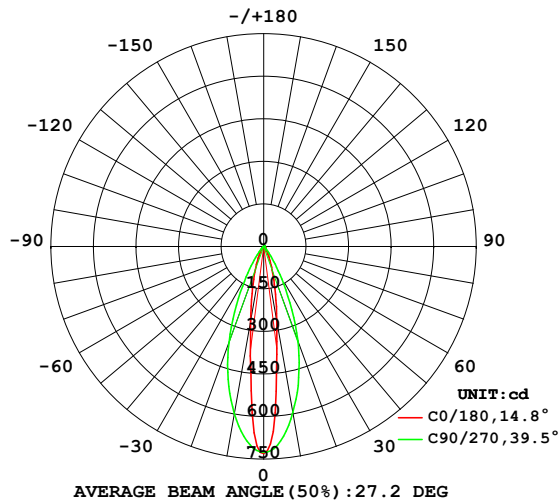


LUMINAIRE PHOTOMETRIC TEST REPORT

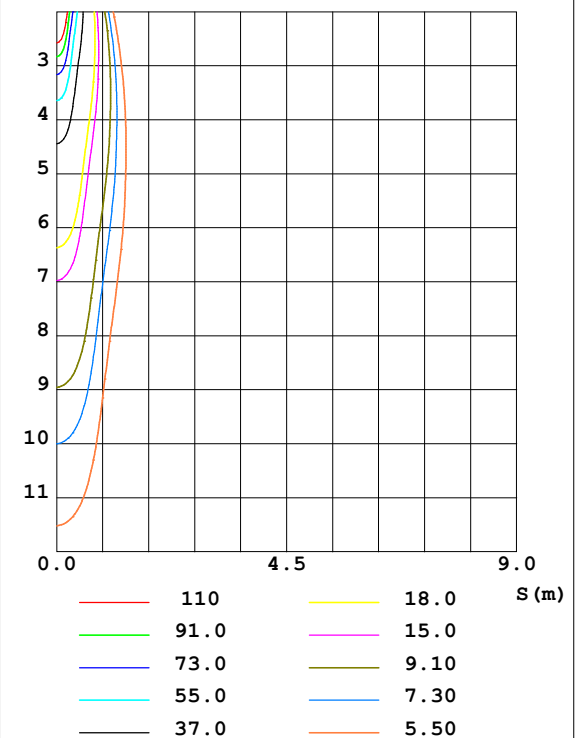
Test:U:24.00V I:0.4114A P:9.874W PF:1.000 Lamp Flux:197.943x1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 20.05 lm/W			
MODEL		I _{max} (cd)	730.1	S/MH (C0/180)	0.26
NOMINAL POWER(W)		LOR(%)	100.0	S/MH (C90/270)	0.63
RATED VOLTAGE(V)		TOTAL FLUX(lm)	197.94	η UP,DN(C0-180)	1.8,48.4
NOMINAL FLUX(lm)	197.943	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.5
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: Red

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	270.2	351.8	594.1	319.4	267.8	332.3	598.4	367.3	0- 10	50.06	50.06	25.3,25.3
20	88.51	119.6	353.2	107.6	87.41	115.7	359.0	121.5	10- 20	69.64	119.7	60.5,60.5
30	29.26	39.48	115.5	35.16	28.57	38.56	124.1	39.60	20- 30	42.38	162.1	81.9,81.9
40	10.85	13.54	25.07	12.26	10.65	13.30	27.55	13.83	30- 40	17.99	180.1	91,91
50	4.236	4.894	5.662	4.508	3.800	4.497	5.925	4.852	40- 50	6.802	186.9	94.4,94.4
60	2.030	1.922	2.037	1.814	1.352	1.298	1.587	1.520	50- 60	2.643	189.5	95.7,95.7
70	1.126	1.120	1.156	1.078	0.2940	0.2701	0.4323	0.3061	60- 70	1.083	190.6	96.3,96.3
80	0.9015	0.9029	0.9368	0.9390	0.1231	0.1325	0.1685	0.1265	70- 80	0.5912	191.2	96.6,96.6
90	0.8367	0.8247	0.8548	0.8610	0.1746	0.1987	0.2288	0.1927	80- 90	0.5595	191.7	96.9,96.9
100	0.7344	0.7782	0.8006	0.7705	0.2709	0.3071	0.3434	0.3011	90-100	0.5462	192.3	97.1,97.1
110	0.7138	0.7658	0.7963	0.7212	0.4035	0.4698	0.5420	0.4577	100-110	0.5821	192.9	97.4,97.4
120	0.7020	0.7943	0.8906	0.7821	0.6263	0.7587	0.8070	0.7286	110-120	0.6584	193.5	97.8,97.8
130	0.9146	1.053	1.137	1.077	1.108	1.132	1.138	1.102	120-130	0.8094	194.3	98.2,98.2
140	1.480	1.468	1.474	1.522	1.541	1.463	1.427	1.451	130-140	0.9921	195.3	98.7,98.7
150	1.944	1.884	1.763	1.908	1.698	1.710	1.619	1.674	140-150	1.028	196.4	99.2,99.2
160	2.231	2.061	1.896	2.137	1.755	1.848	1.710	1.685	150-160	0.8618	197.2	99.6,99.6
170	2.167	2.005	1.916	2.131	1.762	1.873	1.794	1.695	160-170	0.5436	197.8	99.9,99.9
180	1.788	1.908	1.920	1.878	1.758	1.878	1.902	1.854	170-180	0.1792	197.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	508	660
80	260	270
75	176	180
70	165	169
65	172	177
60	203	204
55	256	282
50	330	440
45	474	820

