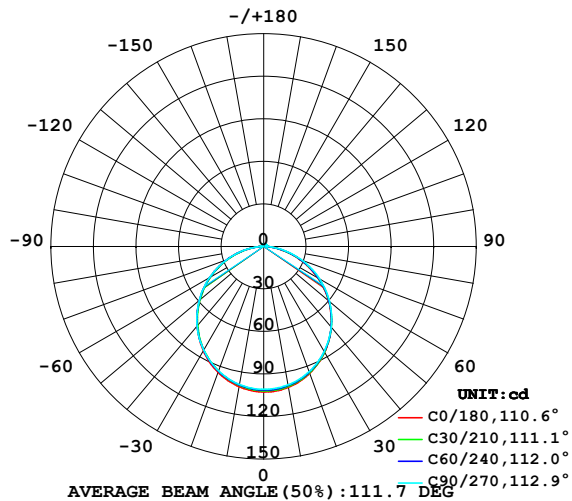


LUMINAIRE PHOTOMETRIC TEST REPORT

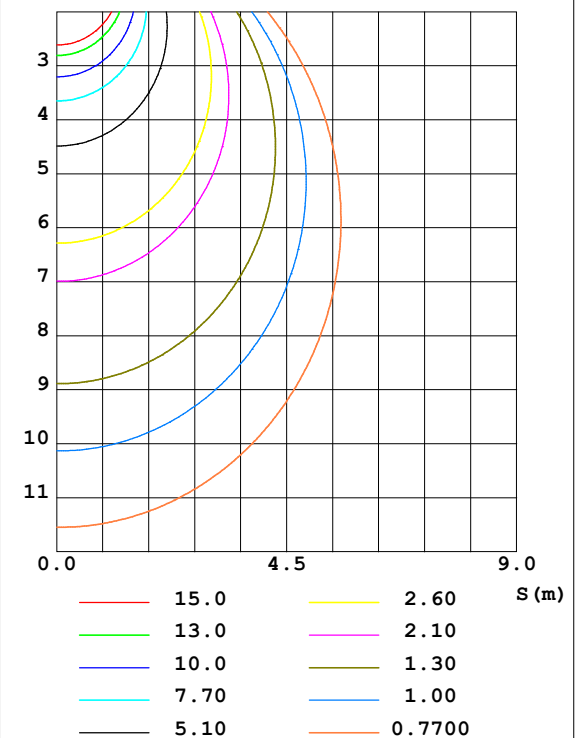
Test:U:24.00V I:0.5835A P:14.00W PF:1.000 Lamp Flux:297.979x1 lm		
NAME: SF15-24V-5050-56SPI4-RGBW- (4000)	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 21.28 lm/W			
MODEL	5050	I _{max} (cd)	102.7	S/MH (C0/180)	1.25
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	297.98	η UP, DN (C0-180)	1.8, 48.7
NOMINAL FLUX (lm)	297.979	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 48.1
LAMPS INSIDE	1	η up (%)	3.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



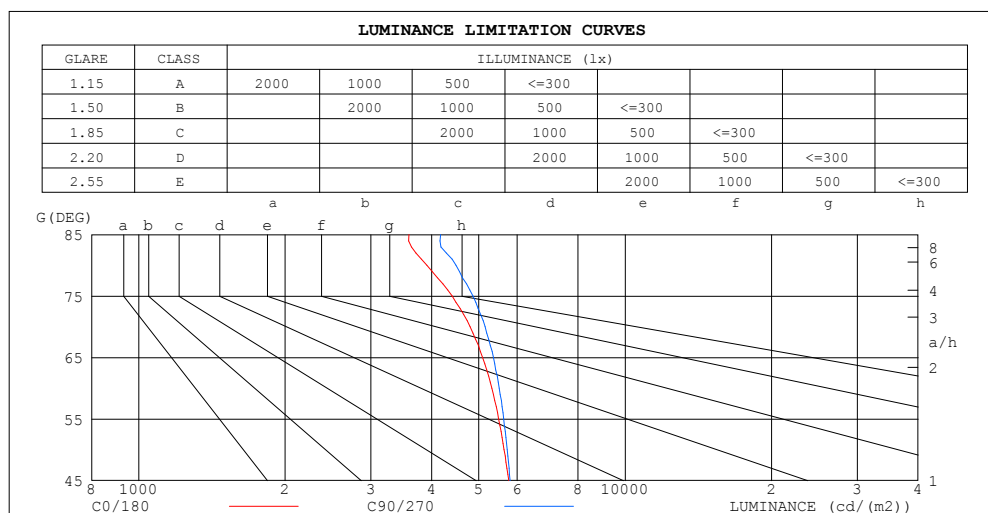
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [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	100.9	99.94	99.18	98.19	100.4	99.37	98.84	98.36	0- 10	9.565	9.565	3.21,3.21
20	95.18	94.59	94.04	92.72	94.50	93.60	93.32	92.89	10- 20	27.35	36.91	12.4,12.4
30	86.14	85.85	85.54	84.01	85.10	84.52	84.61	84.09	20- 30	41.32	78.23	26.3,26.3
40	74.10	74.20	74.20	72.58	73.16	72.83	73.17	72.58	30- 40	49.64	127.9	42.9,42.9
50	59.80	60.24	60.68	59.07	59.15	58.97	59.48	58.75	40- 50	51.34	179.2	60.1,60.1
60	43.88	44.61	45.45	44.00	43.84	43.65	44.19	43.27	50- 60	46.38	225.6	75.7,75.7
70	27.07	27.94	29.10	28.06	27.74	27.65	28.01	26.90	60- 70	35.56	261.2	87.6,87.6
80	11.21	11.85	12.87	12.29	11.95	11.89	12.16	11.11	70- 80	20.74	281.9	94.6,94.6
90	1.598	1.830	2.201	2.224	1.670	1.815	2.107	1.423	80- 90	6.375	288.3	96.7,96.7
100	0.9951	1.480	2.071	1.694	0.6032	1.274	1.915	1.121	90-100	1.596	289.9	97.3,97.3
110	1.151	1.548	2.071	1.714	0.7690	1.327	1.799	1.216	100-110	1.504	291.4	97.8,97.8
120	1.286	1.621	2.066	1.729	0.9450	1.392	1.744	1.292	110-120	1.468	292.8	98.3,98.3
130	1.422	1.689	2.040	1.731	1.131	1.472	1.719	1.375	120-130	1.382	294.2	98.7,98.7
140	1.533	1.749	1.975	1.739	1.337	1.558	1.719	1.468	130-140	1.239	295.5	99.2,99.2
150	1.643	1.794	1.895	1.741	1.528	1.648	1.729	1.578	140-150	1.045	296.5	99.5,99.5
