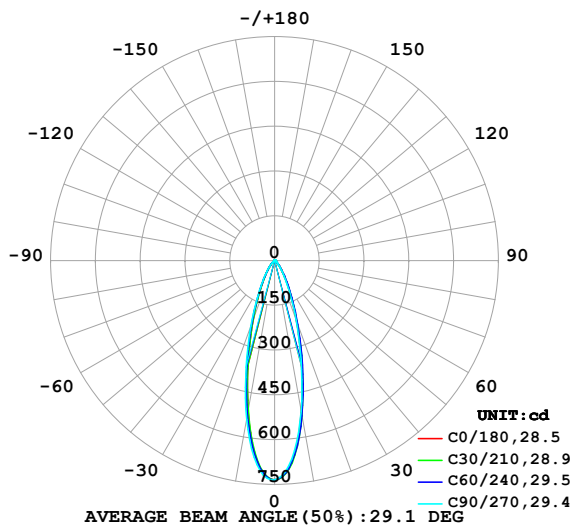


## LUMINAIRE PHOTOMETRIC TEST REPORT

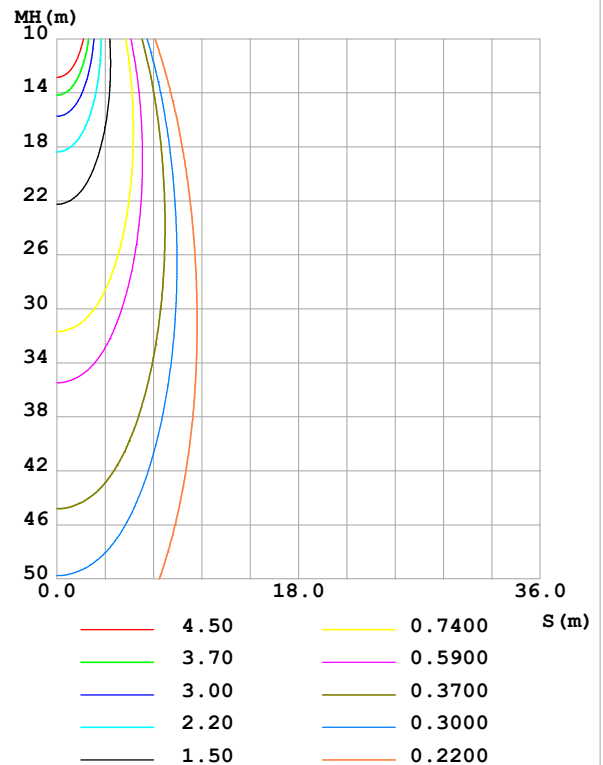
Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm		
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-EYPE:		WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: Olym pia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 16.63 lm/W			
MODEL	3030	Imax (cd)	736.8	S/MH(C0/180)	0.47
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.50
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	277.63	$\eta$ UP,DN(C0-180)	2.0,47.0
NOMINAL FLUX(lm)	277.629	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.8,49.1
LAMPS INSIDE	1	$\eta$ up (%)	3.9	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)		$\eta$ down (%)	96.1	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	516.2	528.4	513.2	489.4	512.2	518.7	539.7	547.1	0- 10	59.38	59.38	21.4,21.4
20	214.8	224.2	212.0	196.3	212.6	218.1	233.5	235.9	10- 20	96.78	156.2	56.2,56.2
30	77.41	79.82	73.62	68.72	76.14	74.98	81.10	83.26	20- 30	61.00	217.2	78.2,78.2
40	27.61	28.97	26.86	24.81	27.30	26.59	28.61	29.53	30- 40	29.61	246.8	88.9,88.9
50	7.475	8.687	8.567	7.190	7.657	7.796	8.763	8.382	40- 50	12.41	259.2	93.4,93.4
60	1.908	2.317	2.668	2.048	1.961	2.167	2.614	2.137	50- 60	3.855	263.0	94.7,94.7
70	1.185	1.392	1.801	1.256	1.093	1.294	1.593	1.210	60- 70	1.630	264.7	95.3,95.3
80	0.9678	1.097	1.450	1.016	0.8703	1.001	1.263	0.9523	70- 80	1.250	265.9	95.8,95.8
90	0.7795	0.8309	0.9279	0.8109	0.7335	0.7780	0.8519	0.7823	80- 90	1.018	266.9	96.1,96.1
100	0.7762	0.8110	0.8543	0.8215	0.7823	0.8211	0.7933	0.7982	90-100	0.8611	267.8	96.5,96.5
110	0.9530	1.017	1.098	1.053	0.9879	1.038	1.025	0.9873	100-110	0.9493	268.7	96.8,96.8
120	1.429	1.501	1.602	1.572	1.439	1.471	1.442	1.400	110-120	1.220	270.0	97.2,97.2
130	2.168	2.202	2.259	2.291	2.039	2.015	1.957	1.959	120-130	1.604	271.6	97.8,97.8
140	2.893	2.851	2.821	2.937	2.486	2.446	2.366	2.408	130-140	1.854	273.4	98.5,98.5
150	3.276	3.181	3.099	3.253	2.694	2.670	2.571	2.625	140-150	1.765	275.2	99.1,99.1
160	3.268	3.143	3.078	3.229	2.733	2.736	2.609	2.654	150-160	1.363	276.6	99.6,99.6
170	2.951	2.873	2.954	3.001	2.710	2.753	2.681	2.622	160-170	0.8173	277.4	99.9,99.9
180	2.749	2.816	2.907	2.816	2.746	2.816	2.893	2.806	170-180	0.2675	277.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 254.56 lm

