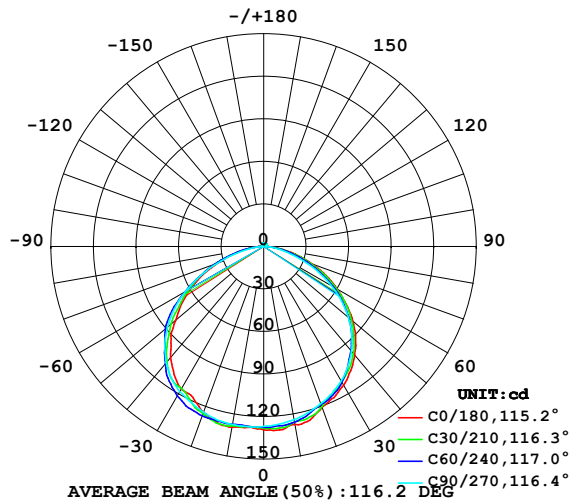


LUMINAIRE PHOTOMETRIC TEST REPORT

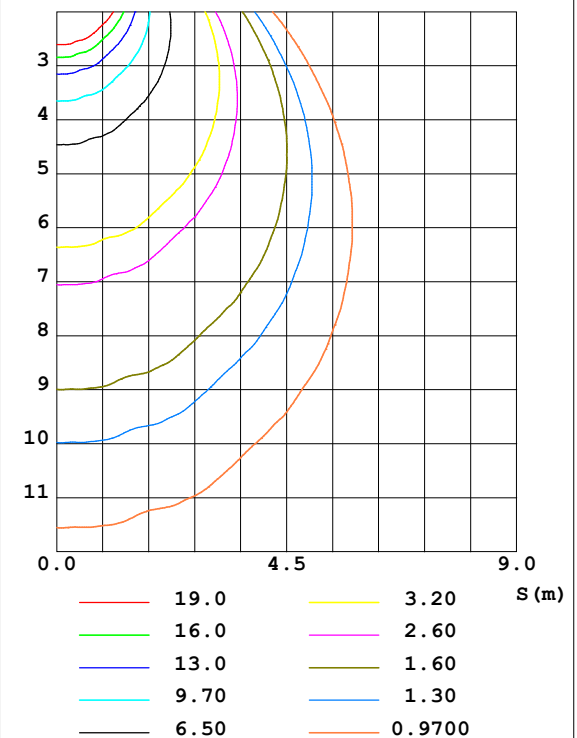
Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:393.946x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 25.32 lm/W			
MODEL	5050	I _{max} (cd)	129.9	S/MH (C0/180)	1.30
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	393.95	η UP, DN (C0-180)	1.6, 47.0
NOMINAL FLUX (lm)	393.946	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 50.3
LAMPS INSIDE	1	η up (%)	2.7	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24.0	η down (%)	97.3	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



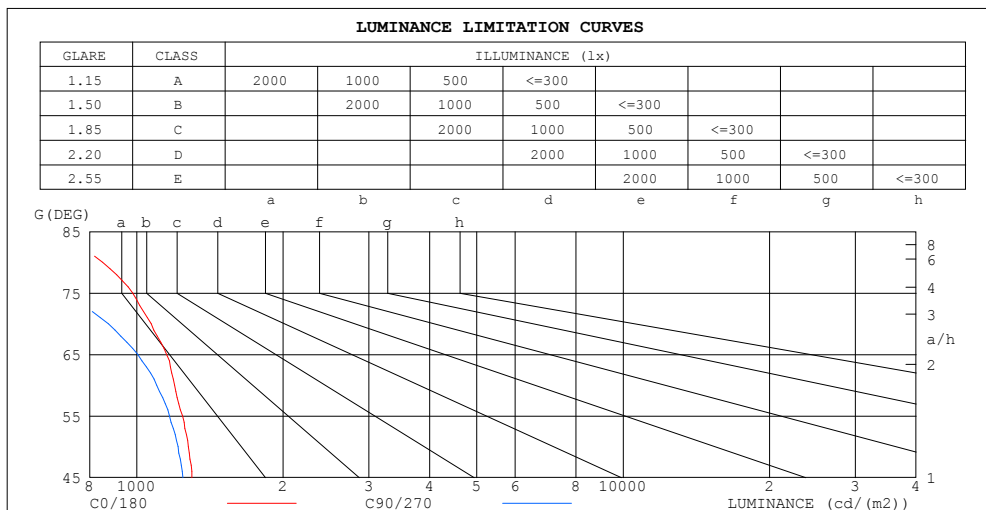
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [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	127.5	125.8	124.1	123.8	129.5	127.9	127.4	126.3	0- 10	12.11	12.11	3.07,3.07
20	120.7	119.4	118.0	120.7	124.6	126.5	124.4	121.9	10- 20	35.33	47.44	12,12
30	112.9	110.4	109.4	110.6	116.2	118.8	118.3	115.1	20- 30	54.55	102.0	25.9,25.9
40	99.81	97.17	96.50	97.52	102.2	107.0	107.1	102.9	30- 40	67.84	169.8	43.1,43.1
50	82.04	79.74	78.13	78.17	81.16	88.00	88.69	85.81	40- 50	71.26	241.1	61.2,61.2
60	59.85	57.98	54.95	55.21	59.31	62.58	63.92	63.60	50- 60	64.01	305.1	77.4,77.4
70	36.61	34.26	29.88	32.23	34.27	37.00	35.04	38.23	60- 70	46.72	351.8	89.3,89.3
80	14.77	13.24	9.927	12.71	13.57	14.07	10.67	14.89	70- 80	24.84	376.7	95.6,95.6
90	1.742	1.583	1.565	1.636	1.146	1.105	1.165	1.161	80- 90	6.601	383.3	97.3,97.3
100	1.420	1.555	1.780	1.555	0.8797	0.9315	1.080	0.9455	90-100	1.325	384.6	97.6,97.6
110	1.586	1.766	2.050	1.790	1.108	1.129	1.274	1.133	100-110	1.440	386.0	98,98
120	1.800	1.925	2.119	1.950	1.344	1.333	1.378	1.344	110-120	1.552	387.6	98.4,98.4
130	1.981	2.081	2.216	2.099	1.607	1.551	1.523	1.555	120-130	1.557	389.1	98.8,98.8
140	2.160	2.199	2.306	2.213	1.870	1.814	1.745	1.790	130-140	1.483	390.6	99.2,99.2
150	2.272	2.341	2.431	2.365	2.133	2.078	2.008	2.040	140-150	1.321	391.9	99.5,99.5