160	1.749	1.839	1.870	1.784	1.689	1.734	1.749	1.671	150-160	0.7985	297.3	99.8,99.8
170	1.839	1.872	1.870	1.814	1.834	1.807	1.799	1.777	160-170	0.5074	297.8	99.9,99.9
180	1.880	1.877	1.870	1.824	1.910	1.852	1.829	1.819	170-180	0.1753	298.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3591	4172
80	3913	4493
75	4408	4863
70	4797	5157
65	5088	5359
60	5318	5509
55	5495	5627
50	5638	5721
45	5761	5801

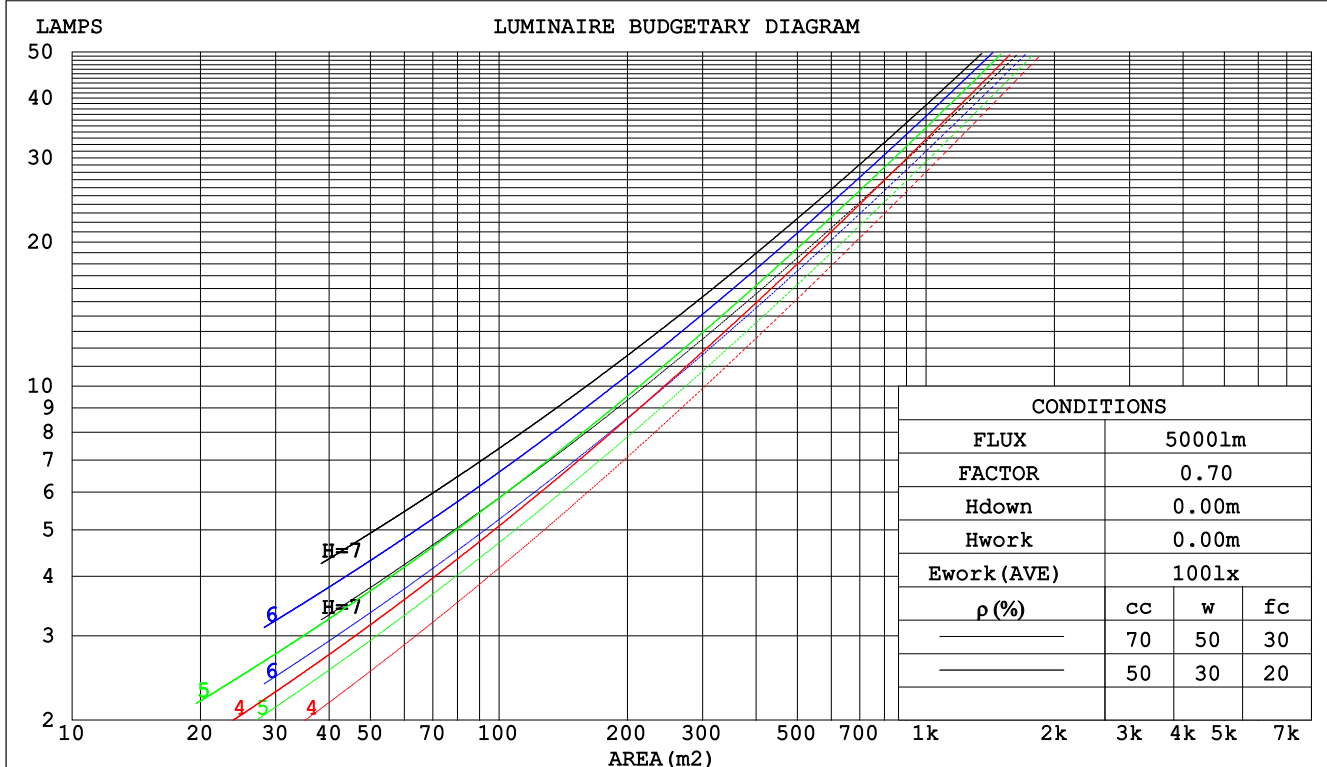
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.5835A P:14.00W PF:1.000 Lamp Flux:297.979x1 lm		
NAME: SF15-24V-5050-56SPI4-RGBW- (4000)	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	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	1.03	.99	.95	1.00	.96	.93	.96	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.80	.75	.71	.76	.72	.69	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.61	.70	.65	.60	.67	.63	.59	.56
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.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:HXJ
 Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.00V I:0.5835A P:14.00W PF:1.000 Lamp Flux:297.979x1 lm					
NAME: SF15-24V-5050-56SPI4-RGBW- (4000)			TYPE: 硅胶		WEIGHT:
DIM.: 21mm*11.5mm			SPEC.:		SERIAL No.:20220512
MFR.: OLYMPIA			SUR.:1*0.0165		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	.312	.178	.056	.304	.173	.055	.289	.166	.053	.275	.159	.051	.262	.152	.049		
2.0	.292	.160	.049	.285	.157	.048	.272	.151	.047	.259	.145	.046	.248	.140	.044		
3.0	.270	.144	.043	.263	.141	.042	.252	.136	.041	.240	.132	.040	.230	.127	.039		
4.0	.249	.129	.038	.243	.127	.038	.232	.123	.037	.223	.119	.036	.213	.116	.035		
5.0	.230	.117	.034	.225	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.208	.105	.030	.200	.102	.030	.192	.100	.029	.184	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.179	.092	.027	.172	.090	.026		
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.072	.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	.215	.215	.215	.184	.184	.184	.126	.126	.126	.072	.072	.072	.023	.023	.023		