%lum = 91.7%

%lamp = 91.7%

Conical surface Flux(130deg): 263.93 lm

%lum = 95.1%

%lamp = 95.1%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2025-04-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
 Humidity:65.0%  
 Test Distance:6.360m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm		
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-#TYPE:	WEIGHT:	
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	261	352
80	144	212
75	106	160
70	89	134
65	85	123
60	98	136
55	155	200
50	300	339
45	552	564

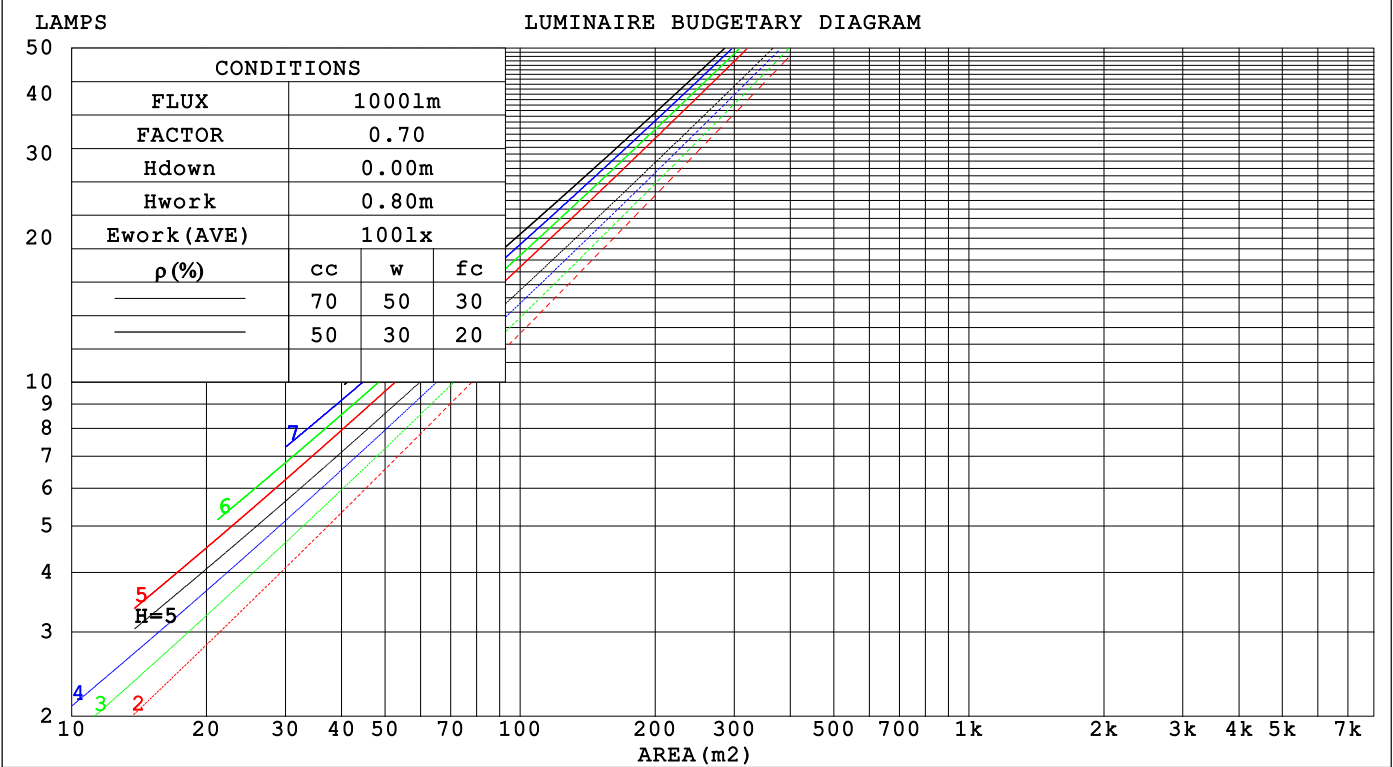
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz		
Lamp Flux:277.629x1 lm		
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-#TYPE:		WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	SUR.:	Shielding 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	.96
1.0	1.10	1.08	1.06	1.08	1.06	1.04	1.03	1.01	.00	.99	.97	.96	.95	.94	.93	.91
2.0	1.03	.00	.96	1.01	.98	.95	.97	.95	.92	.94	.92	.90	.91	.89	.87	.86
3.0	.97	.93	.89	.96	.91	.88	.93	.89	.86	.90	.87	.84	.87	.85	.83	.81
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.86	.82	.80	.83	.81	.78	.77
5.0	.87	.82	.78	.86	.81	.78	.84	.80	.76	.82	.78	.75	.80	.77	.75	.73
6.0	.83	.77	.74	.82	.77	.73	.80	.76	.73	.78	.75	.72	.77	.73	.71	.70
7.0	.79	.74	.70	.78	.73	.70	.77	.72	.69	.75	.71	.68	.74	.70	.68	.66
8.0	.75	.70	.67	.75	.70	.66	.73	.69	.66	.72	.68	.65	.71	.67	.65	.64
9.0	.72	.67	.64	.72	.67	.63	.70	.66	.63	.69	.65	.63	.68	.65	.62	.61
10.0	.69	.64	.61	.69	.64	.61	.68	.63	.60	.67	.63	.60	.66	.62	.60	.59