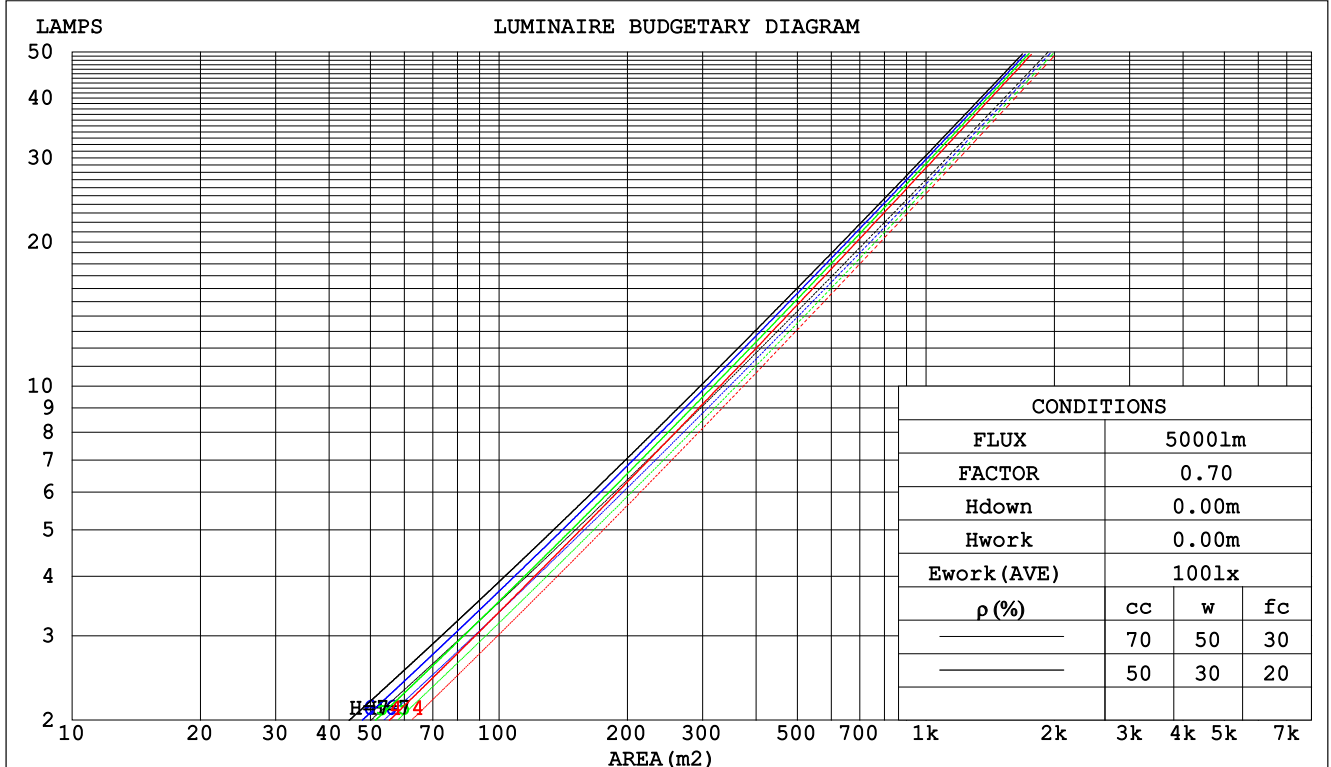
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

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: Red

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4114A P:9.874W PF:1.000 Lamp Flux:197.943x1 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	1.09	1.07	1.08	1.06	1.05	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	.99	.94	.91	.97	.93	.90	.94	.91	.88	.91	.89	.86	.89	.86	.85	.83
4.0	.93	.89	.85	.92	.88	.84	.90	.86	.83	.87	.84	.82	.85	.83	.81	.79
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.84	.80	.78	.82	.79	.77	.76
6.0	.85	.80	.76	.84	.79	.76	.82	.78	.75	.81	.77	.74	.79	.76	.74	.72
7.0	.81	.76	.73	.80	.76	.72	.79	.75	.72	.78	.74	.71	.76	.73	.71	.69
8.0	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.70	.68	.67
9.0	.75	.70	.67	.74	.70	.66	.73	.69	.66	.72	.68	.66	.71	.68	.65	.64
10.0	.72	.67	.64	.71	.67	.64	.71	.66	.63	.70	.66	.63	.69	.65	.63	.62



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: Red

WEC AND CCEC

Test:U:24.00V I:0.4114A P:9.874W PF:1.000 Lamp Flux:197.943x1 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	.162	.092	.029	.155	.088	.028	.141	.081	.026	.127	.074	.024	.115	.067	.022	
2.0	.152	.083	.026	.145	.080	.025	.133	.074	.023	.122	.069	.021	.112	.063	.020	
3.0	.142	.076	.023	.137	.073	.022	.127	.069	.021	.117	.064	.020	.108	.060	.019	
4.0	.134	.070	.020	.129	.068	.020	.120	.064	.019	.112	.060	.018	.104	.057	.017	
5.0	.127	.064	.019	.122	.063	.018	.115	.060	.018	.107	.057	.017	.100	.054	.016	
6.0	.120	.060	.017	.116	.059	.017	.109	.056	.016	.103	.053	.016	.097	.051	.015	
7.0	.114	.056	.016	.111	.055	.016	.105	.053	.015	.099	.051	.015	.093	.049	.014	
8.0	.108	.053	.015	.106	.052	.015	.100	.050	.014	.095	.048	.014	.090	.046	.013	
9.0	.104	.050	.014	.101	.049	.014	.096	.047	.013	.091	.046	.013	.087	.044	.013	
10.0	.099	.048	.013	.097	.047	.013	.092	.045	.013	.088	.044	.012	.084	.042	.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	.182	.170	.166	.156	.146	.114	.107	.101	.065	.062	.059	.021	.020	.019	
2.0	.178	.157	.139	.152	.135	.120	.104	.093	.084	.060	.054	.049	.019	.018	.016	
3.0	.164	.138	.117	.141	.119	.101	.097	.083	.071	.056	.048	.042	.018	.016	.014	
4.0	.153	.123	.100	.131	.106	.087	.090	.074	.061	.052	.043	.036	.017	.014	.012	
5.0	.143	.111	.087	.123	.096	.076	.085	.067	.054	.049	.039	.032	.016	.013	.010	
6.0	.135	.101	.077	.116	.088	.067	.080	.061	.048	.046	.036	.028	.015	.012	.009	
7.0	.128	.094	.069	.110	.081	.061	.076	.057	.043	.044	.034	.026	.014	.011	.008	
8.0	.122	.087	.063	.105	.076	.055	.073	.053	.039	.042	.031	.023	.014	.010	.008	
9.0	.116	.082	.058	.100	.071	.051	.069	.050	.036	.040	.029	.022	.013	.010	.007	
10.0	.112	.077	.054	.096	.067	.047	.067	.047	.034	.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: Red

Uncorrected UGR Table

Test:U:24.00V I:0.4114A P:9.874W PF:1.000 Lamp Flux:197.943x1 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	2.3	3.0	2.5	3.2	3.4	5.9	6.6	6.1	6.8	7.0
	3H	2.5	3.3	2.8	3.5	3.8	5.9	6.6	6.2	6.8	7.1
	4H	2.8	3.4	3.1	3.7	4.0	5.9	6.6	6.2	6.8	7.1
	6H	3.2	3.8	3.5	4.1	4.4	6.0	6.7	6.4	7.0	7.3
	8H	3.6	4.2	3.9	4.5	4.8	6.2	6.8	6.5	7.1	7.4
12H	4.1	4.7	4.4	5.0	5.3	6.6	7.2	7.0	7.5	7.8	
4H	2H	2.3	2.9	2.6	3.2	3.5	5.7	6.4	6.0	6.6	6.9
	3H	2.7	3.3	3.1	3.6	3.9	5.7	6.3	6.1	6.7	7.0
	4H	3.1	3.6	3.4	3.9	4.3	5.8	6.4	6.2	6.7	7.1
	6H	3.7	4.2	4.1	4.6	5.0	6.1	6.6	6.5	7.0	7.4
	8H	4.2	4.7	4.7	5.1	5.5	6.4	6.8	6.8	7.2	7.6
12H	5.0	5.4	5.4	5.8	6.3	7.0	7.4	7.5	7.8	8.3	
8H	4H	3.2	3.6	3.6	4.0	4.5	5.8	6.3	6.3	6.7	7.1
	6H	4.1	4.5	4.6	4.9	5.4	6.2	6.6	6.7	7.0	7.5
	8H	4.8	5.2	5.3	5.6	6.1	6.6	6.9	7.1	7.4	7.9
	12H	5.8	6.1	6.3	6.6	7.1	7.5	7.7	8.0	8.2	8.8
12H	4H	3.2	3.6	3.7	4.1	4.5	5.8	6.2	6.3	6.6	7.1
	6H	4.3	4.6	4.8	5.1	5.6	6.3	6.6	6.8	7.1	7.6
	8H	5.1	5.4	5.6	5.9	6.4	6.7	7.0	7.3	7.5	8.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.9					+ 3.1 / - 2.4					
1.5H	+ 1.2 / - 0.7					+ 5.0 / - 2.3					
2.0H	+ 1.1 / - 0.5					+ 2.9 / - 0.9					