1.0	.206	.181	.159	.176	.155	.137	.120	.107	.095	.069	.062	.055	.022	.020	.018		
2.0	.198	.157	.123	.169	.135	.106	.116	.094	.074	.067	.054	.044	.021	.018	.014		
3.0	.190	.140	.100	.163	.120	.086	.112	.084	.061	.065	.049	.036	.021	.016	.012		
4.0	.182	.126	.084	.156	.109	.073	.108	.076	.051	.062	.045	.030	.020	.015	.010		
5.0	.175	.116	.073	.150	.100	.063	.103	.070	.045	.060	.041	.027	.019	.013	.009		
6.0	.168	.108	.065	.144	.093	.056	.099	.065	.040	.058	.038	.024	.019	.013	.008		
7.0	.161	.101	.059	.138	.088	.051	.096	.061	.036	.056	.036	.022	.018	.012	.007		
8.0	.154	.095	.055	.133	.083	.048	.092	.058	.034	.054	.034	.020	.017	.011	.007		
9.0	.148	.090	.051	.128	.078	.045	.089	.055	.032	.052	.033	.019	.017	.011	.006		
10.0	.143	.086	.048	.123	.075	.042	.085	.053	.030	.050	.031	.018	.016	.010	.006		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.5835A P:14.00W PF:1.000 Lamp Flux:297.979x1 lm											
NAME: SF15-24V-5050-56SPI4-RGBW- (4000)						TYPE:硅胶		WEIGHT:			
DIM.: 21mm*11.5mm						SPEC.:		SERIAL No.:20220512			
MFR.: OLYMPIA						SUR.:1*0.0165		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	18.6	20.1	19.0	20.4	20.7	18.7	20.2	19.0	20.5	20.7	
	20.1	21.5	20.5	21.8	22.1	20.3	21.7	20.6	22.0	22.3	
	20.7	22.0	21.1	22.3	22.6	20.9	22.2	21.3	22.5	22.9	
	21.1	22.3	21.5	22.7	23.0	21.4	22.6	21.8	23.0	23.3	
	21.2	22.4	21.6	22.8	23.1	21.6	22.7	22.0	23.1	23.4	
	21.3	22.4	21.7	22.8	23.2	21.7	22.8	22.1	23.2	23.5	
4H	2H	19.3	20.5	19.6	20.9	21.2	19.3	20.6	19.7	20.9	21.3
	3H	20.9	22.1	21.3	22.4	22.8	21.1	22.2	21.5	22.6	22.9
	4H	21.6	22.7	22.1	23.0	23.4	21.8	22.9	22.2	23.2	23.6
	6H	22.2	23.1	22.6	23.5	23.9	22.4	23.3	22.9	23.7	24.2
	8H	22.3	23.2	22.8	23.6	24.1	22.6	23.5	23.1	23.9	24.4
	12H	22.5	23.2	22.9	23.7	24.2	22.8	23.6	23.3	24.0	24.5
8H	4H	21.9	22.7	22.4	23.2	23.6	22.1	22.9	22.5	23.3	23.8
	6H	22.6	23.3	23.1	23.7	24.2	22.8	23.5	23.3	24.0	24.5
	8H	22.8	23.5	23.3	23.9	24.5	23.1	23.7	23.6	24.2	24.7
	12H	23.0	23.6	23.6	24.1	24.6	23.3	23.9	23.9	24.4	24.9