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm		
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-RTYPE:	WEIGHT:	
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding 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	.170	.097	.031	.162	.092	.029	.147	.085	.027	.134	.077	.025	.121	.070	.023															
2.0	.159	.087	.027	.152	.084	.026	.140	.078	.024	.128	.072	.023	.118	.067	.021															
3.0	.149	.079	.024	.143	.077	.023	.133	.072	.022	.123	.067	.021	.113	.063	.019															
4.0	.141	.073	.021	.136	.071	.021	.126	.067	.020	.117	.063	.019	.109	.059	.018															
5.0	.133	.068	.020	.128	.066	.019	.120	.063	.018	.113	.059	.018	.105	.056	.017															
6.0	.126	.063	.018	.122	.062	.018	.115	.059	.017	.108	.056	.016	.102	.053	.016															
7.0	.120	.059	.017	.116	.058	.016	.110	.055	.016	.104	.053	.015	.098	.051	.015															
8.0	.114	.056	.016	.111	.055	.015	.105	.052	.015	.100	.050	.015	.094	.048	.014															
9.0	.109	.053	.015	.106	.052	.015	.101	.050	.014	.096	.048	.014	.091	.046	.013															
10.0	.104	.050	.014	.102	.049	.014	.097	.047	.013	.092	.046	.013	.088	.044	.013															

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	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.200	.187	.175	.171	.160	.151	.117	.110	.104	.067	.064	.061	.022	.021	.020	
2.0	.184	.162	.144	.158	.140	.124	.108	.097	.087	.062	.056	.051	.020	.018	.017	
3.0	.171	.143	.121	.147	.124	.105	.101	.086	.074	.058	.050	.043	.019	.016	.014	
4.0	.160	.129	.105	.137	.111	.091	.095	.077	.064	.055	.045	.038	.018	.015	.012	
5.0	.151	.117	.092	.130	.101	.080	.089	.071	.056	.052	.041	.033	.017	.014	.011	
6.0	.143	.107	.082	.123	.093	.071	.085	.065	.051	.049	.038	.030	.016	.013	.010	
7.0	.136	.100	.074	.117	.086	.065	.081	.061	.046	.047	.036	.027	.015	.012	.009	
8.0	.130	.093	.068	.112	.081	.060	.077	.057	.042	.045	.034	.025	.015	.011	.008	
9.0	.124	.088	.063	.107	.076	.055	.074	.054	.039	.043	.032	.023	.014	.010	.008	
10.0	.120	.083	.059	.103	.072	.052	.072	.051	.037	.042	.030	.022	.014	.010	.007	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm										
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-TYPE:								WEIGHT:		
SPEC.:				DIM.: Length=1m				SERIAL No.:		
MFR.: OLympia lighting				SUR.:				Shielding 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	8.3	9.1	8.6	9.3	9.5	8.5	9.3	8.8	9.6	9.8
3H	8.2	9.0	8.5	9.2	9.5	8.6	9.3	8.9	9.6	9.9
4H	8.3	9.0	8.6	9.2	9.5	8.7	9.4	9.0	9.7	10.0
6H	8.3	9.0	8.7	9.3	9.6	8.9	9.6	9.3	9.9	10.2
8H	8.4	9.1	8.8	9.4	9.7	9.1	9.8	9.5	10.1	10.4
12H	8.6	9.2	9.0	9.5	9.9	9.4	10.0	9.8	10.3	10.7
4H 2H	8.1	8.8	8.4	9.1	9.4	8.4	9.1	8.7	9.3	9.6
3H	8.1	8.7	8.5	9.1	9.4	8.5	9.1	8.9	9.4	9.8
4H	8.2	8.8	8.6	9.1	9.5	8.7	9.3	9.1	9.6	10.0
6H	8.4	8.9	8.8	9.3	9.7	9.1	9.6	9.5	10.0	10.4
8H	8.6	9.1	9.0	9.5	9.9	9.4	9.9	9.9	10.3	10.7
12H	8.9	9.3	9.3	9.7	10.2	9.9	10.3	10.3	10.7	11.2
8H 4H	8.2	8.7	8.7	9.1	9.5	8.7	9.1	9.1	9.5	10.0
6H	8.5	8.9	9.0	9.4	9.9	9.2	9.6	9.7	10.1	10.6
8H	8.8	9.2	9.3	9.6	10.2	9.7	10.0	10.2	10.5	11.0
12H	9.3	9.6	9.8	10.1	10.6	10.3	10.6	10.9	11.1	11.7
12H 4H	8.2	8.6	8.7	9.1	9.5	8.6	9.1	9.1	9.5	10.0
6H	8.6	8.9	9.1	9.4	9.9	9.3	9.6	9.8	10.1	10.6
8H	8.9	9.2	9.5	9.7	10.3	9.8	10.1	10.3	10.6	11.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.8 / - 2.8					+ 1.4 / - 2.0				
1.5H	+ 3.1 / - 2.7					+ 2.3 / - 2.0				
2.0H	+ 3.2 / - 1.6					+ 2.6 / - 1.1				

CIE Pub.117, 277.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.5)  
Area: 0.0392 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm		
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-TYPE:	WEIGHT:	
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