CIE Pub.117 Corrected 197.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -5.6)

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: Red

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.4114A P:9.874W PF:1.000 Lamp Flux:197.943x1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

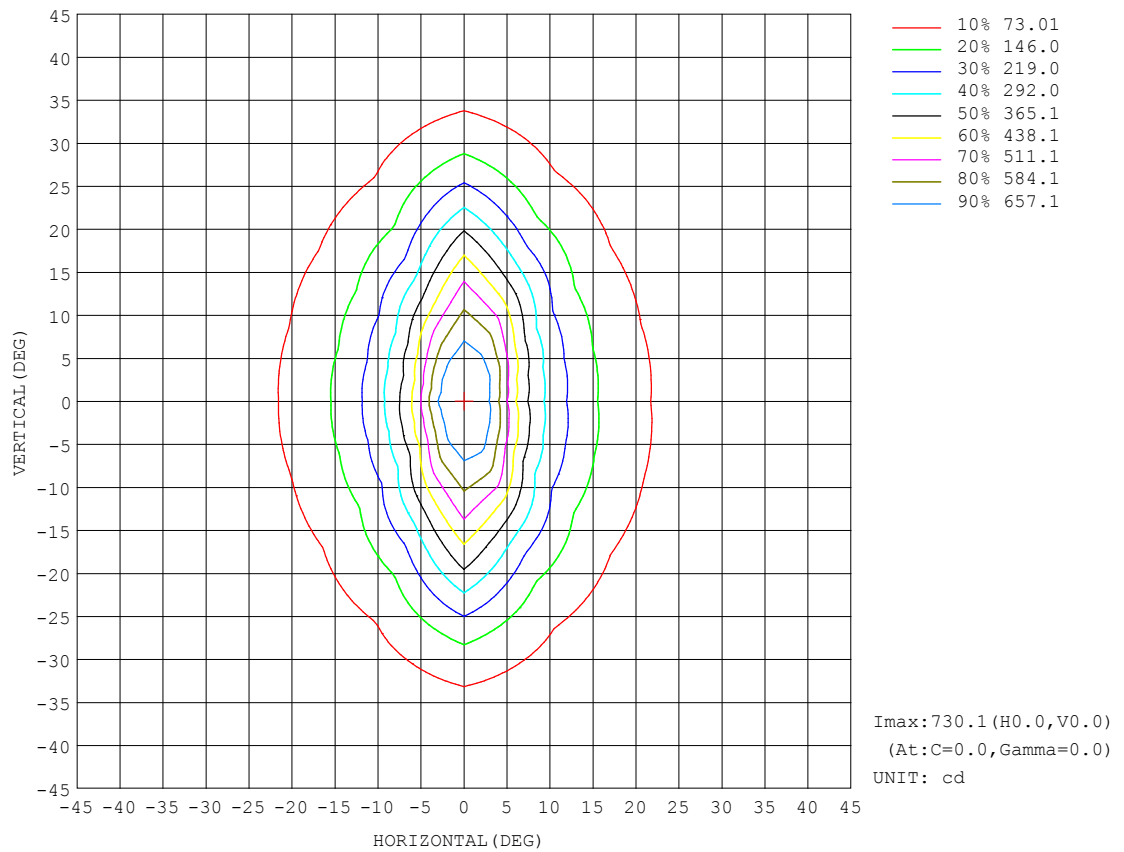
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	76	85	79	76	84	79	75	72
0.80	93	87	84	93	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	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: Red

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.4114A P:9.874W PF:1.000 Lamp Flux:197.943x1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

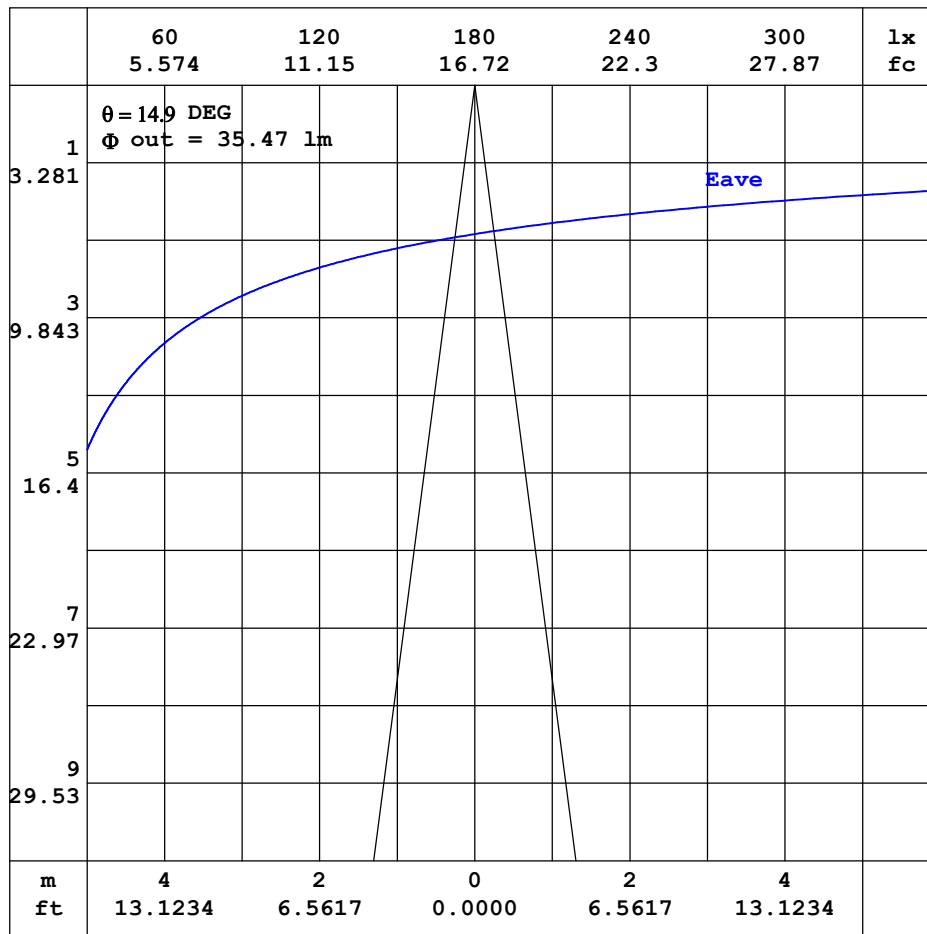


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

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: Red

AAI CURVES

Test:U:24.00V I:0.4114A P:9.874W PF:1.000 Lamp Flux:197.943x1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



