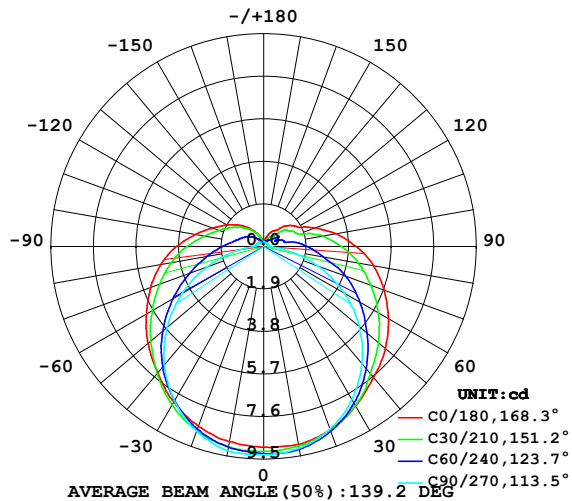


## LUMINAIRE PHOTOMETRIC TEST REPORT

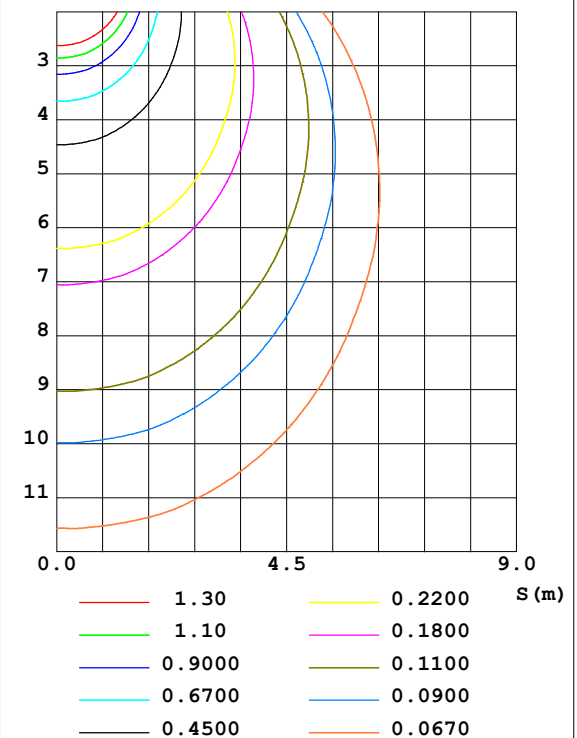
Test:U:24.00V I:0.2395A P:5.748W PF:1.000 Lamp Flux:42.3849x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-3000K-R	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303003
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 7.37 lm/W
MODEL	5050	I <sub>max</sub> (cd)	9.474	S/MH (C0/180)	1.37	
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	42.385	η UP, DN (C0-180)	8.9, 40.9	
NOMINAL FLUX (lm)	42.3849	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	9.3, 40.9	
LAMPS INSIDE	1	η up (%)	18.2	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	24.0	η down (%)	81.8	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



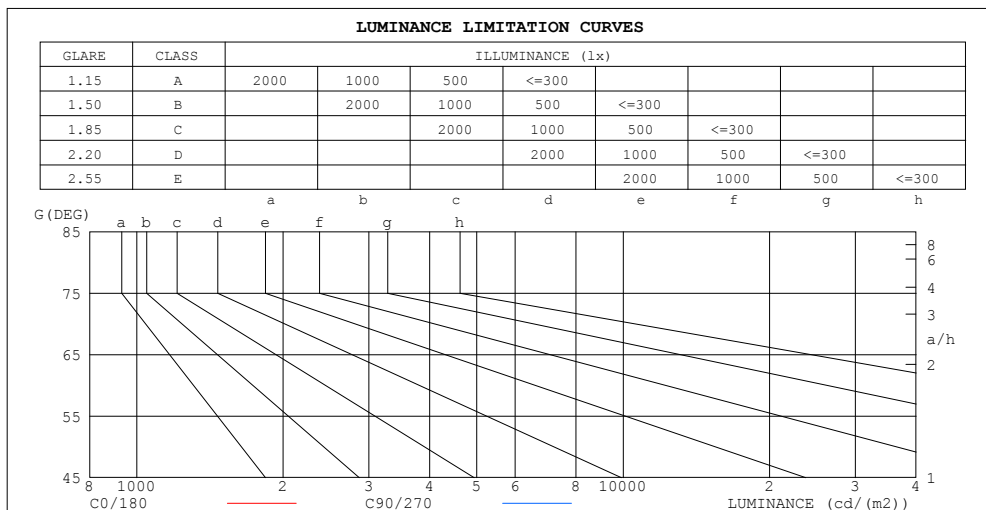
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-03-04