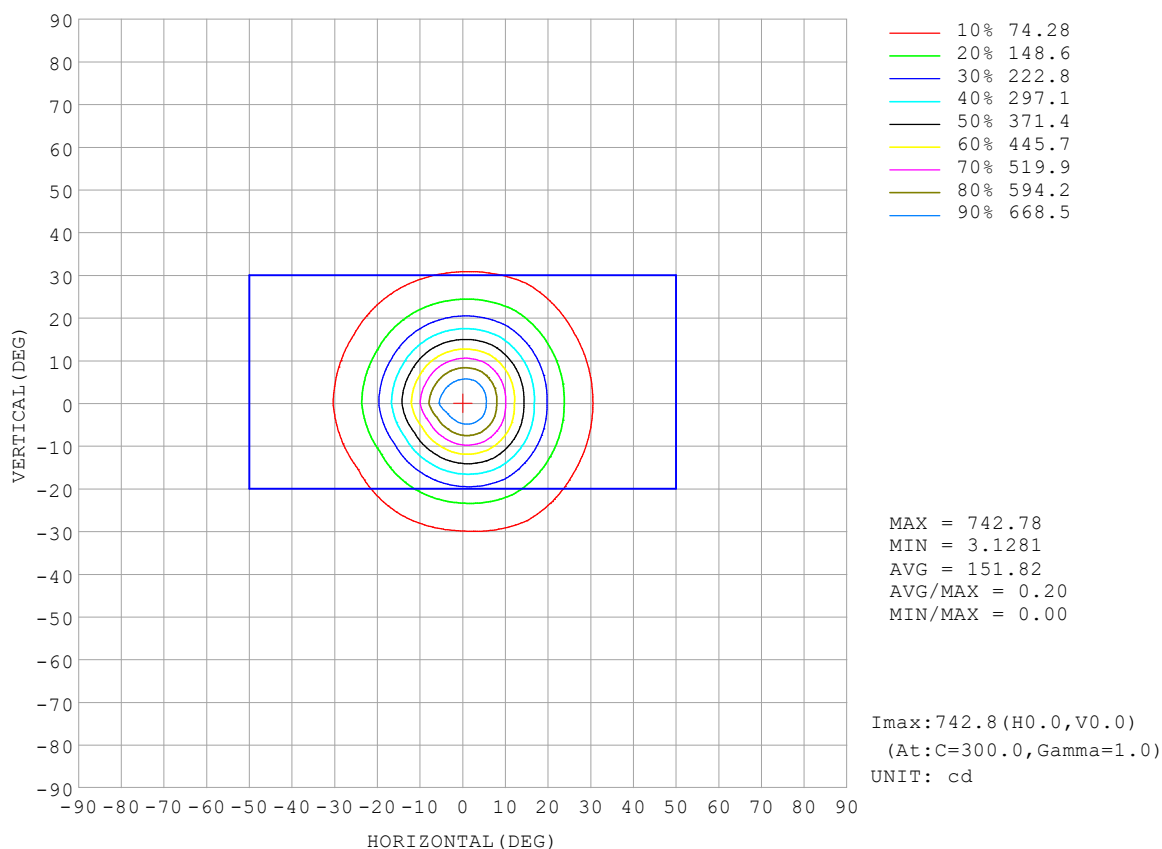
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	77	74	70
0.80	92	86	82	91	86	82	90	85	81	77
1.00	97	91	87	96	90	87	94	90	86	81
1.25	101	95	92	100	95	91	97	93	90	85
1.50	104	99	95	102	98	94	99	96	93	88
2.00	107	102	99	105	101	98	102	98	96	90
2.50	108	104	101	106	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	101	99	92
4.00	112	109	107	110	107	105	106	103	102	93
5.00	114	111	109	111	109	107	106	105	103	94
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: 25.3 °C  
 Operators:  
 Test Date: 2025-04-23

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
 Humidity: 65.0%  
 Test Distance: 6.360m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm		
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-TYPE:	WEIGHT:	
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



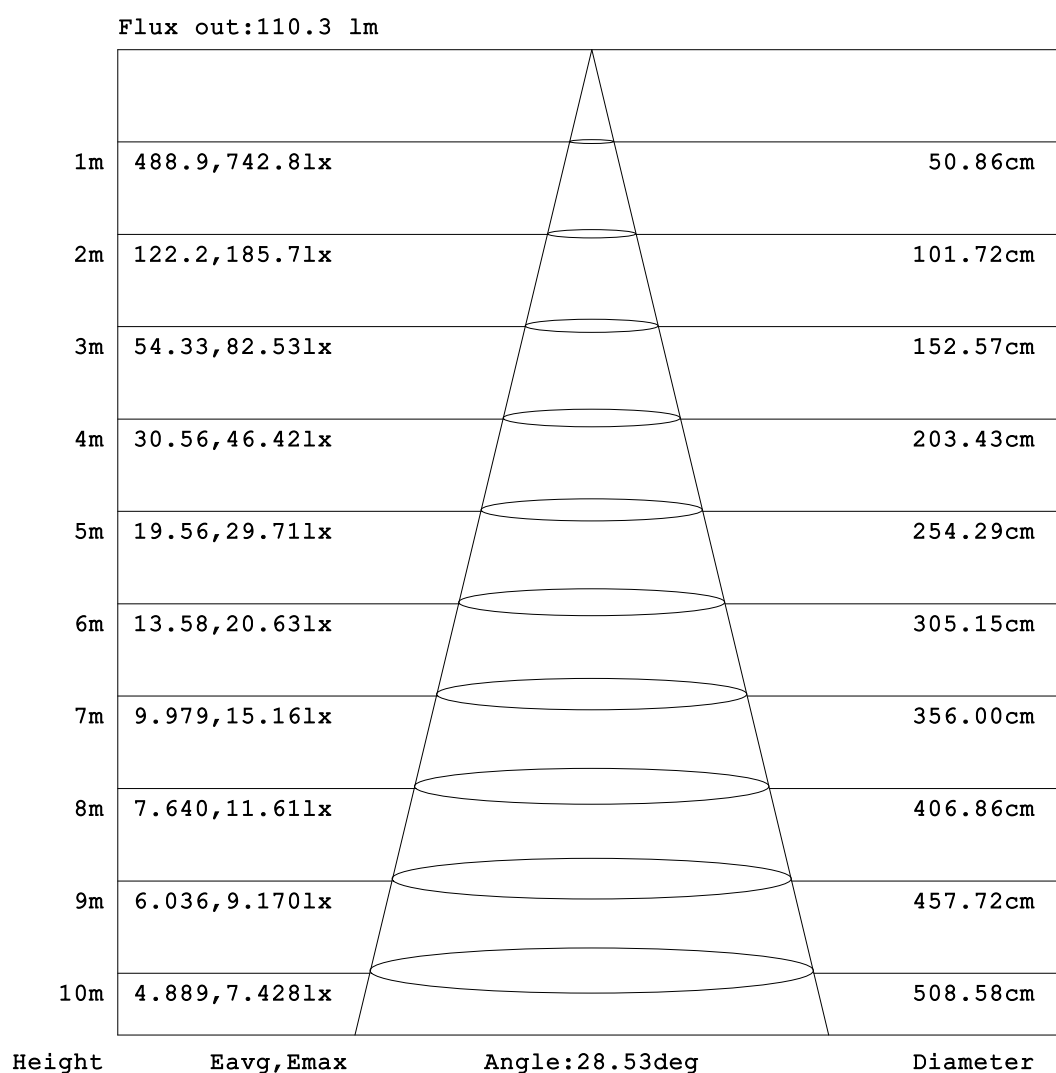
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm		
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-#TYPE:	WEIGHT:	
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