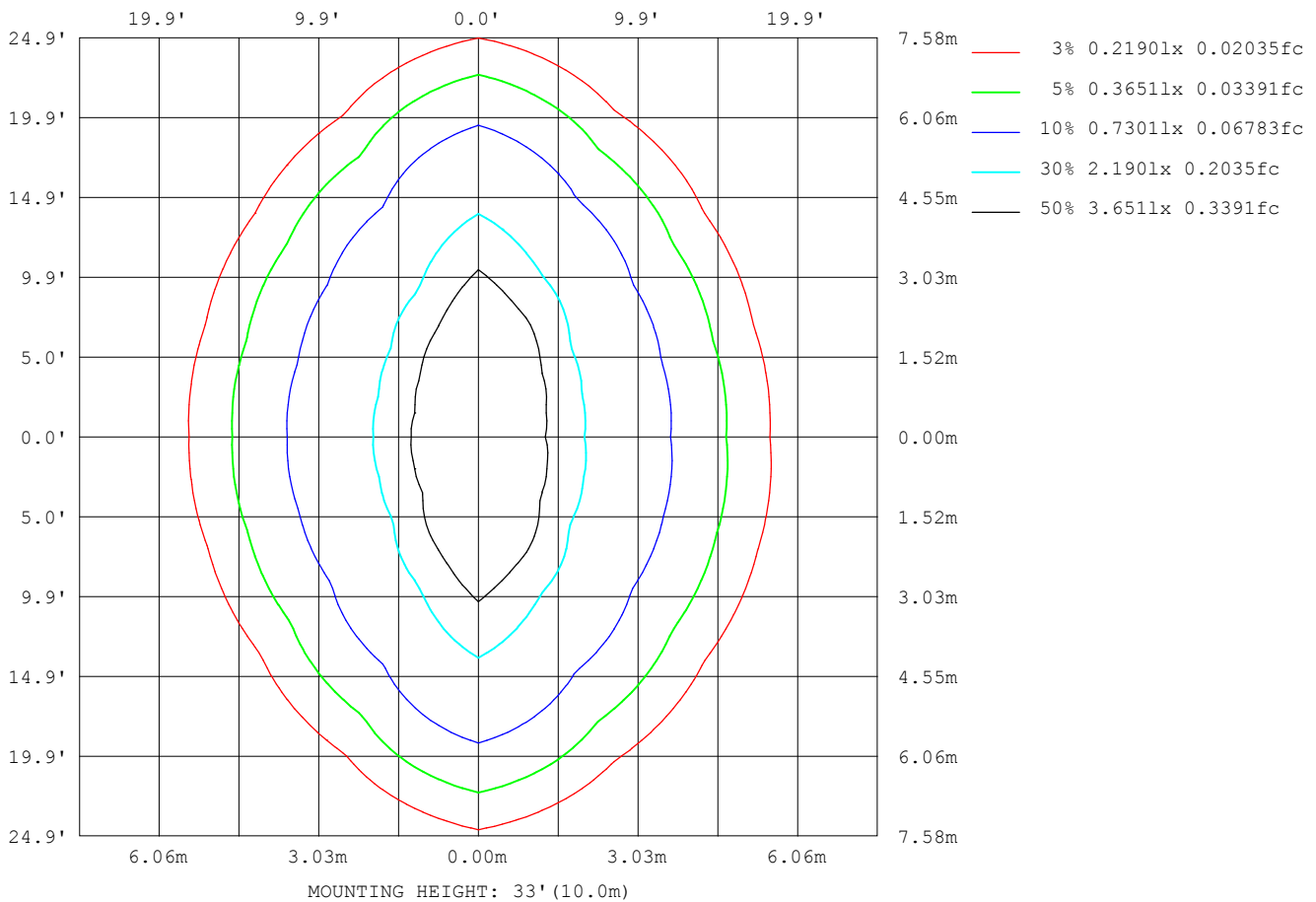
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: Red

ISOLUX DIAGRAM

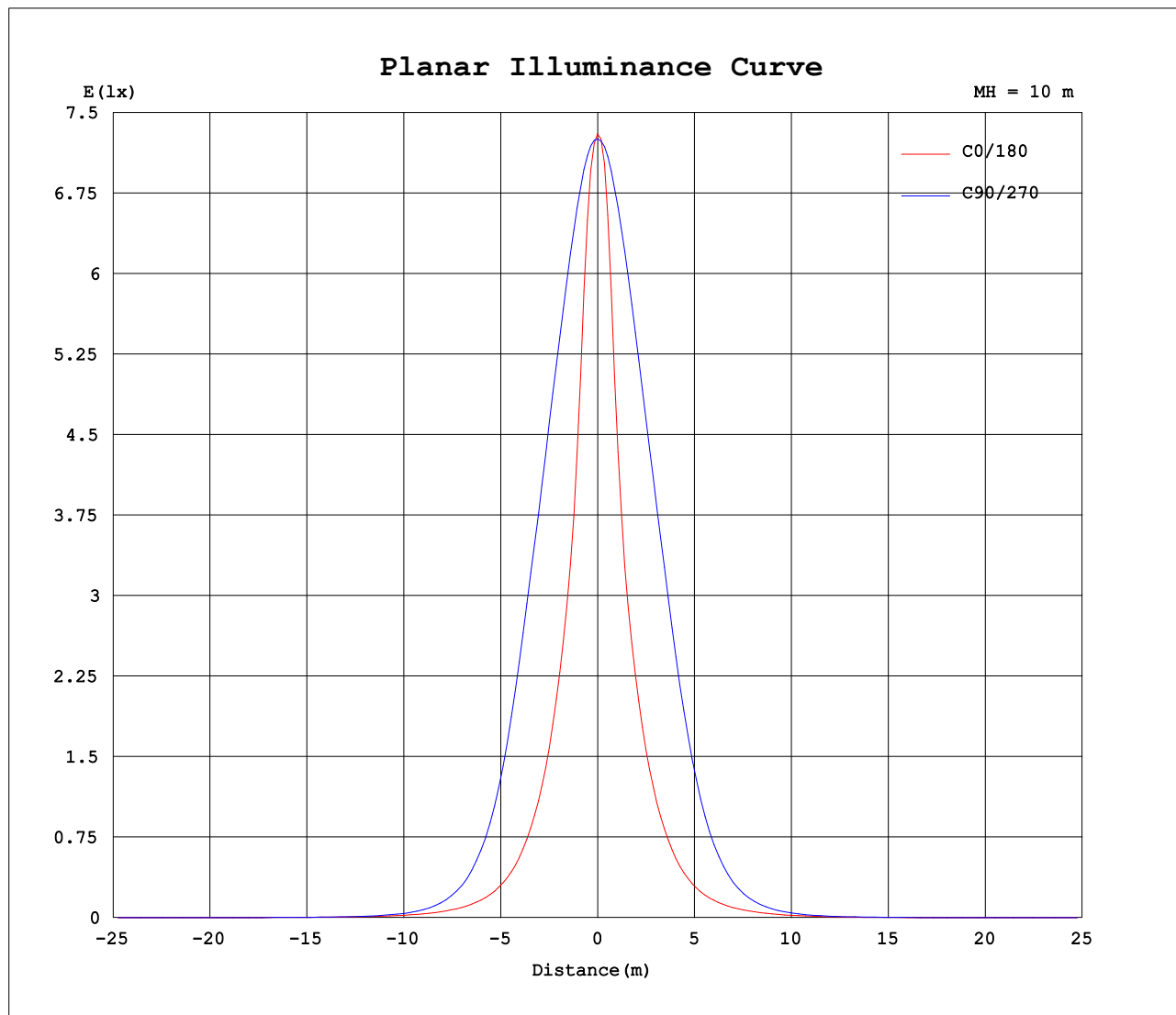
Test:U:24.00V I:0.4114A P:9.874W PF:1.000 Lamp Flux:197.943x1 lm		
NAME: AW01-24V-3030-18-RGBW(4000K)-1540-A-1000	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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: Red