160	2.424	2.504	2.563	2.504	2.369	2.310	2.271	2.289	150-160	1.063	393.0	99.8,99.8
170	2.549	2.580	2.632	2.580	2.570	2.514	2.445	2.472	160-170	0.6984	393.7	99.9,99.9
180	2.625	2.628	2.632	2.625	2.632	2.611	2.618	2.597	170-180	0.2457	393.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	693	485
80	850	572
75	980	713
70	1070	874
65	1152	1004
60	1197	1099
55	1243	1167
50	1276	1215
45	1299	1244

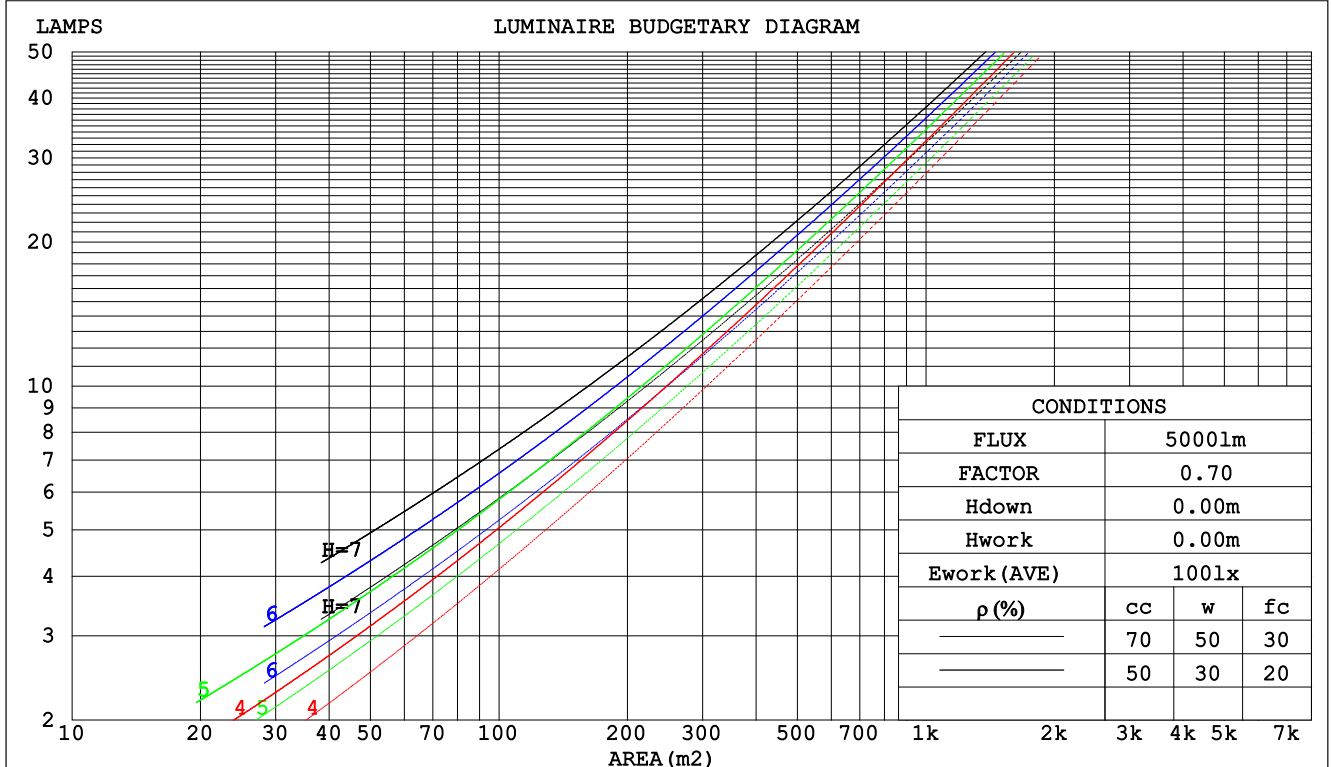
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:393.946x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.00	.00	.00	.97
1.0	1.03	.99	.95	1.01	.97	.94	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.78	.88	.82	.76	.84	.79	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.71	.64	.77	.70	.64	.74	.67	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.60	.55	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.41	.36	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:393.946x1 lm					
NAME: SP01-24V-5050-70-DMX3-RGB-总			TYPE:硅胶		WEIGHT:
DIM.: 15MM*7MM			SPEC.:		SERIAL No.:202301008
MFR.: OLYMPIA			SUR.:1*0.015		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	.305	.174	.055	.297	.170	.054	.282	.162	.052	.269	.155	.050	.256	.149	.048		
2.0	.288	.158	.048	.281	.155	.048	.268	.149	.046	.256	.144	.045	.245	.139	.044		
3.0	.268	.142	.043	.261	.140	.042	.250	.135	.041	.239	.131	.040	.229	.127	.039		
4.0	.248	.129	.038	.242	.127	.037	.232	.123	.037	.222	.119	.036	.213	.116	.035		
5.0	.229	.117	.034	.224	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.208	.105	.030	.200	.103	.030	.192	.100	.029	.185	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.187	.094	.027	.180	.092	.027	.173	.090	.026		
8.0	.185	.091	.025	.182	.089	.025	.175	.087	.025	.169	.085	.025	.163	.083	.024		
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.159	.079	.023	.153	.078	.022		
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.150	.074	.021	.145	.073	.021		