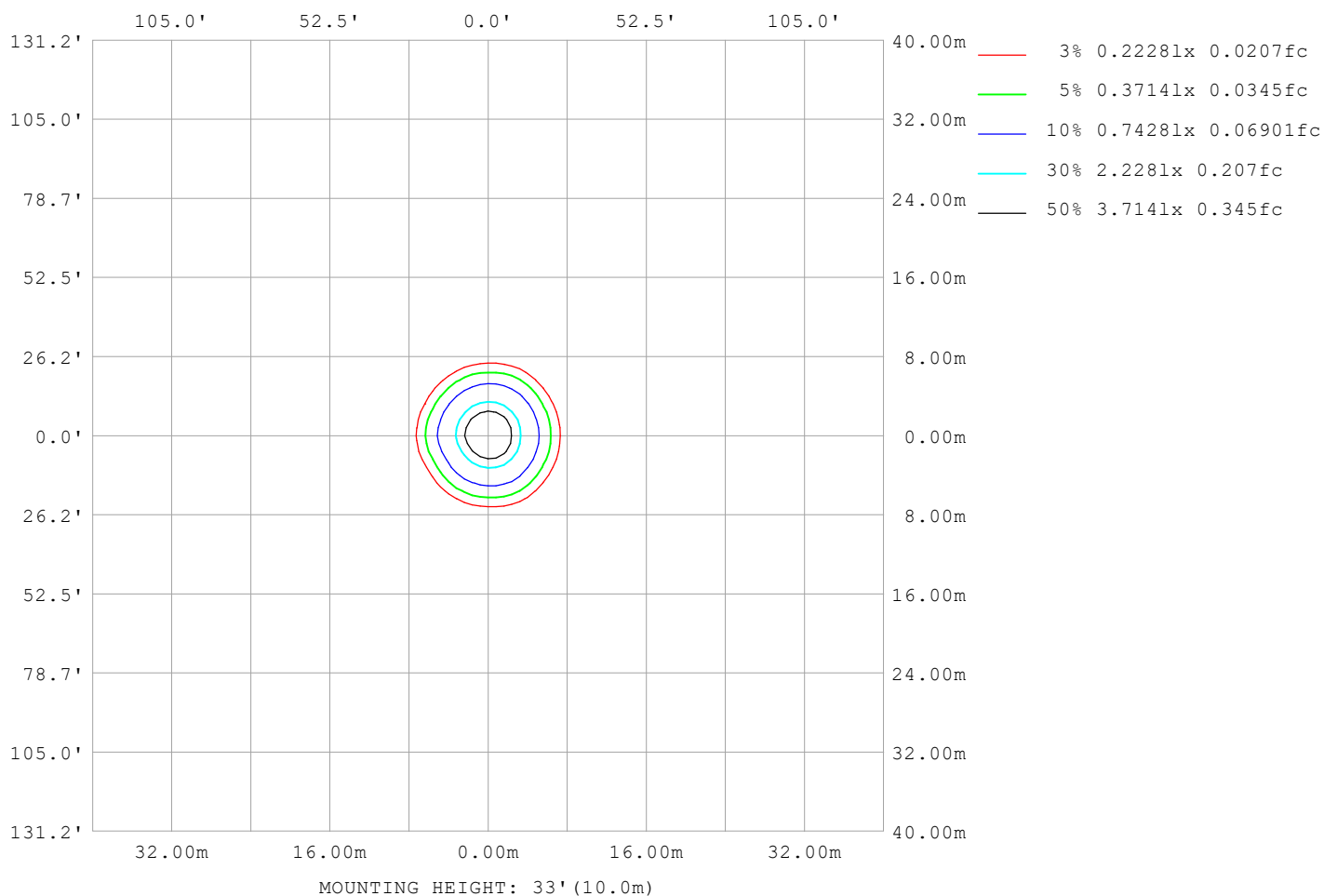
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 2025-04-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity: 65.0%  
Test Distance: 6.360m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm		
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-EYPE:	WEIGHT:	
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm		
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