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	8.976	9.118	9.142	9.288	8.851	9.090	9.260	9.350	0- 10	0.8790	0.8790	2.07,2.07
20	8.699	8.744	8.678	8.869	8.539	8.713	8.776	8.993	10- 20	2.544	3.423	8.08,8.08
30	8.228	8.138	7.895	8.245	8.026	8.072	7.972	8.352	20- 30	3.918	7.342	17.3,17.3
40	7.640	7.272	6.842	7.373	7.361	7.213	6.899	7.507	30- 40	4.846	12.19	28.8,28.8
50	7.093	6.365	5.581	6.355	6.745	6.236	5.639	6.562	40- 50	5.270	17.46	41.2,41.2
60	6.435	5.433	4.147	5.305	6.052	5.225	4.212	5.571	50- 60	5.227	22.69	53.5,53.5
70	5.735	4.495	2.589	4.308	5.380	4.245	2.716	4.636	60- 70	4.776	27.46	64.8,64.8
80	4.980	3.498	1.072	3.425	4.667	3.386	1.296	3.722	70- 80	4.036	31.50	74.3,74.3
90	4.129	2.708	0.2494	2.670	3.905	2.632	0.4295	2.912	80- 90	3.187	34.68	81.8,81.8
100	3.298	1.936	0.2078	2.053	3.109	2.029	0.3740	2.185	90-100	2.449	37.13	87.6,87.6
110	2.425	1.243	0.2008	1.638	2.430	1.600	0.3324	1.607	100-110	1.792	38.93	91.8,91.8
120	1.759	1.059	0.1870	1.330	1.932	1.288	0.3048	1.223	110-120	1.292	40.22	94.9,94.9
130	1.455	0.8241	0.1870	1.046	1.495	1.001	0.2770	0.9383	120-130	0.9454	41.16	97.1,97.1
140	0.9842	0.5160	0.1870	0.7688	1.114	0.7445	0.2218	0.6097	130-140	0.6006	41.76	98.5,98.5
150	0.7898	0.3637	0.1870	0.5402	0.7407	0.5056	0.1801	0.4258	140-150	0.3486	42.11	99.4,99.4
160	0.5265	0.2666	0.1801	0.3531	0.4844	0.3290	0.1662	0.2806	150-160	0.1798	42.29	99.8,99.8
170	0.2425	0.2009	0.1801	0.2112	0.1800	0.2251	0.1593	0.2182	160-170	0.0741	42.37	100,100
180	0.1939	0.1939	0.1662	0.1974	0.1939	0.1939	0.1939	0.1974	170-180	0.0189	42.38	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	525	57
80	287	62
75	207	71
70	168	76
65	144	80
60	129	83
55	118	85
50	110	87
45	105	88