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: Red

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4114A P:9.874W PF:1.000 Lamp Flux:197.943x1 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	730	729	728	726	725	724	724	724	730	729	728	726	725	724	724	724			
5	512	555	619	685	688	656	571	517	511	518	586	653	687	674	626	549			
10	270	291	352	534	594	477	319	274	268	278	332	471	598	527	367	289			
15	155	171	206	338	479	300	188	158	154	160	198	298	486	347	210	166			
20	88.5	99.0	120	196	353	176	108	91.0	87.4	92.1	116	178	359	204	122	95.2			
25	50.3	56.7	68.6	109	219	99.5	61.4	51.5	49.3	52.4	66.7	102	228	113	69.3	54.0			
30	29.3	32.8	39.5	59.6	116	54.7	35.2	29.5	28.6	30.3	38.6	56.8	124	61.3	39.6	31.1			
35	17.6	19.5	23.0	32.6	54.9	30.1	20.5	17.6	17.2	18.2	22.6	31.6	60.0	33.2	23.1	18.7			
40	10.8	11.8	13.5	18.0	25.1	16.7	12.3	10.8	10.7	11.1	13.3	17.3	27.6	18.1	13.8	11.5			
45	6.70	7.17	8.02	9.80	11.6	9.16	7.32	6.54	6.37	6.63	7.79	9.42	12.6	10.0	8.24	7.04			
50	4.24	4.44	4.89	5.44	5.66	5.13	4.51	4.08	3.80	4.01	4.50	5.07	5.93	5.35	4.85	4.28			
55	2.94	2.95	3.07	3.16	3.24	3.04	2.90	2.76	2.39	2.46	2.57	2.74	2.97	2.93	2.84	2.67			
60	2.03	1.95	1.92	1.94	2.04	1.89	1.81	1.82	1.35	1.36	1.30	1.40	1.59	1.57	1.52	1.55			
65	1.46	1.36	1.35	1.36	1.49	1.34	1.32	1.31	0.70	0.73	0.60	0.75	0.81	0.80	0.66	0.78			
70	1.13	1.04	1.12	1.08	1.16	1.04	1.08	1.00	0.29	0.34	0.27	0.42	0.43	0.42	0.31	0.37			
75	0.91	0.90	0.97	0.85	0.93	0.90	1.01	0.89	0.14	0.12	0.14	0.16	0.23	0.17	0.11	0.13			
80	0.90	0.85	0.90	0.83	0.94	0.88	0.94	0.86	0.12	0.11	0.13	0.15	0.17	0.16	0.13	0.13			
85	0.88	0.81	0.85	0.82	1.15	0.85	0.90	0.84	0.13	0.11	0.16	0.15	0.44	0.17	0.16	0.13			
90	0.84	0.75	0.82	0.79	0.85	0.82	0.86	0.80	0.17	0.14	0.20	0.16	0.23	0.18	0.19	0.13			
95	0.77	0.72	0.79	0.79	0.83	0.78	0.82	0.72	0.22	0.17	0.25	0.21	0.28	0.21	0.24	0.16			
100	0.73	0.72	0.78	0.79	0.80	0.78	0.77	0.70	0.27	0.22	0.31	0.27	0.34	0.26	0.30	0.22			
105	0.72	0.72	0.76	0.79	0.79	0.77	0.73	0.70	0.34	0.28	0.37	0.35	0.43	0.34	0.37	0.26			
110	0.71	0.72	0.77	0.80	0.80	0.78	0.72	0.70	0.40	0.36	0.47	0.48	0.54	0.46	0.46	0.34			
115	0.70	0.72	0.78	0.84	0.83	0.82	0.73	0.71	0.50	0.48	0.60	0.60	0.66	0.58	0.58	0.45			
120	0.70	0.76	0.79	0.92	0.89	0.90	0.78	0.76	0.63	0.61	0.76	0.73	0.81	0.72	0.73	0.60			
125	0.75	0.86	0.90	1.04	0.99	1.02	0.91	0.88	0.82	0.82	0.95	0.90	0.98	0.90	0.90	0.79			
130	0.91	1.02	1.05	1.19	1.14	1.19	1.08	1.05	1.11	1.07	1.13	1.07	1.14	1.07	1.10	1.02			
135	1.19	1.26	1.27	1.37	1.31	1.38	1.29	1.30	1.37	1.29	1.31	1.25	1.29	1.23	1.29	1.26			
140	1.48	1.51	1.47	1.55	1.47	1.57	1.52	1.55	1.54	1.44	1.46	1.38	1.43	1.38	1.45	1.42			
145	1.72	1.76	1.70	1.73	1.66	1.76	1.75	1.80	1.63	1.57	1.60	1.52	1.54	1.50	1.58	1.53			
150	1.94	1.99	1.88	1.88	1.76	1.92	1.91	2.01	1.70	1.68	1.71	1.65	1.62	1.59	1.67	1.63			
155	2.15	2.15	2.00	1.95	1.87	2.02	2.06	2.18	1.75	1.72	1.80	1.71	1.67	1.65	1.68	1.68			
160	2.23	2.16	2.06	1.94	1.90	2.05	2.14	2.24	1.76	1.76	1.85	1.77	1.71	1.67	1.68	1.70			
165	2.23	2.15	2.05	1.94	1.91	2.06	2.15	2.21	1.76	1.81	1.87	1.80	1.74	1.69	1.69	1.69			
170	2.17	2.05	2.00	1.92	1.92	2.00	2.13	2.11	1.76	1.82	1.87	1.82	1.79	1.70	1.70	1.69			
175	1.98	1.86	1.94	1.91	1.92	1.94	2.00	1.94	1.76	1.82	1.88	1.88	1.87	1.77	1.73	1.67			
180	1.79	1.78	1.91	1.90	1.92	1.92	1.88	1.79	1.76	1.82	1.88	1.90	1.90	1.87	1.85	1.76			