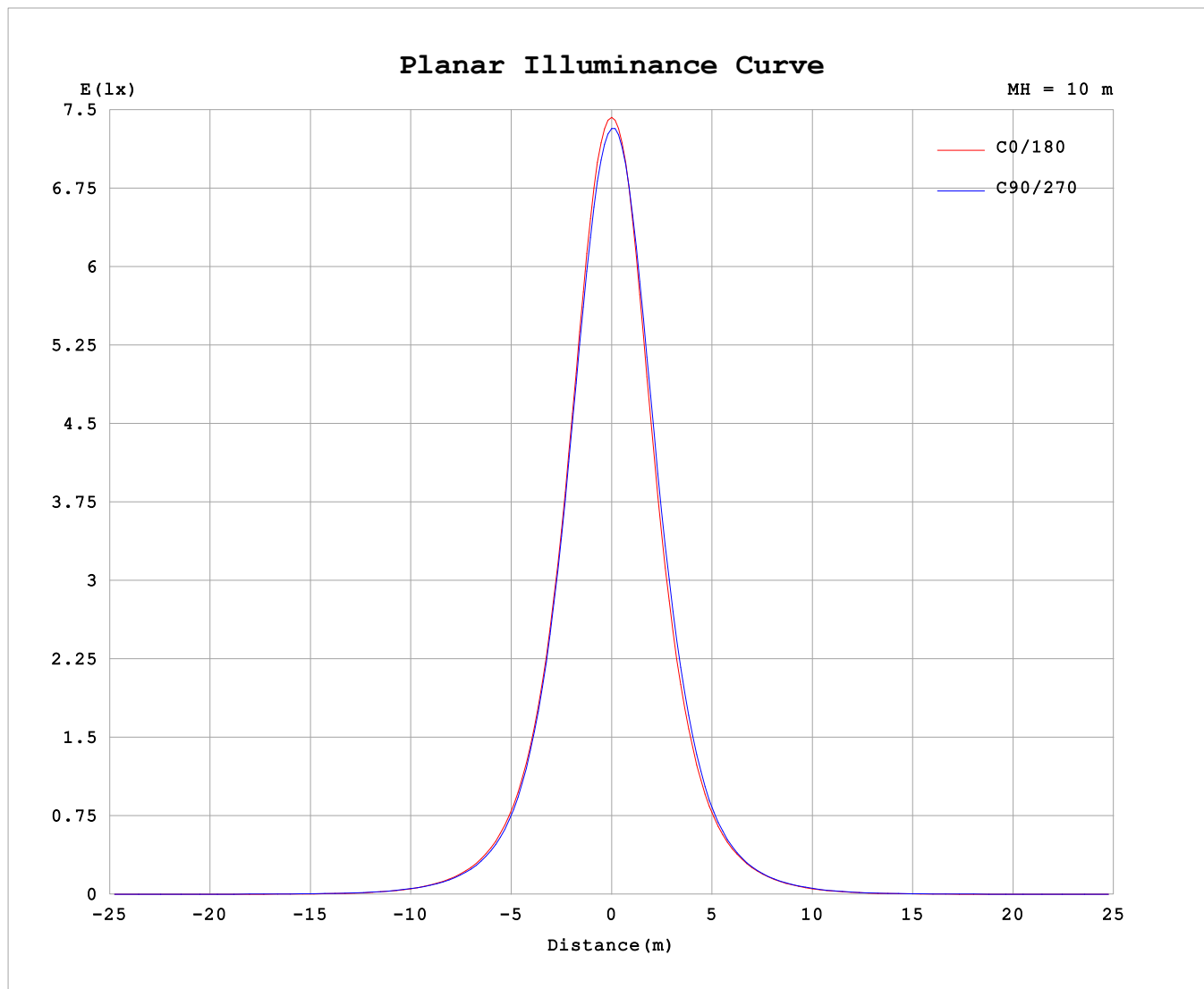
AvgL	cd/m2
L_0~180 (65) av	83
L_0~180 (75) av	99
L_0~180 (85) av	246
L_90~270 (65) av	119
L_90~270 (75) av	150
L_90~270 (85) av	334
L_45 (65) av	92
L_45 (75) av	110
L_45 (85) av	262

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators:  
Test Date: 2025-04-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity: 65.0%  
Test Distance: 6.360m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz Lamp Flux:277.629x1 lm																	
NAME: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000-MYPE:												WEIGHT:					
SPEC.:												DIM.: Length=1m					
MFR.: OLympia lighting												SUR.:					
												SERIAL No.:					
												Shielding Angle:					