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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.201	.177	.156	.172	.152	.134	.118	.105	.093	.068	.060	.054	.022	.019	.017	
2.0	.193	.153	.119	.165	.132	.103	.113	.091	.072	.065	.053	.042	.021	.017	.014	
3.0	.185	.135	.096	.159	.117	.083	.109	.081	.058	.063	.047	.034	.020	.015	.011	
4.0	.178	.122	.080	.152	.106	.069	.105	.074	.049	.061	.043	.029	.020	.014	.009	
5.0	.170	.112	.069	.146	.097	.060	.101	.068	.042	.058	.040	.025	.019	.013	.008	
6.0	.163	.103	.061	.140	.090	.053	.097	.063	.037	.056	.037	.022	.018	.012	.007	
7.0	.157	.097	.055	.135	.084	.048	.093	.059	.034	.054	.035	.020	.017	.011	.007	
8.0	.150	.091	.050	.129	.079	.044	.089	.055	.031	.052	.033	.018	.017	.011	.006	
9.0	.144	.086	.047	.124	.075	.041	.086	.052	.029	.050	.031	.017	.016	.010	.006	
10.0	.139	.082	.044	.119	.071	.038	.083	.050	.027	.048	.030	.016	.016	.010	.005	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:393.946x1 lm											
NAME: SP01-24V-5050-70-DMX3-RGB-总						TYPE:硅胶		WEIGHT:			
DIM.: 15MM*7MM						SPEC.:		SERIAL No.:202301008			
MFR.: OLYMPIA						SUR.:1*0.015		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	13.5	15.0	13.8	15.2	15.5	13.1	14.6	13.4	14.9	15.1	
	3H	14.9	16.3	15.3	16.6	16.9	14.4	15.7	14.7	16.0	16.3
	4H	15.5	16.8	15.9	17.1	17.4	14.8	16.1	15.1	16.4	16.7
	6H	15.9	17.1	16.3	17.4	17.8	15.0	16.2	15.4	16.5	16.9
	8H	16.0	17.2	16.4	17.5	17.9	15.0	16.2	15.4	16.5	16.9
	12H	16.1	17.2	16.4	17.5	17.9	15.0	16.2	15.4	16.5	16.9
4H	2H	14.0	15.3	14.4	15.6	15.9	13.7	15.0	14.1	15.3	15.6
	3H	15.7	16.8	16.0	17.1	17.5	15.2	16.3	15.5	16.6	17.0
	4H	16.3	17.4	16.8	17.7	18.1	15.7	16.7	16.1	17.1	17.5
	6H	16.8	17.8	17.3	18.2	18.6	16.0	16.9	16.4	17.3	17.7
	8H	17.0	17.9	17.5	18.3	18.7	16.1	16.9	16.5	17.3	17.8
	12H	17.1	17.9	17.6	18.3	18.8	16.1	16.9	16.6	17.3	17.8
8H	4H	16.5	17.4	17.0	17.8	18.2	15.9	16.8	16.4	17.2	17.6
	6H	17.2	17.9	17.7	18.3	18.8	16.4	17.1	16.9	17.5	18.0
	8H	17.4	18.0	17.9	18.5	19.0	16.5	17.2	17.0	17.6	18.1