12H	4H	21.9	22.7	22.4	23.1	23.6	22.1	22.9	22.6	23.3	23.8
	6H	22.6	23.3	23.1	23.7	24.3	22.9	23.5	23.4	24.0	24.5
	8H	22.9	23.5	23.5	24.0	24.5	23.2	23.7	23.7	24.2	24.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 298.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.2)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.5835A P:14.00W PF:1.000 Lamp Flux:297.979x1 lm		
NAME: SF15-24V-5050-56SPI4-RGBW- (4000)	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

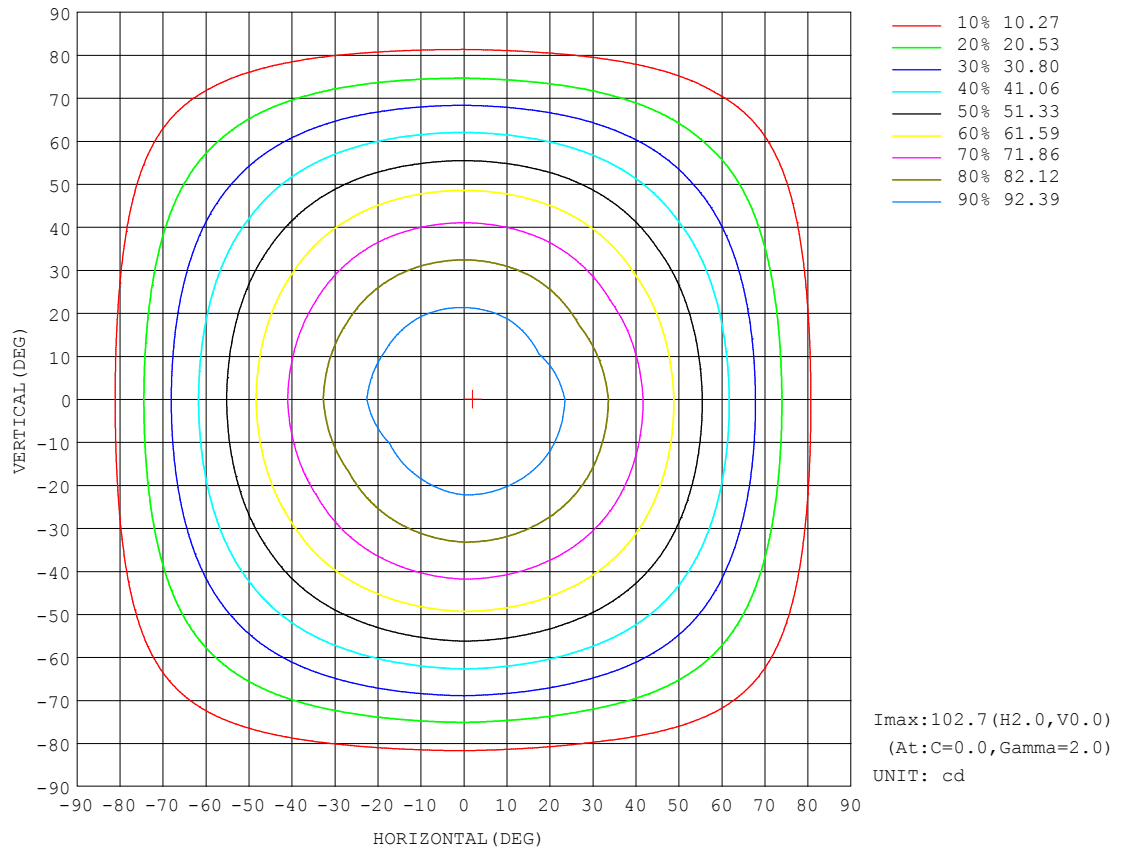
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	45	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	47	39
1.00	75	64	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	77	88	81	76	67
2.50	98	90	84	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	85	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	108	103	98	105	100	97	100	96	93	83
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:HXJ
 Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.5835A P:14.00W PF:1.000 Lamp Flux:297.979x1 lm		
NAME: SF15-24V-5050-56SPI4-RGBW- (4000)	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

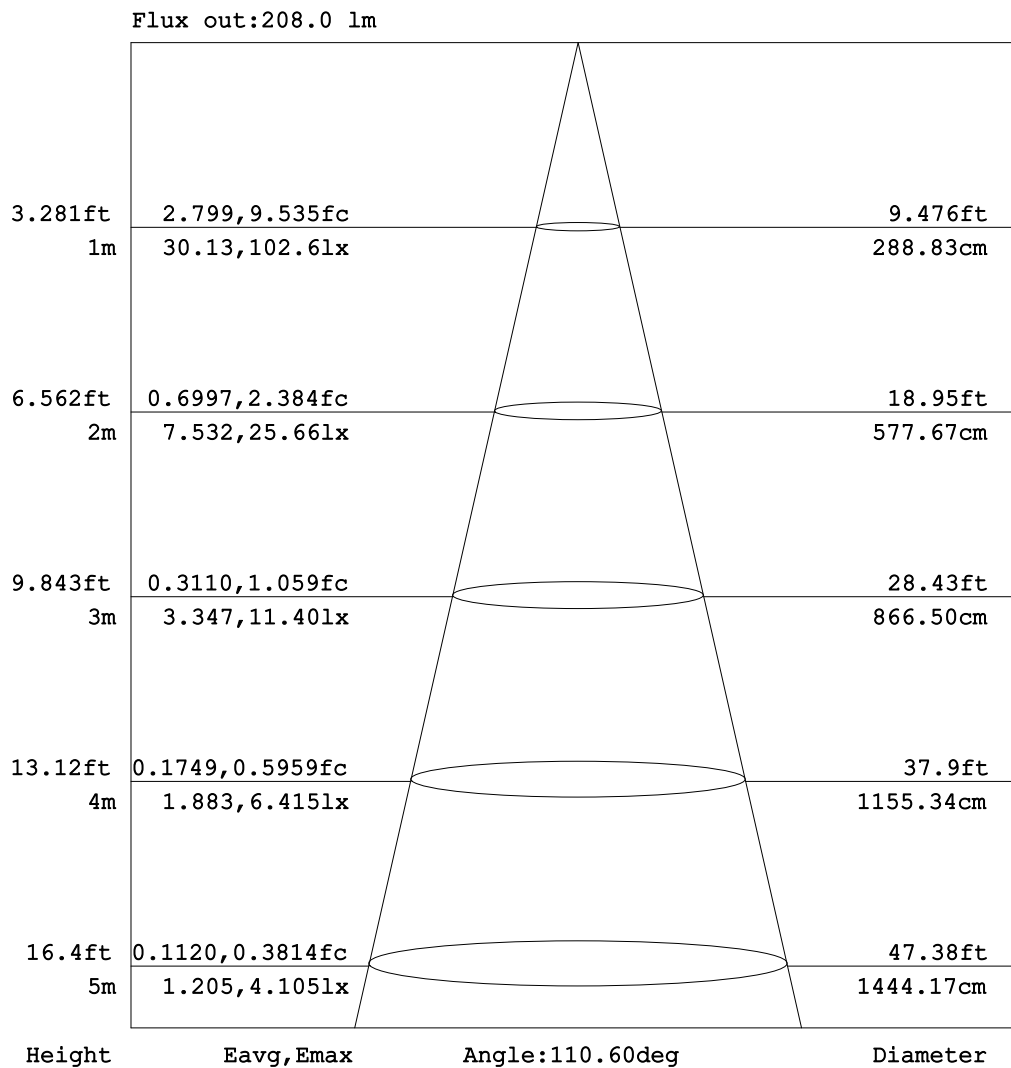


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.5835A P:14.00W PF:1.000 Lamp Flux:297.979x1 lm		
NAME: SF15-24V-5050-56SPI4-RGBW-(4000)	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



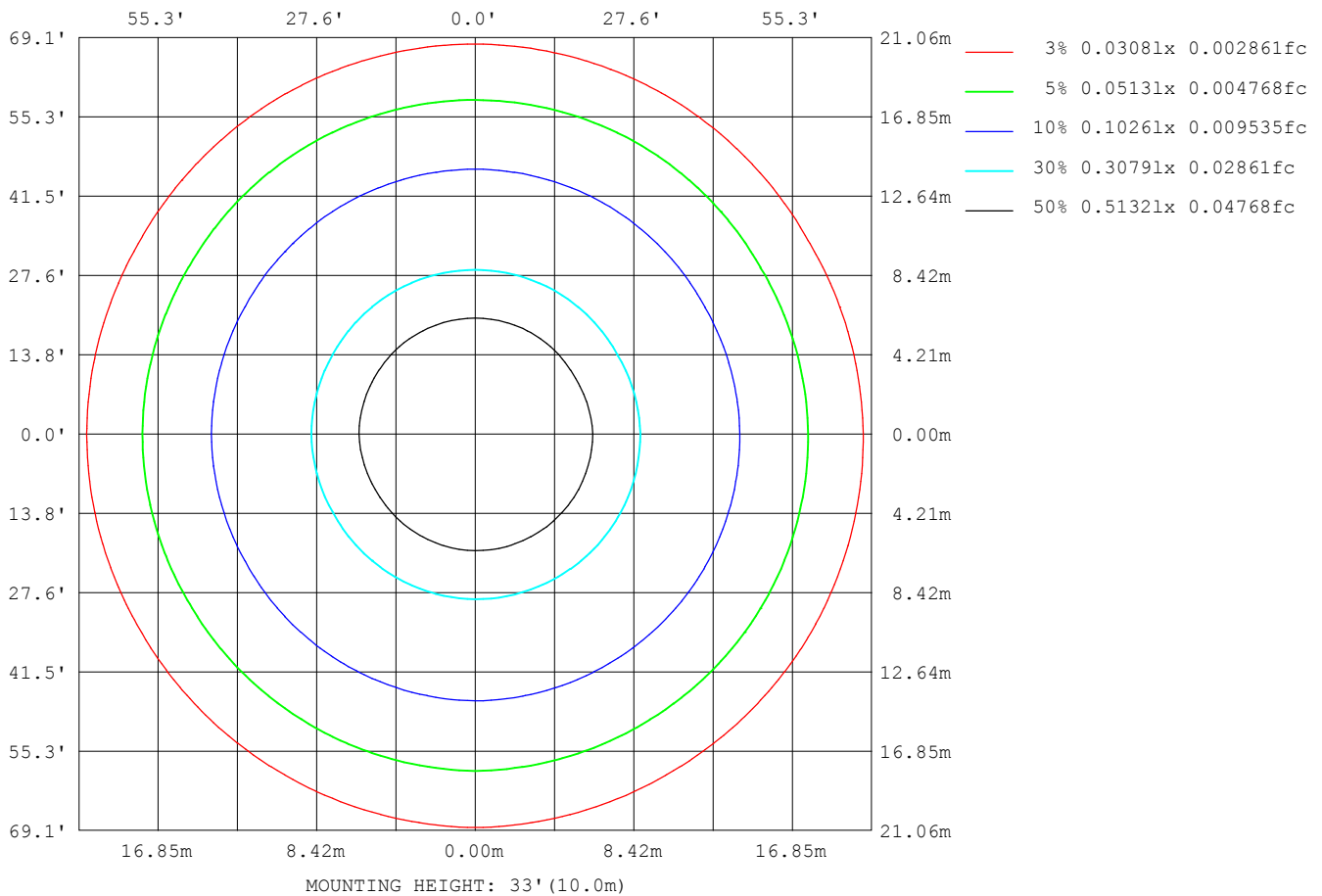
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

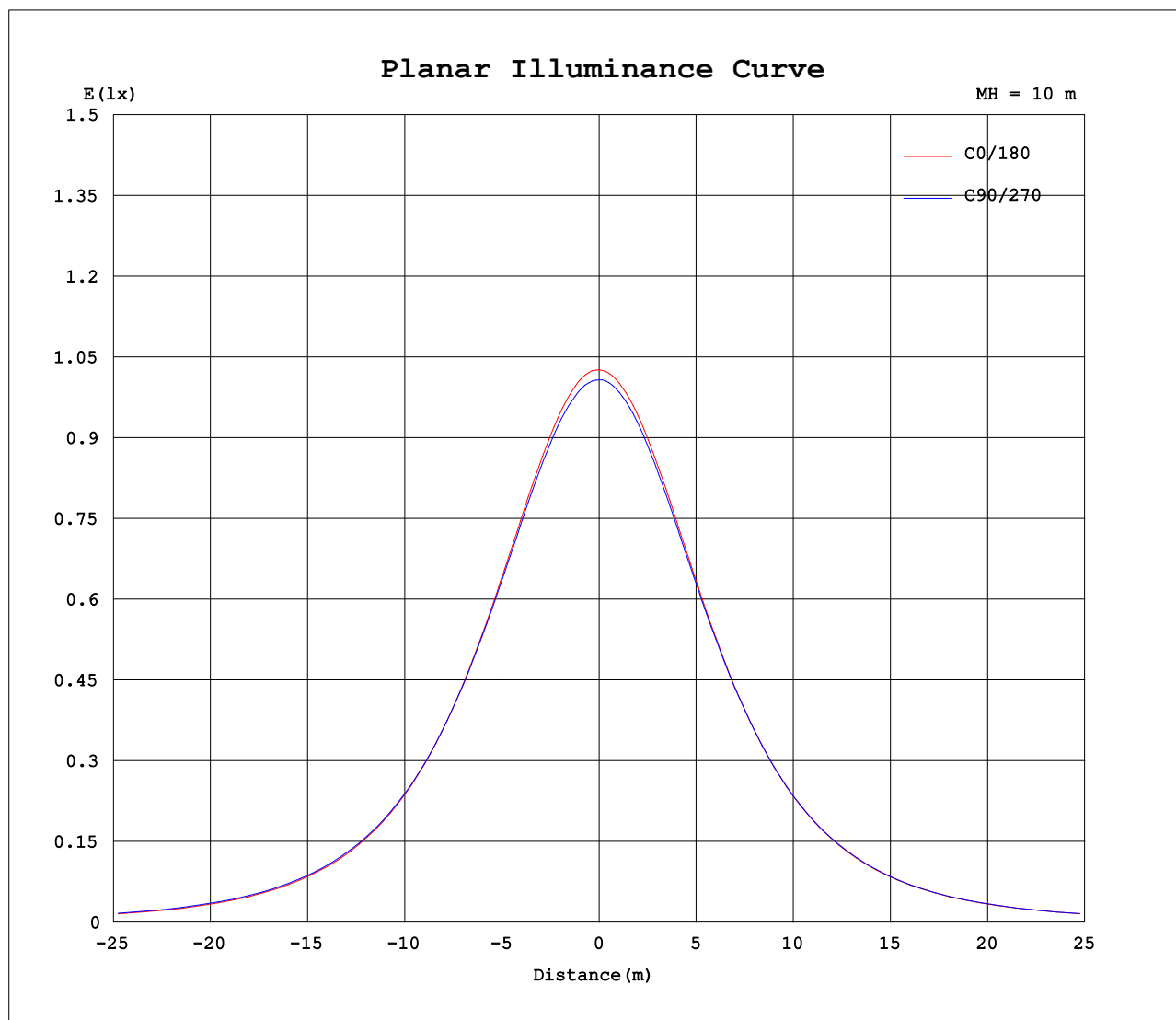
Test:U:24.00V I:0.5835A P:14.00W PF:1.000 Lamp Flux:297.979x1 lm		
NAME: SF15-24V-5050-56SPI4-RGBW- (4000)	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.5835A P:14.00W PF:1.000 Lamp Flux:297.979x1 lm		
NAME: SF15-24V-5050-56SPI4-RGBW-(4000)	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	103	102	101	101	100	99.9	103	102	101	101	100	99.9						
5	102	102	101	100	99.9	99.4	102	101	101	100	99.9	99.6						
10	101	100	99.6	99.2	98.4	97.9	100	99.5	99.2	98.8	98.5	98.2						