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: Red

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	730.1	729.0	727.9	726.3	725.4	724.4	723.7	723.6	730.1	729.0
3.0	653.1	676.6	694.1	713.8	712.8	700.8	669.4	651.3	657.3	650.8
6.0	441.7	488.2	564.4	662.2	672.6	625.4	511.3	448.7	441.1	446.8
9.0	302.0	326.8	395.9	571.6	615.8	516.0	356.3	305.4	299.3	311.9
12.0	217.3	237.8	281.2	450.9	550.0	402.7	256.9	220.3	214.7	222.4
15.0	154.9	171.1	206.2	338.1	479.2	299.6	187.6	157.8	153.7	160.3
18.0	111.1	123.8	147.9	243.4	404.8	219.2	134.3	114.2	109.6	114.9
21.0	79.12	88.02	107.0	175.1	326.2	157.8	96.02	80.59	77.86	81.93
24.0	56.28	63.49	76.83	122.4	245.6	111.5	68.85	57.65	55.16	58.99
27.0	40.33	44.96	55.09	85.29	171.5	78.15	49.18	40.61	39.38	42.01
30.0	29.26	32.76	39.48	59.56	115.5	54.66	35.16	29.52	28.57	30.33
33.0	21.45	23.89	28.62	41.51	74.92	38.19	25.49	21.54	21.02	22.48
36.0	16.00	17.59	20.69	28.98	47.14	26.70	18.54	15.91	15.63	16.53
39.0	11.98	13.07	15.05	20.33	29.42	18.83	13.60	11.93	11.74	12.32
42.0	8.937	9.696	10.99	14.09	18.43	13.11	9.956	8.860	8.695	9.079
45.0	6.701	7.169	8.015	9.802	11.60	9.165	7.316	6.538	6.368	6.633
48.0	5.055	5.353	5.929	6.885	7.434	6.470	5.435	4.902	4.666	4.861
51.0	3.905	4.078	4.442	4.853	4.974	4.600	4.110	3.747	3.451	3.603
54.0	3.139	3.194	3.368	3.501	3.550	3.356	3.157	2.966	2.616	2.711
57.0	2.578	2.539	2.567	2.616	2.681	2.520	2.428	2.382	1.978	1.988
60.0	2.030	1.949	1.922	1.937	2.037	1.889	1.814	1.816	1.352	1.356
63.0	1.620	1.498	1.482	1.486	1.632	1.474	1.440	1.444	0.8896	0.8918
66.0	1.391	1.288	1.295	1.294	1.433	1.294	1.271	1.239	0.6131	0.6388
69.0	1.193	1.101	1.168	1.125	1.229	1.101	1.138	1.059	0.3664	0.4158
72.0	1.012	0.9327	1.024	0.9267	1.030	0.9388	1.023	0.9148	0.1562	0.2111
75.0	0.9091	0.9039	0.9692	0.8487	0.9332	0.8969	1.005	0.8857	0.1405	0.1205
78.0	0.9045	0.8727	0.9213	0.8367	0.9290	0.8969	0.9452	0.8707	0.1248	0.1144
81.0	0.8999	0.8487	0.8910	0.8246	0.9408	0.8848	0.9271	0.8580	0.1222	0.1144
84.0	0.8909	0.8066	0.8669	0.8206	1.166	0.8667	0.9089	0.8464	0.1324	0.1144
87.0	0.8668	0.8003	0.8428	0.8145	0.8853	0.8426	0.8850	0.8221	0.1445	0.1203
90.0	0.8367	0.7463	0.8247	0.7885	0.8548	0.8205	0.8610	0.7968	0.1746	0.1384
93.0	0.8007	0.7220	0.8066	0.7885	0.8427	0.7965	0.8368	0.7463	0.1988	0.1565
96.0	0.7645	0.7213	0.7886	0.7885	0.8247	0.7811	0.8067	0.7162	0.2289	0.1745
99.0	0.7405	0.7205	0.7816	0.7886	0.8066	0.7771	0.7766	0.6982	0.2590	0.2166
102.0	0.7272	0.7198	0.7713	0.7886	0.7988	0.7731	0.7585	0.6967	0.2951	0.2466
105.0	0.7211	0.7191	0.7620	0.7886	0.7937	0.7748	0.7285	0.6952	0.3373	0.2768
108.0	0.7174	0.7183	0.7601	0.7886	0.7941	0.7765	0.7180	0.6937	0.3794	0.3309
111.0	0.7115	0.7176	0.7686	0.8006	0.7973	0.7885	0.7228	0.6976	0.4275	0.3850
114.0	0.7043	0.7168	0.7772	0.8307	0.8170	0.8127	0.7277	0.7065	0.4758	0.4571
117.0	0.6998	0.7224	0.7858	0.8610	0.8450	0.8489	0.7325	0.7165	0.5361	0.5296
120.0	0.7020	0.7585	0.7943	0.9151	0.8906	0.9030	0.7821	0.7646	0.6263	0.6076
123.0	0.7042	0.8128	0.8364	0.9754	0.9387	0.9633	0.8543	0.8188	0.7288	0.7340
126.0	0.7941	0.8911	0.9147	1.066	1.017	1.048	0.9327	0.9152	0.8734	0.8843
129.0	0.8842	0.9815	1.017	1.150	1.107	1.150	1.035	1.018	1.042	1.011
132.0	1.005	1.102	1.125	1.258	1.203	1.258	1.179	1.156	1.228	1.173
135.0	1.185	1.258	1.269	1.373	1.306	1.379	1.294	1.301	1.373	1.294
138.0	1.366	1.409	1.378	1.481	1.414	1.505	1.426	1.445	1.475	1.384
141.0	1.552	1.566	1.516	1.595	1.510	1.619	1.559	1.608	1.553	1.468
144.0	1.679	1.722	1.667	1.698	1.625	1.728	1.703	1.746	1.619	1.547
147.0	1.811	1.860	1.775	1.806	1.697	1.830	1.817	1.896	1.661	1.619
150.0	1.944	1.987	1.884	1.884	1.763	1.920	1.908	2.011	1.698	1.679
153.0	2.052	2.083	1.956	1.950	1.818	1.986	2.022	2.125	1.734	1.691
156.0	2.161	2.150	2.034	1.948	1.866	2.041	2.082	2.197	1.752	1.727
159.0	2.226	2.154	2.063	1.945	1.896	2.050	2.113	2.239	1.755	1.764
162.0	2.241	2.158	2.057	1.942	1.909	2.059	2.149	2.239	1.757	1.794
165.0	2.228	2.149	2.052	1.939	1.913	2.058	2.148	2.215	1.759	1.806
168.0	2.215	2.088	2.047	1.924	1.915	2.010	2.138	2.149	1.761	1.817
171.0	2.131	2.004	1.987	1.916	1.917	1.974	2.107	2.088	1.763	1.820
174.0	2.023	1.884	1.950	1.909	1.918	1.956	2.035	1.962	1.760	1.822
177.0	1.885	1.794	1.926	1.902	1.920	1.920	1.963	1.866	1.758	1.824
180.0	1.788	1.782	1.908	1.902	1.920	1.920	1.878	1.794	1.758	1.824
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	727.9	726.3	725.4	724.4	723.7	723.6				
3.0	679.6	697.0	712.2	707.9	695.2	667.6				
6.0	529.1	621.4	673.0	649.9	576.4	477.4				
9.0	375.9	511.4	619.2	561.9	411.0	324.4				
12.0	269.4	393.1	554.5	454.4	289.8	233.6				
15.0	197.7	297.7	485.7	346.6	210.2	166.3				
18.0	143.5	218.1	411.5	256.6	151.6	119.4				
21.0	103.6	158.4	331.9	183.7	108.6	85.03				
24.0	74.37	114.0	253.2	127.2	77.48	60.29				
27.0	53.43	80.56	181.7	89.80	55.23	43.25				
30.0	38.56	56.79	124.1	61.35	39.60	31.07				