	12H	17.6	18.1	18.1	18.6	19.1	16.6	17.2	17.2	17.7	18.2
12H	4H	16.5	17.3	17.0	17.7	18.2	15.9	16.7	16.4	17.1	17.6
	6H	17.2	17.8	17.7	18.3	18.8	16.4	17.1	16.9	17.5	18.0
	8H	17.5	18.0	18.0	18.5	19.0	16.6	17.2	17.1	17.7	18.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 393.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.2)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.800m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:393.946x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

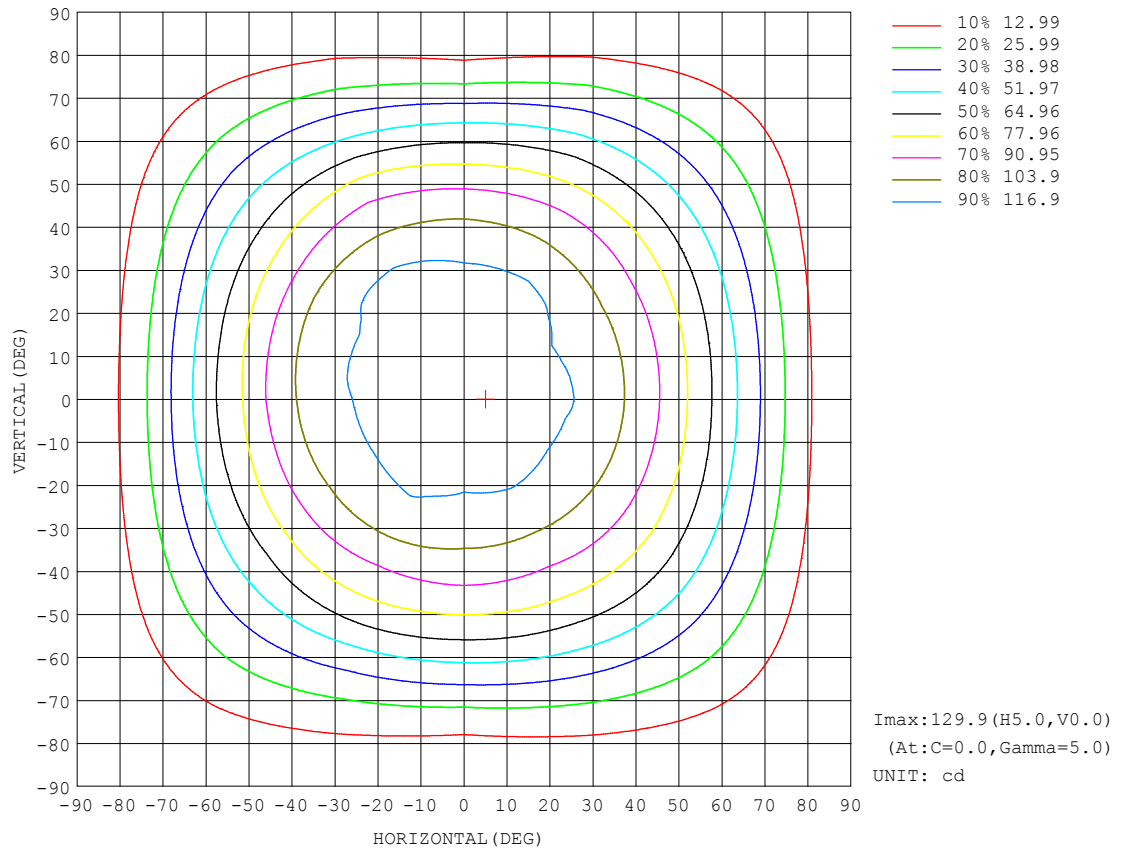
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	38	54	44	37	31
0.80	67	55	47	65	54	47	63	53	47	40
1.00	75	64	57	74	63	56	71	64	56	48
1.25	82	72	65	81	71	64	78	69	63	55
1.50	87	77	70	86	76	70	82	74	68	61
2.00	94	86	79	92	84	78	88	82	77	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	95	89	99	93	88	95	90	85	76
4.00	106	100	95	103	98	94	98	94	91	81
5.00	108	103	99	105	101	97	100	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.800m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:393.946x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

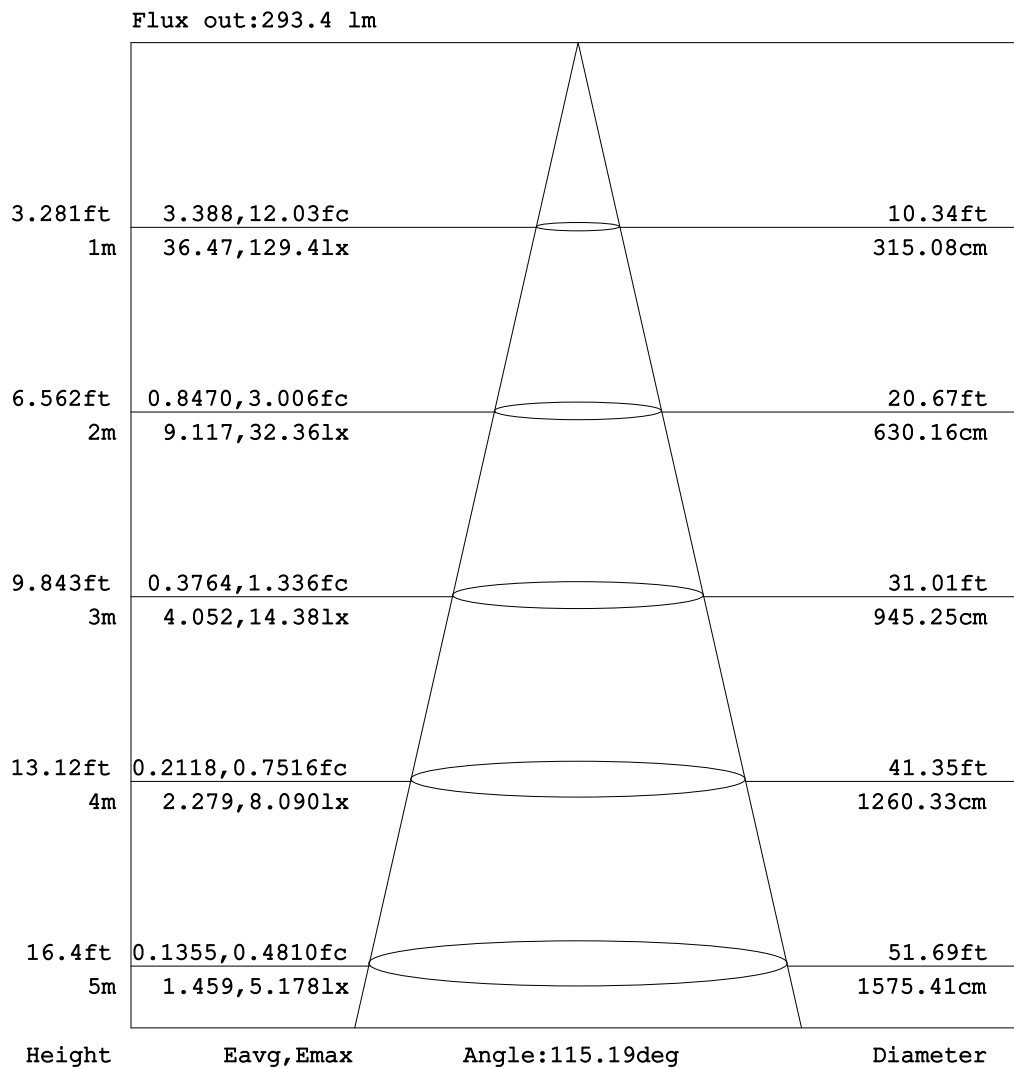


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:393.946x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



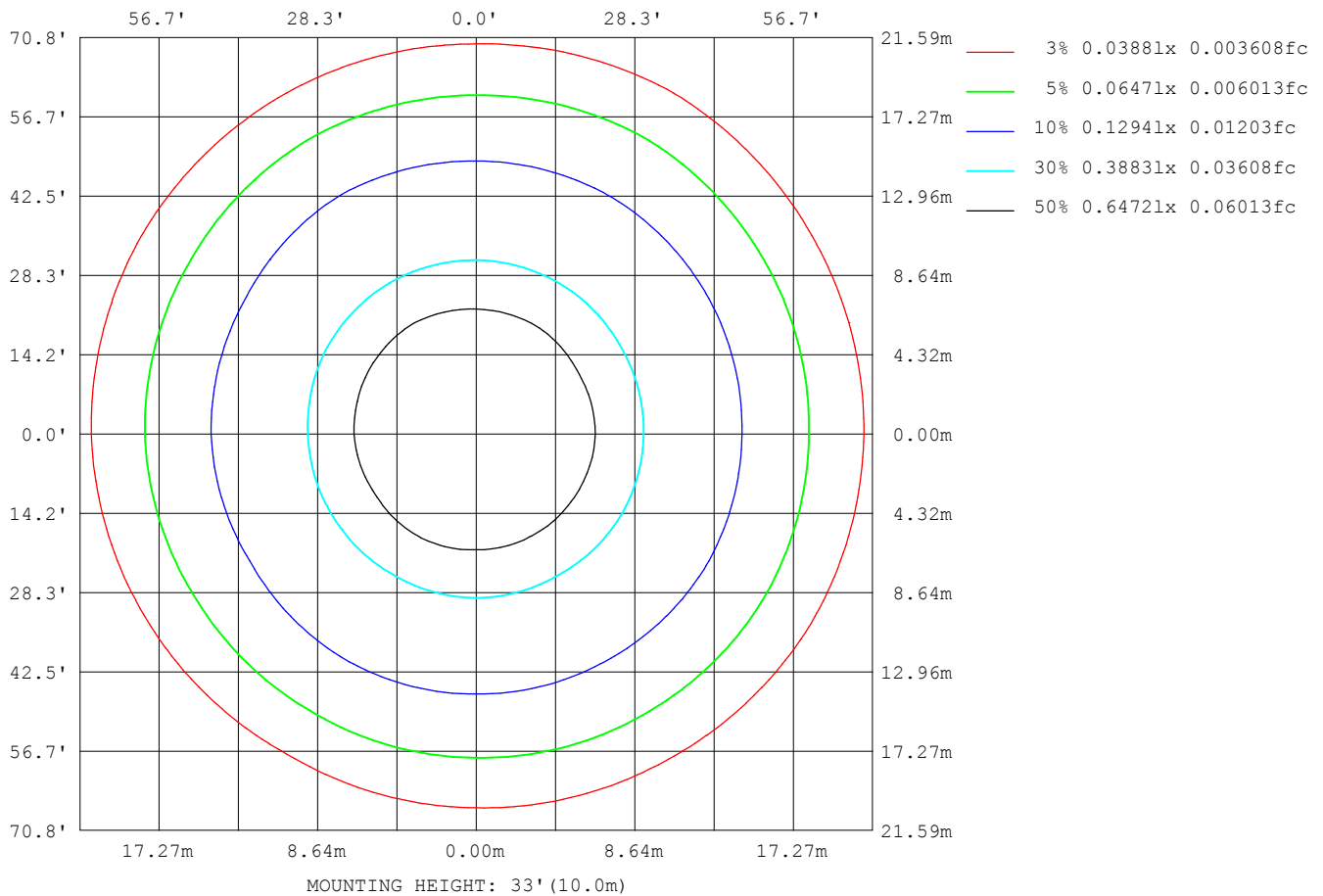
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

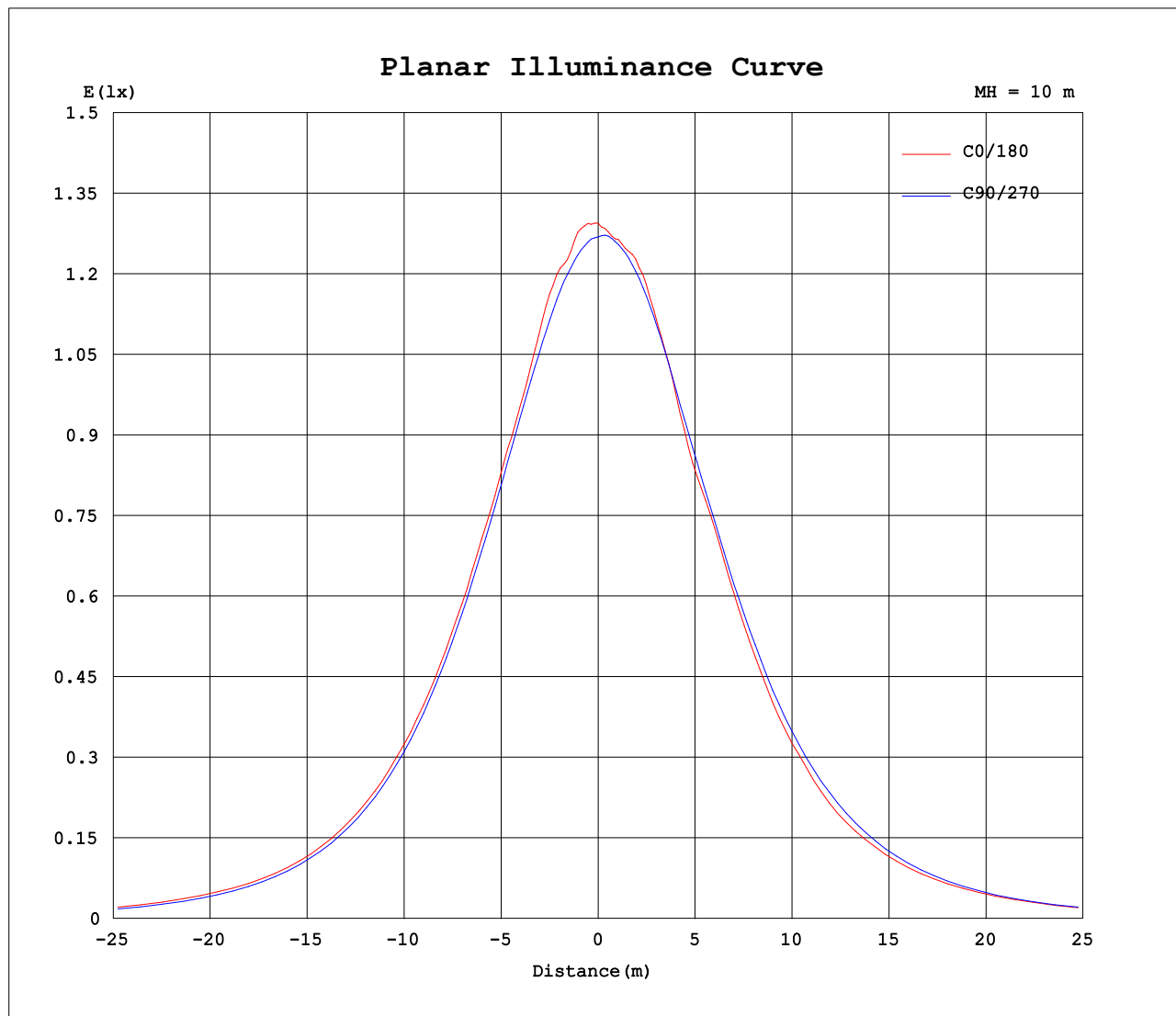
Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:393.946x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2023-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:393.946x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-总	TYPE:硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	129	128	128	127	126	126	129	128	128	127	126	126							
5	130	128	127	126	125	124	128	127	127	128	128	127							
10	128	126	126	124	123	125	129	128	127	127	128	125							
15	127	125	122	121	122	125	128	129	127	127	126	125							