15	98.5	98.0	97.4	97.0	96.2	95.6	97.9	96.9	96.8	96.5	96.3	95.8						
20	95.2	94.9	94.3	94.0	93.0	92.4	94.5	93.6	93.6	93.3	93.2	92.6						
25	91.0	90.9	90.4	90.2	89.1	88.4	90.2	89.4	89.6	89.3	89.3	88.5						
30	86.1	86.0	85.7	85.5	84.4	83.6	85.1	84.4	84.6	84.6	84.5	83.7						
35	80.4	80.5	80.2	80.2	79.1	78.1	79.4	78.8	79.1	79.2	79.0	78.3						
40	74.1	74.3	74.1	74.2	73.1	72.1	73.2	72.6	73.1	73.2	73.0	72.2						
45	67.2	67.5	67.5	67.7	66.6	65.6	66.4	65.8	66.4	66.5	66.3	65.5						
50	59.8	60.2	60.3	60.7	59.5	58.6	59.2	58.7	59.3	59.5	59.2	58.3						
55	52.0	52.5	52.7	53.3	52.1	51.2	51.6	51.1	51.8	52.0	51.7	50.7						
60	43.9	44.5	44.7	45.4	44.4	43.6	43.8	43.3	44.0	44.2	43.8	42.7						
65	35.5	36.2	36.5	37.4	36.4	35.8	35.8	35.3	36.1	36.2	35.7	34.6						
70	27.1	27.8	28.1	29.1	28.3	27.8	27.7	27.3	28.0	28.0	27.4	26.4						
75	18.8	19.5	19.8	20.8	20.2	19.8	19.7	19.3	19.9	19.9	19.3	18.2						
80	11.2	11.8	11.9	12.9	12.4	12.2	11.9	11.7	12.1	12.2	11.6	10.7						
85	5.16	5.52	5.42	6.00	5.68	5.61	5.22	5.10	5.31	5.46	5.08	4.66						
90	1.60	1.77	1.89	2.20	2.25	2.19	1.67	1.74	1.89	2.11	1.57	1.28						
95	0.99	1.20	1.70	2.09	1.94	1.44	0.65	0.98	1.59	2.02	1.42	0.78						
100	1.00	1.25	1.71	2.07	1.92	1.47	0.60	0.95	1.60	1.91	1.46	0.78						
105	1.08	1.32	1.72	2.07	1.90	1.52	0.68	1.00	1.60	1.85	1.49	0.83						
110	1.15	1.37	1.73	2.07	1.87	1.55	0.77	1.05	1.61	1.80	1.51	0.92						
115	1.22	1.44	1.74	2.07	1.85	1.58	0.85	1.11	1.61	1.76	1.53	0.98						
120	1.29	1.48	1.76	2.07	1.85	1.61	0.95	1.17	1.62	1.74	1.54	1.04						
125	1.35	1.53	1.80	2.06	1.83	1.63	1.04	1.24	1.63	1.72	1.55	1.11						
130	1.42	1.57	1.80	2.04	1.82	1.64	1.13	1.31	1.64	1.72	1.57	1.18						
135	1.49	1.62	1.82	2.00	1.81	1.66	1.24	1.37	1.65	1.72	1.59	1.25						
140	1.53	1.66	1.84	1.98	1.81	1.67	1.34	1.44	1.68	1.72	1.62	1.32						
145	1.59	1.69	1.86	1.94	1.79	1.68	1.43	1.50	1.70	1.72	1.65	1.40						
150	1.64	1.72	1.86	1.89	1.79	1.69	1.53	1.56	1.73	1.73	1.68	1.47						
155	1.70	1.77	1.87	1.89	1.79	1.73	1.61	1.61	1.77	1.74	1.72	1.52						