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

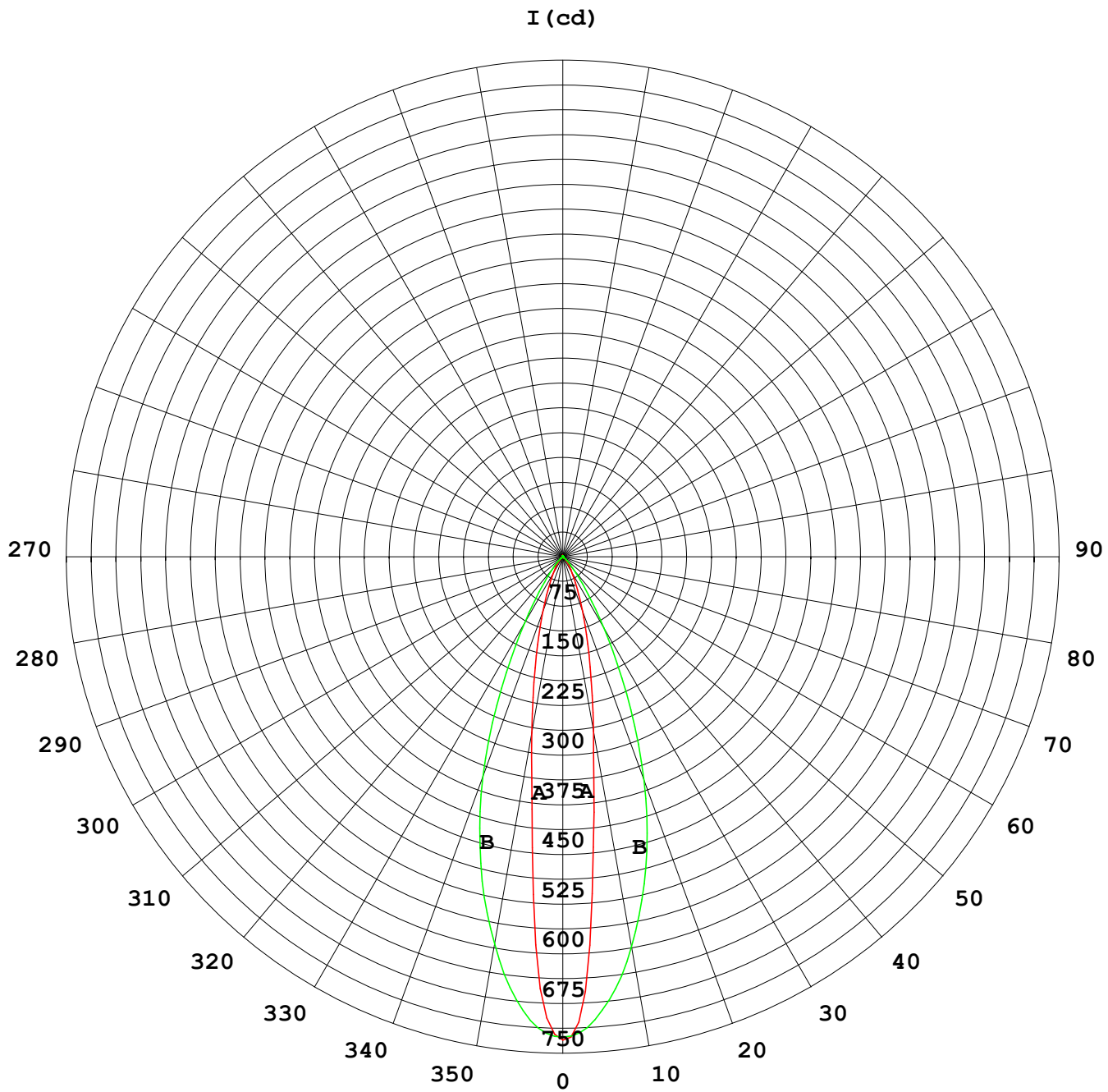
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks: Red

Photometric Data Table [cd]