20	121	120	119	118	120	121	125	126	127	124	123	121							
25	118	115	116	114	117	116	118	121	126	121	122	116							
30	113	110	111	109	112	109	116	116	122	118	118	112							
35	107	105	103	104	105	106	110	114	116	113	112	108							
40	99.8	98.5	95.8	96.5	96.7	98.3	102	106	108	107	105	101							
45	91.8	90.1	87.8	88.0	86.2	89.0	92.4	96.2	98.5	98.6	97.0	93.0							
50	82.0	80.8	78.7	78.1	78.2	78.1	81.2	85.4	90.6	88.7	87.5	84.1							
55	71.3	70.7	68.0	67.0	67.5	66.6	70.9	72.6	78.9	77.0	76.6	73.9							
60	59.8	59.3	56.7	54.9	54.6	55.9	59.3	61.0	64.2	63.9	65.1	62.1							
65	48.7	47.4	44.2	42.4	41.8	44.6	47.7	49.3	49.7	49.5	51.5	49.6							
70	36.6	35.6	32.9	29.9	30.8	33.7	34.3	37.0	37.0	35.0	38.7	37.7							
75	25.4	24.6	22.0	18.5	20.6	22.8	23.1	24.5	24.7	21.3	26.3	25.8							
80	14.8	14.0	12.4	9.93	12.0	13.4	13.6	13.9	14.2	10.7	14.9	14.9							
85	6.04	5.77	4.88	4.22	5.26	6.08	5.94	5.82	5.83	4.08	5.61	5.82							
90	1.74	1.63	1.54	1.57	1.60	1.67	1.15	1.12	1.09	1.17	1.10	1.22							
95	1.42	1.45	1.49	1.65	1.51	1.40	0.76	0.78	0.91	1.04	0.95	0.90							
100	1.42	1.52	1.59	1.78	1.59	1.52	0.88	0.84	1.02	1.08	1.00	0.89							
105	1.49	1.61	1.70	1.93	1.72	1.63	0.99	0.93	1.12	1.11	1.11	0.95							
110	1.59	1.72	1.81	2.05	1.84	1.74	1.11	1.05	1.21	1.27	1.21	1.06							
115	1.72	1.80	1.90	2.08	1.95	1.84	1.23	1.16	1.30	1.37	1.32	1.16							
120	1.80	1.90	1.95	2.12	1.98	1.92	1.34	1.27	1.39	1.38	1.41	1.27							
125	1.91	1.99	2.05	2.17	2.06	2.00	1.47	1.40	1.50	1.43	1.50	1.38							
130	1.98	2.08	2.08	2.22	2.11	2.09	1.61	1.52	1.58	1.52	1.60	1.51							
135	2.06	2.15	2.14	2.26	2.17	2.17	1.74	1.64	1.70	1.62	1.70	1.62							
140	2.16	2.22	2.18	2.31	2.20	2.22	1.87	1.79	1.84	1.75	1.83	1.75							
145	2.20	2.29	2.28	2.35	2.26	2.30	2.01	1.92	1.98	1.88	1.95	1.88							
150	2.27	2.37	2.31	2.43	2.35	2.38	2.13	2.05	2.11	2.01	2.08	2.00							
155	2.37	2.44	2.40	2.49	2.39	2.46	2.24	2.17	2.22	2.15	2.19	2.13							
160	2.42	2.52	2.49	2.56	2.49	2.51	2.37	2.27	2.35	2.27	2.32	2.26							