160	1.75	1.81	1.87	1.87	1.79	1.78	1.69	1.67	1.80	1.75	1.75	1.59						
165	1.81	1.84	1.87	1.87	1.80	1.81	1.77	1.73	1.83	1.76	1.78	1.66						
170	1.84	1.87	1.87	1.87	1.80	1.82	1.83	1.77	1.84	1.80	1.81	1.74						
175	1.86	1.88	1.87	1.87	1.83	1.82	1.87	1.80	1.86	1.81	1.83	1.77						
180	1.88	1.88	1.87	1.87	1.82	1.82	1.91	1.84	1.86	1.83	1.83	1.80						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [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	102.6	101.9	101.3	100.8	100.3	99.94	102.6	101.9	101.3	100.8
3.0	102.6	101.8	101.2	100.7	100.2	99.73	102.4	101.6	101.0	100.6
6.0	102.1	101.4	100.7	100.2	99.64	99.20	101.8	101.0	100.4	100.1
9.0	101.2	100.6	99.95	99.46	98.79	98.30	100.9	99.97	99.57	99.22
12.0	100.0	99.52	98.84	98.43	97.62	97.09	99.55	98.62	98.35	98.03
15.0	98.50	98.04	97.41	97.02	96.15	95.56	97.91	96.93	96.82	96.50
18.0	96.62	96.25	95.67	95.30	94.39	93.85	95.99	94.99	95.02	94.71
21.0	94.42	94.17	93.60	93.35	92.31	91.62	93.67	92.70	92.84	92.61
24.0	91.93	91.73	91.23	91.00	89.94	89.30	91.17	90.18	90.46	90.20
27.0	89.14	89.03	88.59	88.40	87.32	86.55	88.26	87.40	87.68	87.55
30.0	86.14	86.04	85.65	85.54	84.41	83.61	85.10	84.40	84.64	84.61
33.0	82.79	82.76	82.49	82.39	81.31	80.34	81.78	81.11	81.41	81.44
36.0	79.22	79.25	79.07	79.01	77.94	76.87	78.21	77.62	77.97	78.07
39.0	75.42	75.55	75.41	75.45	74.32	73.26	74.44	73.79	74.30	74.41
42.0	71.40	71.62	71.53	71.66	70.52	69.44	70.49	69.83	70.44	70.56
45.0	67.22	67.48	67.48	67.68	66.55	65.64	66.35	65.83	66.39	66.55
48.0	62.83	63.22	63.21	63.55	62.38	61.32	62.09	61.57	62.17	62.36
51.0	58.29	58.72	58.79	59.22	58.09	57.23	57.69	57.16	57.84	58.03
54.0	53.60	54.10	54.21	54.77	53.64	52.63	53.14	52.72	53.32	53.56
57.0	48.81	49.40	49.52	50.20	49.07	48.27	48.53	48.04	48.74	48.96
60.0	43.88	44.51	44.71	45.45	44.40	43.61	43.84	43.26	44.03	44.19
63.0	38.90	39.55	39.79	40.60	39.64	38.82	39.04	38.57	39.25	39.46
66.0	33.81	34.57	34.82	35.74	34.84	34.21	34.23	33.76	34.43	34.61