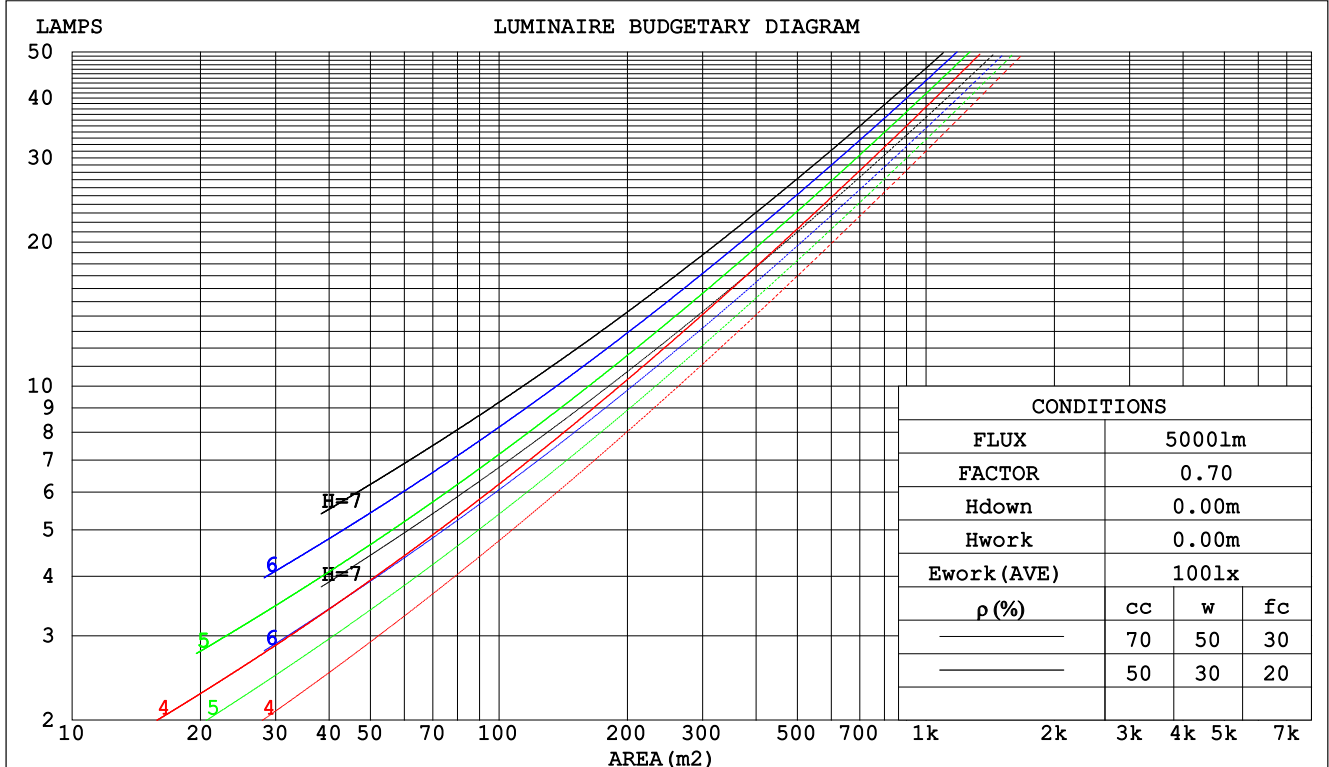
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-03-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2395A P:5.748W PF:1.000 Lamp Flux:42.3849x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-3000K-R	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303003
MFR.: OLYMPIA	SUR.:1.0*0.0115	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	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.85	.85	.85	.82
1.0	.96	.90	.85	.91	.87	.82	.84	.80	.76	.77	.74	.71	.70	.68	.65	.62
2.0	.82	.74	.67	.78	.71	.65	.72	.66	.61	.66	.61	.57	.60	.56	.53	.49
3.0	.71	.62	.55	.68	.60	.53	.62	.55	.50	.57	.51	.47	.52	.48	.44	.40
4.0	.62	.53	.46	.60	.51	.44	.55	.47	.42	.50	.44	.39	.46	.41	.37	.34
5.0	.55	.46	.39	.53	.44	.38	.49	.41	.36	.45	.39	.34	.41	.36	.32	.29
6.0	.49	.40	.33	.48	.39	.33	.44	.36	.31	.40	.34	.29	.37	.32	.27	.25
7.0	.45	.36	.29	.43	.35	.28	.40	.32	.27	.37	.30	.26	.34	.28	.24	.22
8.0	.41	.32	.26	.39	.31	.25	.36	.29	.24	.34	.27	.23	.31	.26	.22	.19
9.0	.37	.29	.23	.36	.28	.23	.33	.26	.21	.31	.25	.20	.29	.23	.19	.17
10.0	.34	.26	.21	.33	.25	.20	.31	.24	.19	.29	.23	.18	.27	.21	.18	.16