33.0	27.92	40.27	81.42	42.67	28.63	22.73
36.0	20.35	28.04	51.41	29.48	20.86	16.94
39.0	14.79	19.64	32.15	20.61	15.31	12.71
42.0	10.79	13.77	20.16	14.34	11.31	9.441
45.0	7.786	9.424	12.64	10.04	8.243	7.043
48.0	5.597	6.502	7.993	6.875	6.012	5.211
51.0	4.034	4.502	5.132	4.731	4.376	3.886
54.0	2.886	3.091	3.385	3.308	3.151	2.934
57.0	2.020	2.115	2.326	2.302	2.254	2.211
60.0	1.298	1.404	1.587	1.573	1.520	1.555
63.0	0.7814	0.9220	1.034	1.025	0.9013	1.007
66.0	0.5411	0.6689	0.7396	0.7170	0.5711	0.6870
69.0	0.3423	0.4760	0.5107	0.4882	0.3605	0.4400
72.0	0.1564	0.2535	0.2641	0.2777	0.1740	0.2414
75.0	0.1384	0.1627	0.2283	0.1688	0.1144	0.1266
78.0	0.1205	0.1556	0.1924	0.1540	0.1216	0.1279
81.0	0.1385	0.1542	0.1688	0.1590	0.1325	0.1292
84.0	0.1506	0.1528	0.4275	0.1643	0.1506	0.1305
87.0	0.1747	0.1514	0.2047	0.1697	0.1686	0.1318
90.0	0.1987	0.1565	0.2288	0.1751	0.1927	0.1324
93.0	0.2288	0.1865	0.2529	0.1805	0.2169	0.1504
96.0	0.2589	0.2154	0.2770	0.2166	0.2589	0.1625
99.0	0.2832	0.2526	0.3312	0.2467	0.2890	0.2176
102.0	0.3313	0.3187	0.3793	0.3067	0.3252	0.2394
105.0	0.3735	0.3490	0.4337	0.3429	0.3734	0.2648
108.0	0.4336	0.4331	0.4879	0.4152	0.4276	0.3190
111.0	0.4938	0.5113	0.5660	0.4813	0.4818	0.3550
114.0	0.5721	0.5597	0.6382	0.5475	0.5540	0.4153
117.0	0.6565	0.6378	0.7167	0.6197	0.6325	0.5172
120.0	0.7587	0.7341	0.8070	0.7162	0.7286	0.5956
123.0	0.8611	0.8483	0.9092	0.8244	0.8251	0.6979
126.0	0.9696	0.9387	1.012	0.9267	0.9454	0.8303
129.0	1.090	1.041	1.090	1.023	1.066	0.9865
132.0	1.198	1.143	1.204	1.131	1.180	1.113
135.0	1.313	1.246	1.294	1.234	1.294	1.264
138.0	1.409	1.324	1.373	1.318	1.391	1.372
141.0	1.499	1.414	1.439	1.408	1.481	1.450
144.0	1.583	1.493	1.529	1.481	1.559	1.505
147.0	1.644	1.565	1.571	1.553	1.625	1.571
150.0	1.710	1.649	1.619	1.589	1.674	1.625
153.0	1.758	1.679	1.655	1.643	1.677	1.666
156.0	1.812	1.721	1.679	1.655	1.680	1.680
159.0	1.848	1.758	1.704	1.673	1.683	1.693
162.0	1.862	1.776	1.728	1.687	1.687	1.696
165.0	1.866	1.800	1.740	1.693	1.690	1.695
168.0	1.870	1.818	1.782	1.699	1.693	1.694
171.0	1.875	1.824	1.812	1.705	1.696	1.692
174.0	1.879	1.860	1.848	1.715	1.716	1.673
177.0	1.884	1.872	1.896	1.788	1.788	1.673
180.0	1.878	1.902	1.902	1.872	1.854	1.764

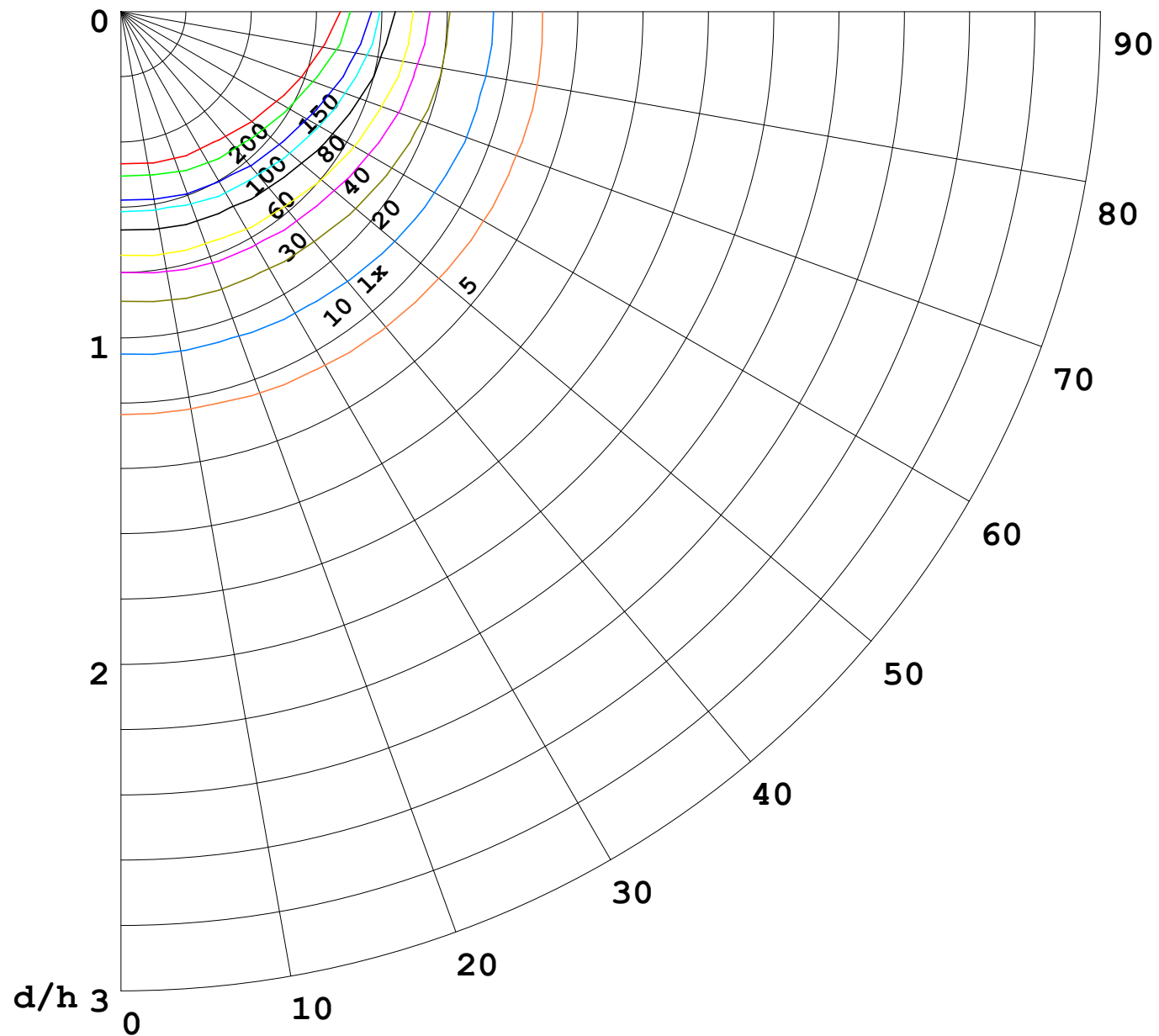
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-29

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: Red



1000 lm

$K = 1$



	Pcc	Pw	Pfc
————	70	50	30
————	50	30	20