165	2.49	2.56	2.51	2.60	2.51	2.57	2.47	2.37	2.45	2.38	2.42	2.35							
170	2.55	2.62	2.53	2.63	2.55	2.61	2.57	2.49	2.54	2.44	2.51	2.44							
175	2.62	2.62	2.59	2.63	2.60	2.62	2.63	2.52	2.60	2.51	2.58	2.51							
180	2.62	2.62	2.63	2.63	2.63	2.62	2.63	2.60	2.62	2.62	2.62	2.58							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [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	129.4	128.3	127.5	126.9	126.5	126.1	129.4	128.3	127.5	126.9
3.0	129.9	128.7	127.3	126.4	125.5	125.3	128.4	127.8	127.4	127.5
6.0	129.8	128.4	127.0	125.5	124.4	124.5	128.5	127.7	127.2	127.5
9.0	127.3	126.7	126.2	124.4	123.2	124.6	128.9	128.1	127.1	127.6
12.0	128.1	125.5	124.7	123.1	122.8	125.2	129.3	129.3	127.6	127.3
15.0	126.6	124.7	122.4	121.4	121.7	124.8	128.2	129.1	127.3	126.6
18.0	123.1	122.7	119.6	119.4	121.1	122.4	126.0	127.1	127.2	125.5
21.0	119.9	119.0	118.3	117.3	119.9	119.8	123.4	124.7	126.9	123.8
24.0	117.7	115.4	116.4	115.0	117.7	117.3	119.3	122.5	125.7	122.0
27.0	115.5	113.0	114.0	112.3	115.4	112.9	116.5	118.7	124.2	120.2
30.0	112.9	110.3	110.5	109.4	111.8	109.4	116.2	115.7	121.8	118.3
33.0	109.7	107.3	106.3	106.1	108.1	108.3	113.0	115.4	118.5	115.6
36.0	105.8	104.0	101.7	102.3	103.8	105.1	108.4	112.5	114.8	112.4
39.0	101.5	99.77	97.23	97.87	98.77	100.4	103.8	108.0	110.0	108.6
42.0	96.88	95.41	92.47	93.14	92.57	94.58	98.03	102.5	104.4	103.7
45.0	91.82	90.13	87.80	87.98	86.24	88.97	92.38	96.20	98.49	98.62
48.0	86.02	84.70	82.29	82.21	81.53	82.29	86.03	89.39	93.83	92.85
51.0	80.13	78.92	76.55	75.96	76.63	76.25	78.78	83.24	88.53	86.41
54.0	73.55	72.82	70.05	69.17	69.96	68.98	72.78	75.23	81.51	79.51
57.0	66.40	66.48	63.65	62.31	62.33	62.03	66.32	68.15	73.01	71.95
60.0	59.85	59.26	56.70	54.95	54.55	55.88	59.31	60.97	64.20	63.92
63.0	53.28	52.22	49.24	47.53	46.46	49.05	52.13	53.97	55.30	55.69
66.0	46.29	44.96	41.92	39.90	39.52	42.49	45.01	46.66	47.15	46.71
69.0	38.85	37.80	35.08	32.32	33.02	35.77	36.77	39.35	39.74	38.07