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-03-04

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:0.2395A P:5.748W PF:1.000 Lamp Flux:42.3849x1 lm					
NAME: SF21-24V-5050-70-SPI4-RGBW-3000K-R			TYPE: 硅胶		WEIGHT:
DIM.: 28MM*11.5MM			SPEC.:		SERIAL No.:202303003
MFR.: OLYMPIA			SUR.:1.0*0.0115		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	.385	.219	.069	.373	.213	.068	.349	.200	.064	.327	.188	.060	.306	.178	.057		
2.0	.333	.183	.056	.322	.177	.055	.300	.167	.052	.280	.157	.049	.262	.148	.047		
3.0	.296	.158	.047	.286	.153	.046	.266	.144	.044	.248	.136	.042	.231	.128	.040		
4.0	.266	.138	.041	.257	.134	.040	.239	.127	.038	.223	.120	.036	.207	.113	.034		
5.0	.242	.123	.036	.234	.120	.035	.217	.113	.033	.202	.107	.032	.188	.101	.030		
6.0	.222	.111	.032	.214	.108	.031	.199	.102	.030	.186	.096	.028	.173	.091	.027		
7.0	.205	.101	.029	.197	.098	.028	.184	.093	.027	.171	.088	.026	.160	.083	.024		
8.0	.190	.093	.026	.183	.090	.025	.171	.085	.024	.159	.081	.023	.148	.076	.022		
9.0	.177	.085	.024	.171	.083	.023	.159	.079	.022	.149	.075	.021	.139	.070	.020		
10.0	.165	.079	.022	.160	.077	.022	.149	.073	.021	.140	.069	.020	.130	.065	.019		

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	.329	.329	.329	.281	.281	.281	.192	.192	.192	.110	.110	.110	.035	.035	.035	
1.0	.325	.295	.268	.278	.253	.231	.190	.174	.159	.110	.101	.093	.035	.032	.030	
2.0	.318	.272	.233	.273	.234	.202	.187	.162	.141	.108	.094	.083	.035	.031	.027	
3.0	.311	.256	.212	.266	.221	.184	.183	.153	.129	.106	.090	.076	.034	.029	.025	
4.0	.303	.243	.198	.260	.210	.172	.179	.146	.121	.103	.086	.072	.033	.028	.024	
5.0	.295	.233	.188	.254	.202	.163	.175	.141	.115	.101	.083	.068	.033	.027	.023	
6.0	.288	.225	.181	.247	.195	.157	.171	.137	.111	.099	.080	.066	.032	.026	.022	
7.0	.281	.219	.176	.241	.190	.153	.167	.133	.108	.097	.078	.065	.031	.026	.021	
8.0	.274	.213	.172	.236	.185	.150	.163	.130	.106	.095	.077	.063	.031	.025	.021	
9.0	.268	.209	.169	.231	.181	.147	.160	.127	.104	.093	.075	.062	.030	.025	.021	
10.0	.262	.204	.166	.226	.177	.145	.157	.125	.103	.091	.074	.061	.030	.024	.020	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:WFW  
 Test Date:2023-03-04

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:0.2395A P:5.748W PF:1.000 Lamp Flux:42.3849x1 lm										
NAME.: SF21-24V-5050-70-SPI4-RGBW-3000K-R					TYPE:硅胶			WEIGHT:		
DIM.: 28MM*11.5MM					SPEC.:			SERIAL No.:202303003		
MFR.: OLYMPIA					SUR.:1.0*0.0115			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	4.6	6.0	5.1	6.5	7.1	3.0	4.4	3.5	4.9	5.5
3H	7.3	8.6	7.9	9.1	9.7	4.7	5.9	5.2	6.5	7.1
4H	8.8	10.0	9.4	10.6	11.2	5.3	6.6	5.9	7.1	7.7
6H	10.5	11.7	11.1	12.2	12.9	5.8	7.0	6.4	7.5	8.2
8H	11.5	12.6	12.0	13.1	13.8	6.0	7.1	6.6	7.7	8.3
12H	12.5	13.6	13.1	14.2	14.9	6.1	7.1	6.7	7.7	8.4
4H 2H	5.2	6.4	5.8	7.0	7.6	4.1	5.3	4.6	5.8	6.5
3H	8.2	9.2	8.8	9.8	10.5	6.0	7.1	6.6	7.7	8.4
4H	9.9	10.8	10.5	11.5	12.2	6.9	7.9	7.5	8.5	9.2
6H	11.8	12.6	12.4	13.3	14.0	7.6	8.5	8.2	9.1	9.8
8H	12.8	13.6	13.5	14.3	15.0	7.8	8.7	8.5	9.3	10.1
12H	14.0	14.8	14.7	15.4	16.2	8.0	8.8	8.7	9.5	10.2
8H 4H	10.2	11.0	10.9	11.7	12.5	7.9	8.7	8.5	9.3	10.1
6H	12.4	13.1	13.1	13.8	14.6	8.9	9.6	9.6	10.3	11.1
8H	13.7	14.3	14.4	15.0	15.8	9.4	10.0	10.1	10.7	11.6
12H	15.1	15.7	15.9	16.4	17.3	9.8	10.4	10.6	11.1	12.0
12H 4H	10.3	11.0	10.9	11.7	12.5	8.2	8.9	8.8	9.6	10.4
6H	12.5	13.2	13.3	13.9	14.7	9.5	10.1	10.2	10.8	11.6
8H	13.9	14.5	14.6	15.2	16.0	10.1	10.7	10.9	11.4	12.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 42.38 lm Total Lamp Luminous Flux. (8log(F/F0) = -11.0)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:WFW  
 Test Date:2023-03-04