Table--1

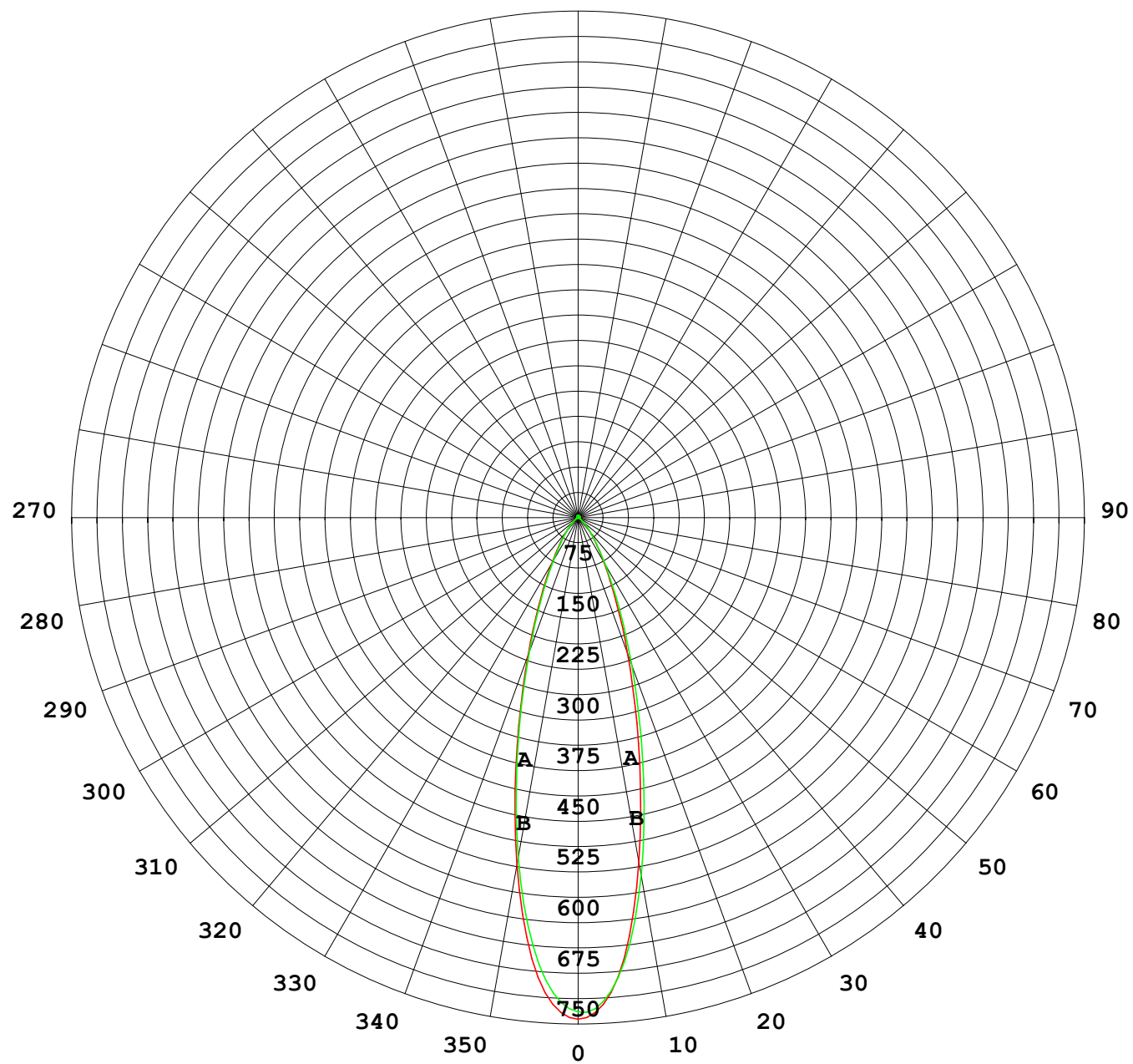
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	735	735	735	735	735	735	735	735	735	735	735	735						
5	675	680	676	667	656	655	675	671	676	686	695	693						
10	516	528	529	513	493	486	512	511	526	540	552	543						
15	346	357	362	344	326	317	343	343	359	371	382	369						
20	215	221	227	212	200	192	213	212	224	234	242	230						
25	130	131	138	125	120	111	128	124	133	139	146	136						
30	77.4	76.8	82.9	73.6	72.0	65.5	76.1	72.5	77.4	81.1	87.2	79.3						
35	46.7	46.3	49.9	44.3	43.4	39.7	46.2	43.3	45.8	48.0	52.1	47.6						
40	27.6	28.0	29.9	26.9	25.8	23.8	27.3	26.0	27.2	28.6	30.4	28.6						
45	15.1	16.0	17.1	15.7	14.5	13.4	15.1	14.6	15.4	16.4	17.0	16.1						
50	7.48	8.31	9.07	8.57	7.50	6.88	7.66	7.52	8.08	8.76	8.62	8.14						
55	3.45	4.00	4.51	4.50	3.76	3.38	3.63	3.65	4.05	4.50	4.19	3.84						
60	1.91	2.14	2.49	2.67	2.20	1.90	1.96	2.02	2.31	2.61	2.28	2.00						
65	1.39	1.51	1.80	2.05	1.62	1.38	1.36	1.45	1.66	1.90	1.58	1.37						
70	1.18	1.26	1.52	1.80	1.35	1.16	1.09	1.21	1.38	1.59	1.30	1.12						
75	1.06	1.11	1.35	1.62	1.20	1.03	0.95	1.06	1.19	1.41	1.12	0.99						
80	0.97	0.98	1.22	1.45	1.09	0.95	0.87	0.95	1.06	1.26	0.99	0.91						
85	0.88	0.86	1.07	1.21	0.96	0.86	0.80	0.86	0.91	1.07	0.88	0.84						
90	0.78	0.79	0.87	0.93	0.83	0.79	0.73	0.78	0.78	0.85	0.80	0.77						
95	0.77	0.77	0.80	0.81	0.81	0.78	0.75	0.77	0.80	0.77	0.78	0.75						
100	0.78	0.81	0.81	0.85	0.83	0.82	0.78	0.79	0.85	0.79	0.82	0.77						
105	0.84	0.88	0.90	0.94	0.91	0.91	0.87	0.87	0.93	0.89	0.90	0.84						
110	0.95	1.01	1.03	1.10	1.07	1.04	0.99	1.00	1.07	1.02	1.03	0.95						
115	1.15	1.21	1.24	1.32	1.30	1.26	1.18	1.19	1.27	1.22	1.21	1.13						
120	1.43	1.48	1.52	1.60	1.59	1.55	1.44	1.44	1.50	1.44	1.43	1.37						
125	1.78	1.83	1.84	1.93	1.93	1.91	1.74	1.73	1.77	1.70	1.70	1.65						
130	2.17	2.21	2.19	2.26	2.28	2.30	2.04	2.01	2.02	1.96	1.96	1.95						
135	2.55	2.58	2.53	2.56	2.61	2.68	2.30	2.26	2.26	2.19	2.21	2.21						
140	2.89	2.90	2.80	2.82	2.89	2.99	2.49	2.45	2.44	2.37	2.41	2.41						
145	3.14	3.12	3.00	3.01	3.09	3.21	2.61	2.58	2.58	2.50	2.55	2.55						
150	3.28	3.25	3.11	3.10	3.19	3.32	2.69	2.67	2.67	2.57	2.62	2.63						
155	3.31	3.26	3.13	3.12	3.21	3.32	2.73	2.72	2.72	2.60	2.62	2.68						
160	3.27	3.20	3.09	3.08	3.19	3.27	2.73	2.74	2.73	2.61	2.62	2.69						
165	3.12	3.04	2.97	3.02	3.11	3.15	2.72	2.74	2.75	2.62	2.61	2.68						
170	2.95	2.86	2.89	2.95	3.01	2.99	2.71	2.74	2.77	2.68	2.62	2.63						
175	2.79	2.78	2.86	2.92	2.93	2.86	2.71	2.73	2.82	2.77	2.71	2.65						
180	2.75	2.77	2.86	2.91	2.85	2.78	2.75	2.76	2.87	2.89	2.86	2.76						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-23