69.0	28.77	29.48	29.76	30.71	29.96	29.35	29.36	28.86	29.54	29.64
72.0	23.75	24.43	24.75	25.73	25.08	24.53	24.44	24.13	24.65	24.79
75.0	18.83	19.49	19.78	20.77	20.23	19.85	19.66	19.32	19.86	19.94
78.0	14.11	14.70	14.95	15.88	15.46	15.16	14.91	14.63	15.11	15.17
81.0	9.845	10.33	10.47	11.37	10.95	10.72	10.44	10.23	10.61	10.69
84.0	6.191	6.579	6.534	7.181	6.851	6.749	6.413	6.259	6.534	6.616
87.0	3.312	3.582	3.468	3.889	3.645	3.794	3.425	3.229	3.370	3.401
90.0	1.598	1.766	1.893	2.201	2.254	2.194	1.670	1.742	1.888	2.107
93.0	1.026	1.186	1.704	2.126	1.960	1.582	0.8929	1.152	1.583	2.061
96.0	0.9901	1.206	1.704	2.076	1.930	1.442	0.5879	0.9551	1.588	1.990
99.0	0.9951	1.236	1.704	2.071	1.930	1.468	0.5981	0.9499	1.588	1.935
102.0	1.020	1.282	1.719	2.071	1.920	1.488	0.6384	0.9499	1.603	1.890
105.0	1.075	1.322	1.724	2.071	1.905	1.523	0.6837	1.000	1.603	1.855
108.0	1.116	1.352	1.729	2.071	1.895	1.548	0.7339	1.030	1.608	1.814
111.0	1.156	1.377	1.739	2.071	1.875	1.563	0.7792	1.065	1.608	1.794
114.0	1.196	1.417	1.734	2.071	1.860	1.583	0.8395	1.096	1.613	1.774
117.0	1.241	1.458	1.744	2.071	1.849	1.588	0.8897	1.136	1.613	1.754
120.0	1.286	1.483	1.759	2.066	1.849	1.608	0.9450	1.166	1.618	1.744
123.0	1.327	1.513	1.774	2.061	1.834	1.623	1.000	1.211	1.623	1.729
126.0	1.362	1.533	1.804	2.046	1.829	1.633	1.061	1.241	1.628	1.724
129.0	1.402	1.568	1.804	2.040	1.819	1.648	1.121	1.286	1.628	1.719
132.0	1.442	1.588	1.819	2.025	1.819	1.649	1.176	1.327	1.648	1.719
135.0	1.488	1.618	1.824	1.995	1.809	1.658	1.237	1.367	1.654	1.719
138.0	1.513	1.643	1.834	1.980	1.809	1.664	1.292	1.402	1.669	1.719
141.0	1.548	1.664	1.849	1.980	1.804	1.669	1.357	1.447	1.689	1.719
144.0	1.578	1.674	1.859	1.950	1.799	1.679	1.412	1.488	1.704	1.719
147.0	1.618	1.699	1.864	1.935	1.789	1.684	1.468	1.518	1.724	1.729
150.0	1.643	1.724	1.865	1.895	1.789	1.694	1.528	1.563	1.734	1.729
153.0	1.678	1.754	1.870	1.890	1.789	1.719	1.583	1.588	1.754	1.729
156.0	1.719	1.779	1.870	1.885	1.789	1.734	1.628	1.643	1.774	1.734