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:0.2395A P:5.748W PF:1.000 Lamp Flux:42.3849x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-3000K-R	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303003
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

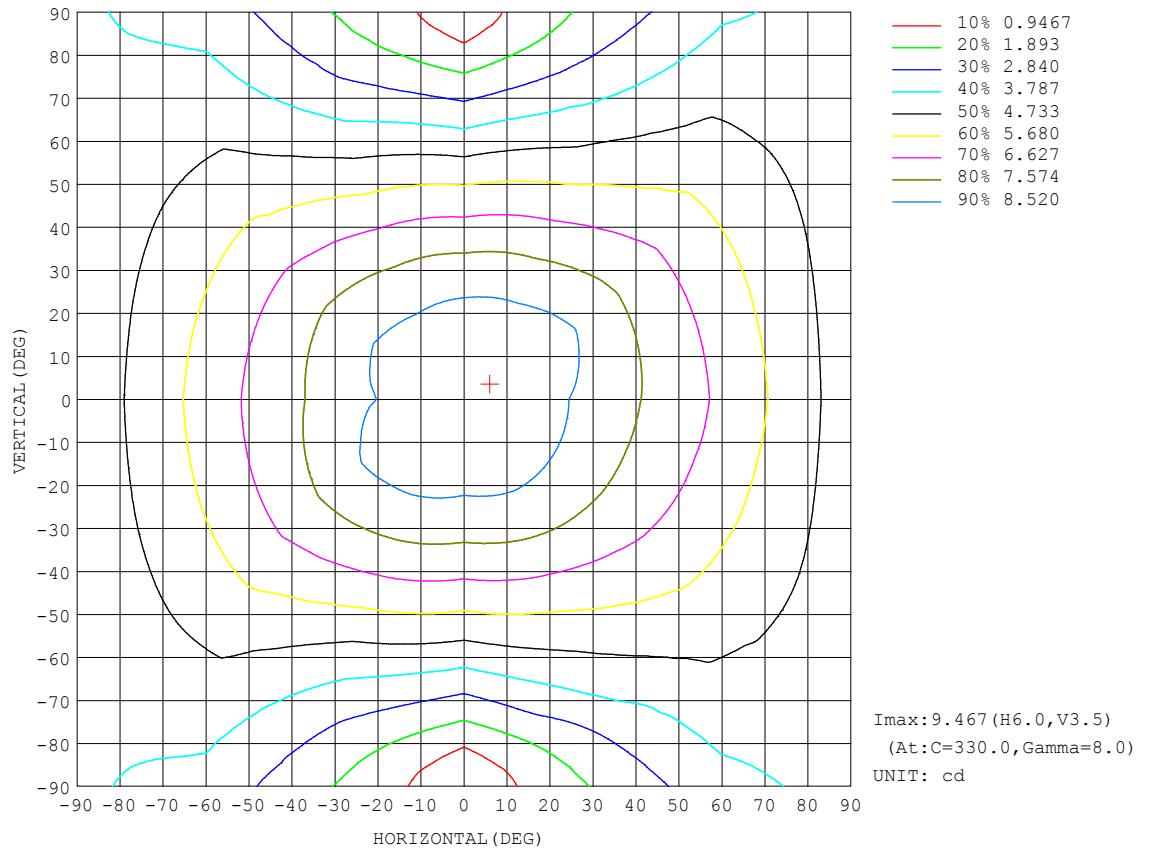
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	48	35	28	47	35	28	45	34	27	21
0.80	57	44	36	55	43	36	53	42	35	27
1.00	65	52	43	63	51	43	59	51	42	33
1.25	72	59	50	69	58	50	65	55	48	38
1.50	77	64	56	74	63	55	69	60	53	42
2.00	84	73	65	81	71	63	75	67	60	49
2.50	88	78	70	85	76	68	79	71	65	52
3.00	92	83	75	89	80	73	82	75	69	56
4.00	97	89	82	93	86	80	86	80	75	61
5.00	100	93	87	96	90	84	88	83	79	64
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:2023-03-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2395A P:5.748W PF:1.000 Lamp Flux:42.3849x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-3000K-R	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303003
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