72.0	31.90	31.16	28.42	25.04	26.38	29.34	29.69	32.01	31.83	29.41
75.0	25.37	24.56	22.03	18.46	20.58	22.78	23.11	24.54	24.74	21.29
78.0	18.91	17.92	16.03	12.94	15.28	16.82	17.16	17.97	18.26	14.73
81.0	12.81	12.19	10.68	8.570	10.47	11.68	11.87	12.22	12.34	9.140
84.0	7.507	7.114	6.181	5.151	6.374	7.384	7.290	7.211	7.220	5.062
87.0	3.518	3.443	2.850	2.690	3.335	3.893	3.571	3.321	3.398	2.590
90.0	1.742	1.626	1.540	1.565	1.598	1.674	1.146	1.119	1.092	1.165
93.0	1.448	1.447	1.482	1.635	1.461	1.365	0.7411	0.7827	0.8728	1.122
96.0	1.420	1.461	1.510	1.655	1.510	1.413	0.7898	0.7826	0.9216	1.032
99.0	1.420	1.496	1.537	1.746	1.572	1.496	0.8522	0.8172	0.9907	1.087
102.0	1.427	1.552	1.620	1.856	1.627	1.558	0.9145	0.8795	1.046	1.080
105.0	1.489	1.607	1.703	1.933	1.717	1.628	0.9906	0.9349	1.122	1.115
108.0	1.544	1.669	1.759	2.009	1.793	1.690	1.060	1.011	1.171	1.219
111.0	1.613	1.732	1.821	2.050	1.863	1.752	1.129	1.073	1.226	1.295
114.0	1.696	1.794	1.863	2.078	1.939	1.808	1.205	1.150	1.275	1.371
117.0	1.738	1.843	1.925	2.106	1.946	1.870	1.282	1.205	1.337	1.378
120.0	1.800	1.898	1.953	2.119	1.981	1.919	1.344	1.274	1.392	1.378
123.0	1.856	1.953	2.008	2.147	2.043	1.974	1.420	1.350	1.455	1.420
126.0	1.946	2.002	2.057	2.189	2.064	2.023	1.503	1.427	1.517	1.461
129.0	1.967	2.057	2.085	2.203	2.098	2.064	1.579	1.496	1.565	1.503
132.0	2.015	2.106	2.099	2.237	2.167	2.119	1.662	1.593	1.642	1.579
135.0	2.057	2.154	2.140	2.265	2.175	2.168	1.739	1.641	1.704	1.621
138.0	2.092	2.196	2.161	2.293	2.188	2.196	1.815	1.724	1.794	1.717
141.0	2.161	2.237	2.188	2.313	2.223	2.237	1.898	1.814	1.863	1.766
144.0	2.188	2.286	2.237	2.341	2.258	2.286	1.933	1.890	1.947	1.842
147.0	2.257	2.320	2.272	2.376	2.292	2.334	2.064	1.960	2.030	1.946
150.0	2.272	2.369	2.313	2.431	2.355	2.376	2.133	2.050	2.106	2.008
153.0	2.327	2.417	2.375	2.473	2.382	2.424	2.196	2.098	2.189	2.084
156.0	2.382	2.459	2.410	2.507	2.410	2.466	2.272	2.168	2.251	2.154
159.0	2.410	2.494	2.465	2.549	2.458	2.507	2.341	2.278	2.320	2.223