159.0	1.734	1.794	1.870	1.890	1.789	1.764	1.674	1.653	1.794	1.744
162.0	1.764	1.819	1.870	1.870	1.799	1.789	1.719	1.689	1.804	1.754
165.0	1.809	1.844	1.870	1.870	1.804	1.814	1.769	1.729	1.829	1.764
168.0	1.824	1.865	1.870	1.870	1.804	1.824	1.814	1.749	1.834	1.779
171.0	1.839	1.885	1.870	1.870	1.809	1.824	1.840	1.789	1.850	1.804
174.0	1.864	1.885	1.870	1.870	1.824	1.824	1.865	1.804	1.870	1.814
177.0	1.879	1.885	1.870	1.870	1.824	1.824	1.900	1.824	1.865	1.814
180.0	1.880	1.885	1.870	1.870	1.824	1.824	1.910	1.839	1.865	1.829
G/C	300.0	330.0								
0.0	100.3	99.94								
3.0	100.2	99.85								
6.0	99.69	99.38								
9.0	98.89	98.55								
12.0	97.77	97.37								
15.0	96.33	95.83								
18.0	94.55	94.04								
21.0	92.48	91.85								
24.0	90.11	89.38								
27.0	87.44	86.70								
30.0	84.47	83.72								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-05-12

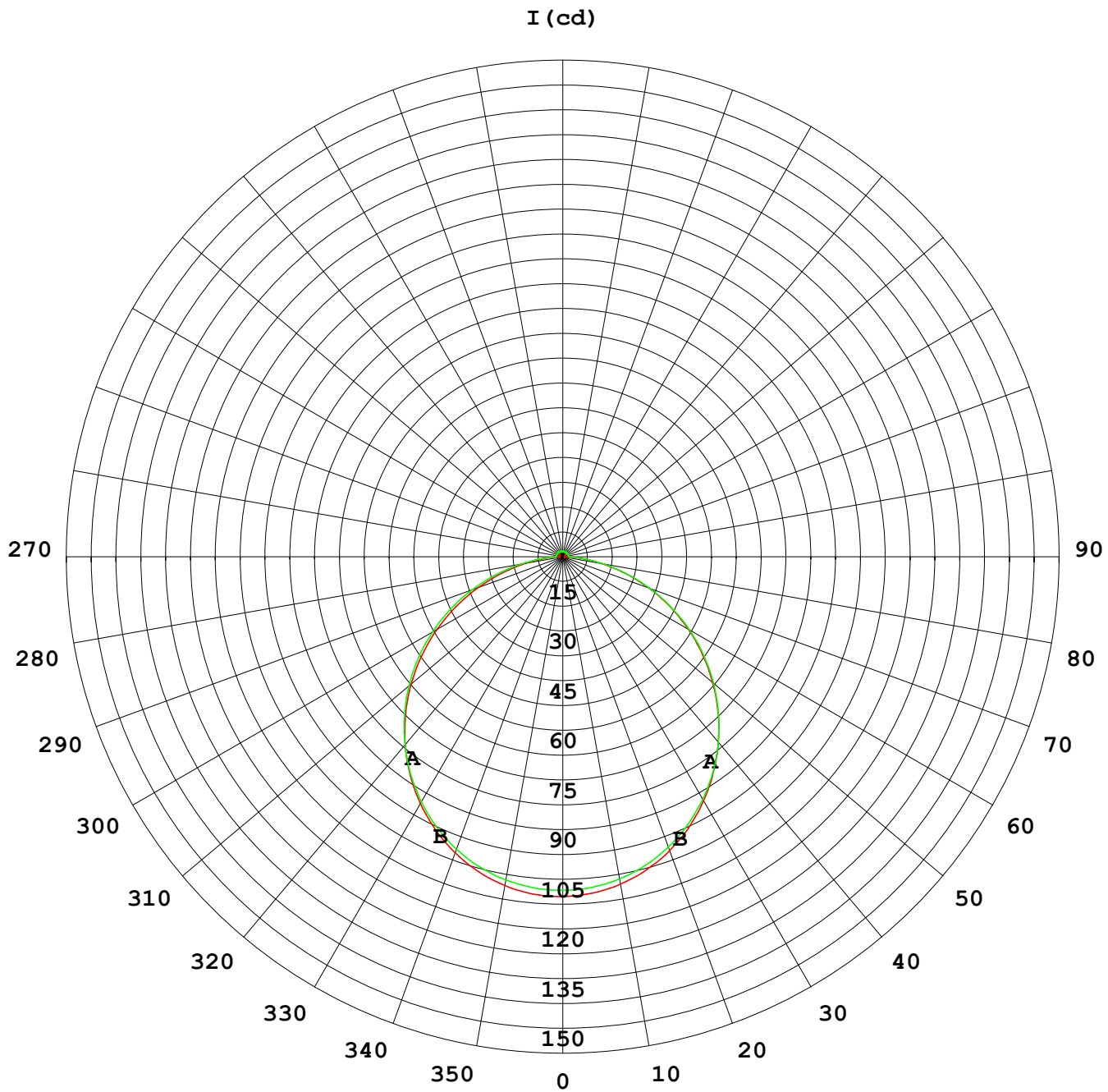
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	81.28	80.53
36.0	77.87	77.04
39.0	74.21	73.50
42.0	70.37	69.57
45.0	66.32	65.51
48.0	62.11	61.23
51.0	57.73	56.82
54.0	53.19	52.32
57.0	48.56	47.62
60.0	43.79	42.74
63.0	38.93	37.97
66.0	34.03	33.01
69.0	29.08	27.97
72.0	24.12	23.24
75.0	19.26	18.22
78.0	14.52	13.60
81.0	10.10	9.408
84.0	6.193	5.731
87.0	3.229	2.967
90.0	1.566	1.280
93.0	1.407	0.7996
96.0	1.432	0.7790
99.0	1.453	0.7790
102.0	1.478	0.8040
105.0	1.488	0.8342
108.0	1.503	0.8844
111.0	1.518	0.9197
114.0	1.528	0.9548
117.0	1.533	0.9951
120.0	1.543	1.040
123.0	1.548	1.076
126.0	1.563	1.121
129.0	1.573	1.161
132.0	1.583	1.196
135.0	1.588	1.246
138.0	1.603	1.296
141.0	1.623	1.332
144.0	1.648	1.402
147.0	1.669	1.422
150.0	1.684	1.472
153.0	1.704	1.508
156.0	1.729	1.563
159.0	1.749	1.583
162.0	1.769	1.623
165.0	1.784	1.663
168.0	1.794	1.709
171.0	1.814	1.734
174.0	1.829	1.764
177.0	1.834	1.799
180.0	1.834	1.804

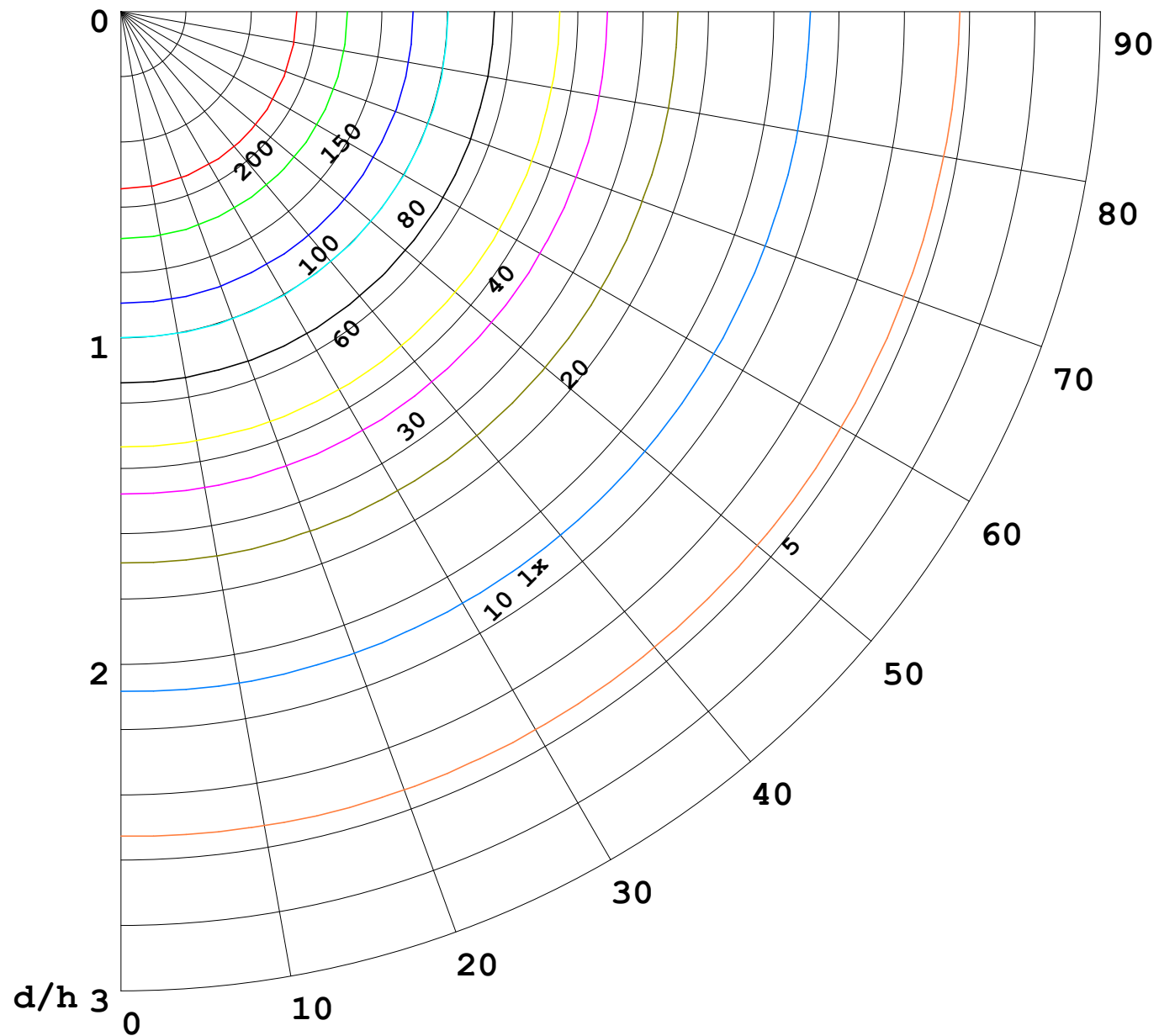
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:



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