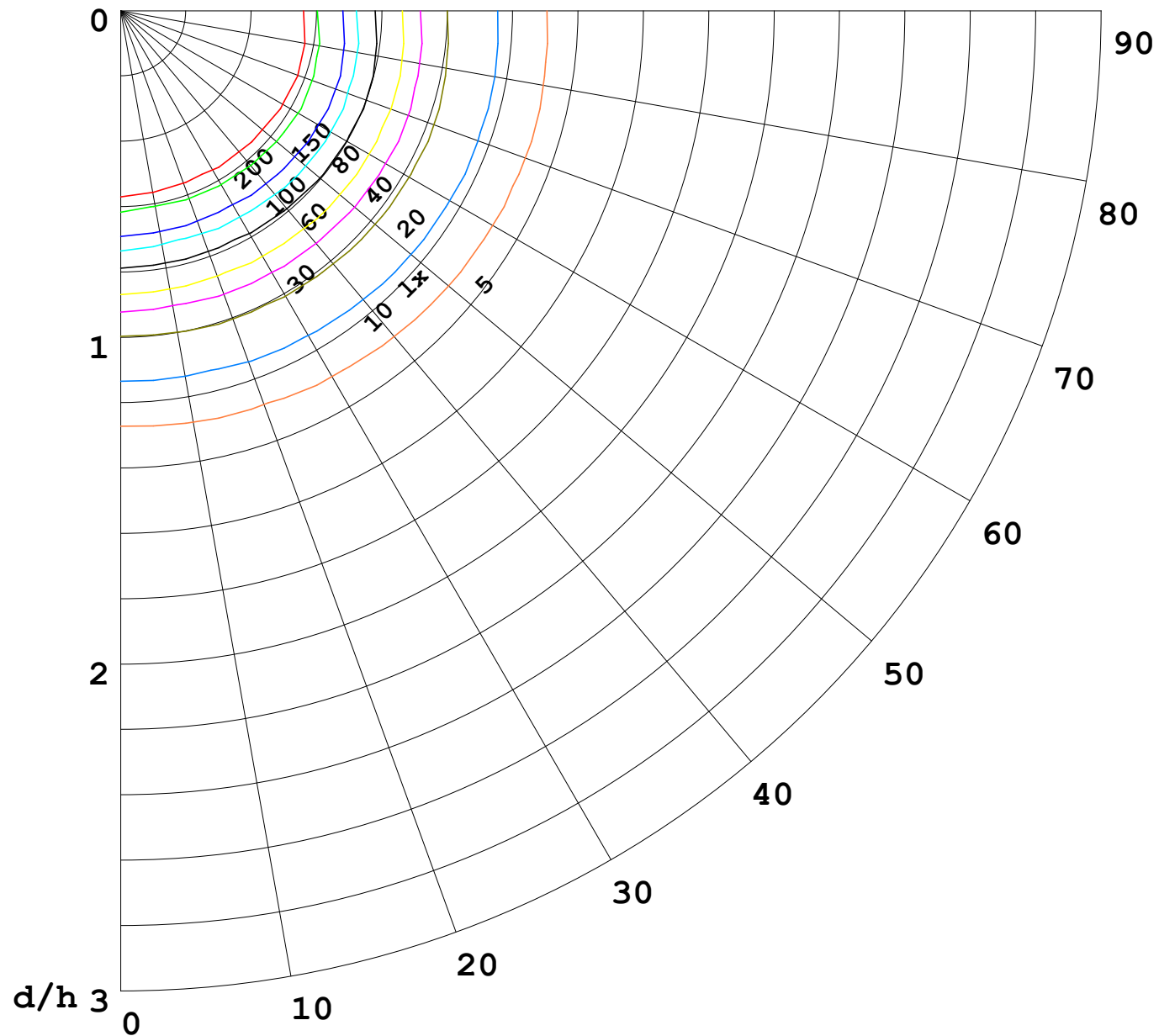
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

I (cd)



1000 lm

$\kappa = 1$



F = 1000 lm  
 K = 0.7  
 Hcc = 0.8 m  
 Hfc = 0.0 m  
 Eave = 100 lx

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