162.0	2.465	2.535	2.493	2.576	2.500	2.542	2.410	2.306	2.390	2.285
165.0	2.493	2.563	2.507	2.597	2.514	2.570	2.473	2.369	2.445	2.382
168.0	2.528	2.604	2.528	2.618	2.528	2.597	2.528	2.424	2.507	2.410
171.0	2.597	2.625	2.542	2.632	2.549	2.618	2.577	2.493	2.549	2.472
174.0	2.618	2.625	2.590	2.632	2.590	2.618	2.618	2.507	2.584	2.507
177.0	2.618	2.625	2.604	2.632	2.618	2.618	2.639	2.535	2.625	2.535
180.0	2.625	2.625	2.632	2.632	2.632	2.618	2.632	2.597	2.625	2.618
G/C	300.0	330.0								
0.0	126.5	126.1								
3.0	127.3	127.0								
6.0	127.8	127.1								
9.0	127.7	125.6								
12.0	127.7	124.9								
15.0	125.9	124.6								
18.0	123.5	123.0								
21.0	122.7	120.0								
24.0	122.3	116.7								
27.0	120.3	114.7								
30.0	118.0	112.2								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-01-06

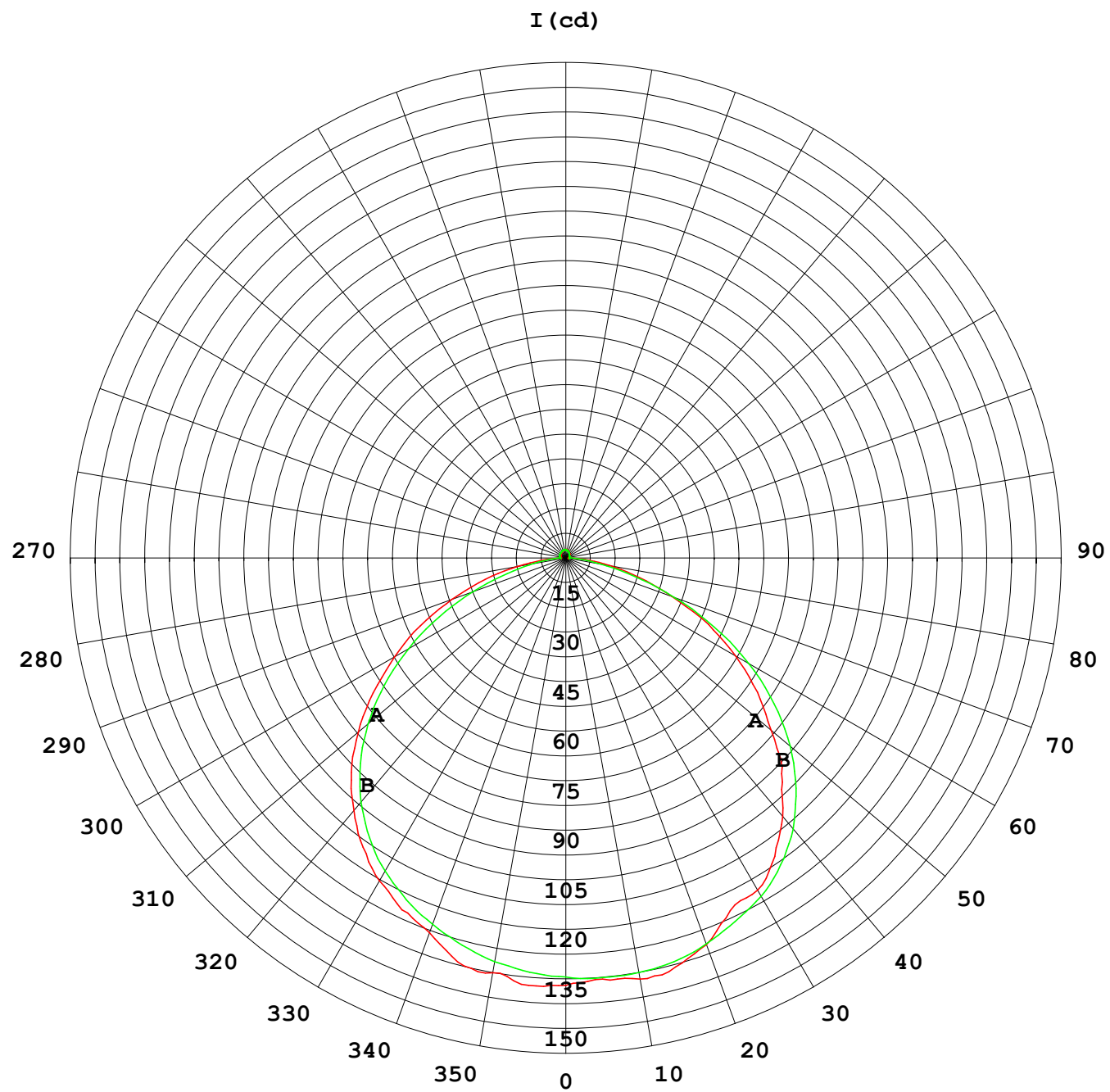
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	114.4	109.3
36.0	110.3	106.5
39.0	105.9	102.5
42.0	101.7	98.17
45.0	96.98	92.98
48.0	91.62	87.90
51.0	85.55	82.27
54.0	78.88	75.92
57.0	72.13	68.91
60.0	65.09	62.10
63.0	56.92	54.48
66.0	48.85	47.09
69.0	41.27	40.01
72.0	33.69	32.97
75.0	26.34	25.82
78.0	19.22	18.92
81.0	12.80	12.94
84.0	7.190	7.295
87.0	3.169	3.184
90.0	1.100	1.222
93.0	0.9488	0.9145
96.0	0.9420	0.8935
99.0	0.9768	0.8934
102.0	1.039	0.9347
105.0	1.108	0.9488
108.0	1.171	1.052
111.0	1.240	1.073
114.0	1.302	1.150
117.0	1.351	1.205
120.0	1.413	1.274
123.0	1.462	1.343
126.0	1.517	1.406
129.0	1.586	1.503
132.0	1.635	1.544
135.0	1.697	1.621
138.0	1.766	1.704
141.0	1.850	1.780
144.0	1.912	1.856
147.0	2.009	1.932
150.0	2.078	2.001
153.0	2.154	2.071
156.0	2.216	2.161
159.0	2.293	2.202
162.0	2.355	2.286
165.0	2.417	2.348
168.0	2.480	2.396
171.0	2.521	2.513
174.0	2.570	2.507
177.0	2.611	2.521
180.0	2.618	2.576

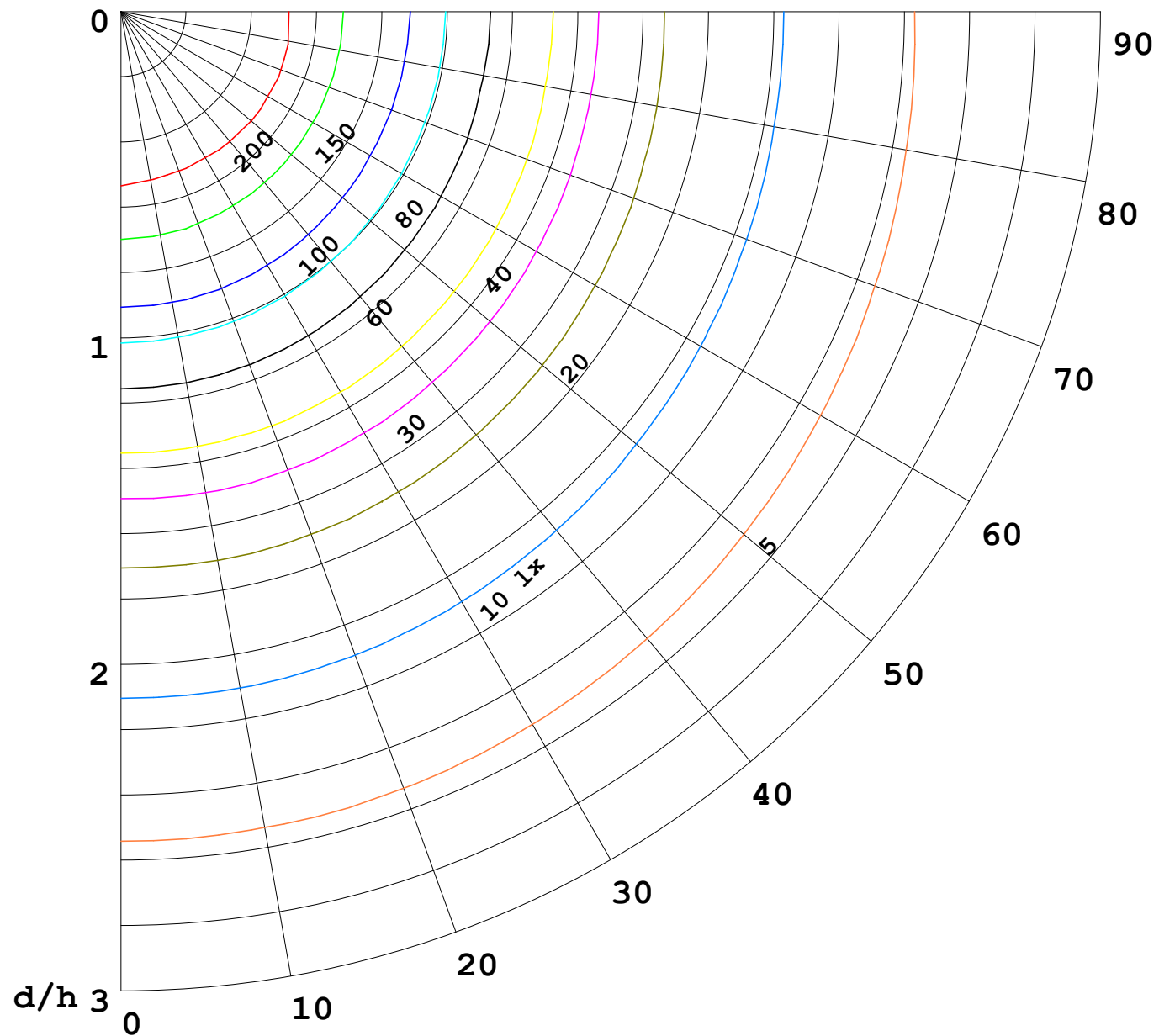
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:



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