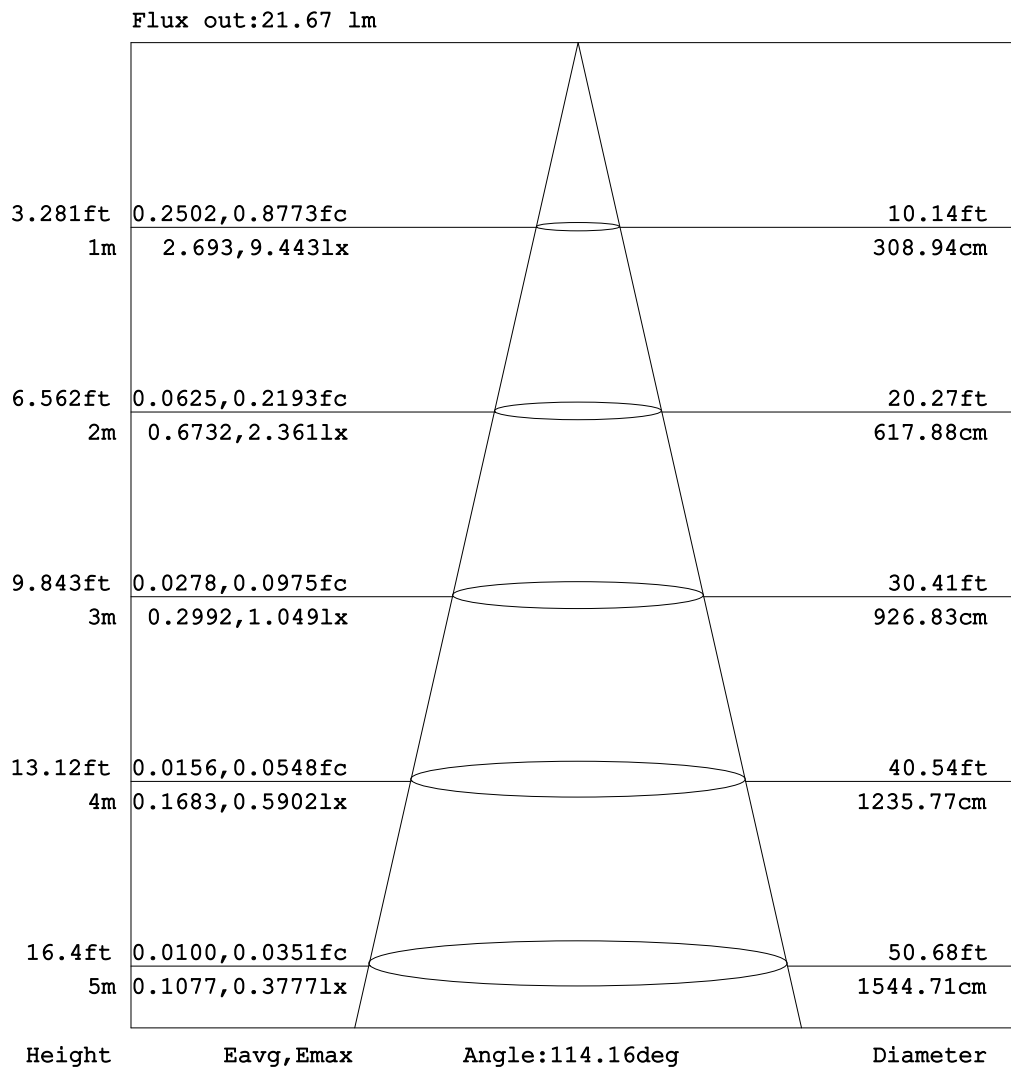


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-03-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2395A P:5.748W PF:1.000 Lamp Flux:42.3849x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-3000K-R	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303003
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:



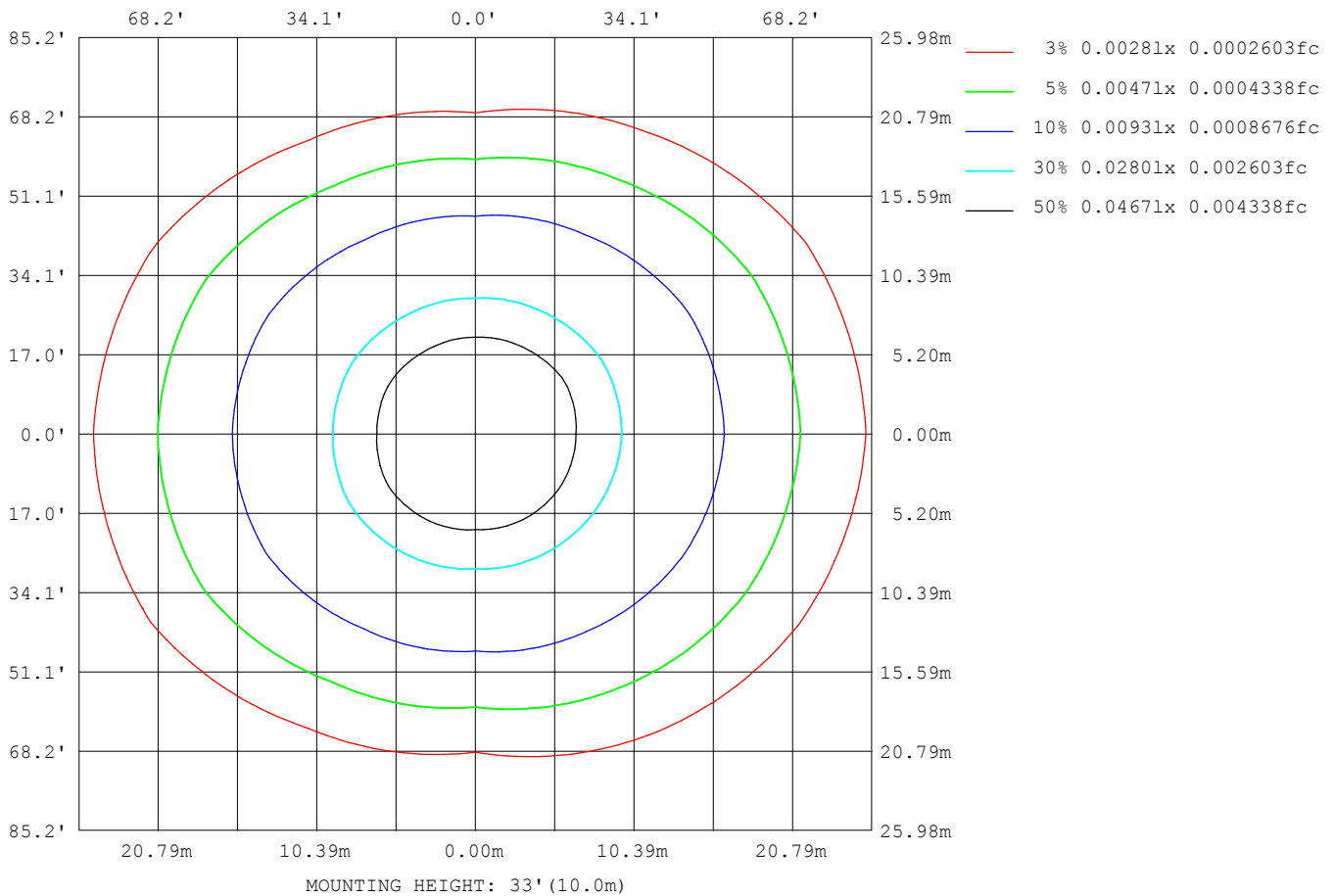
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-03-04

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

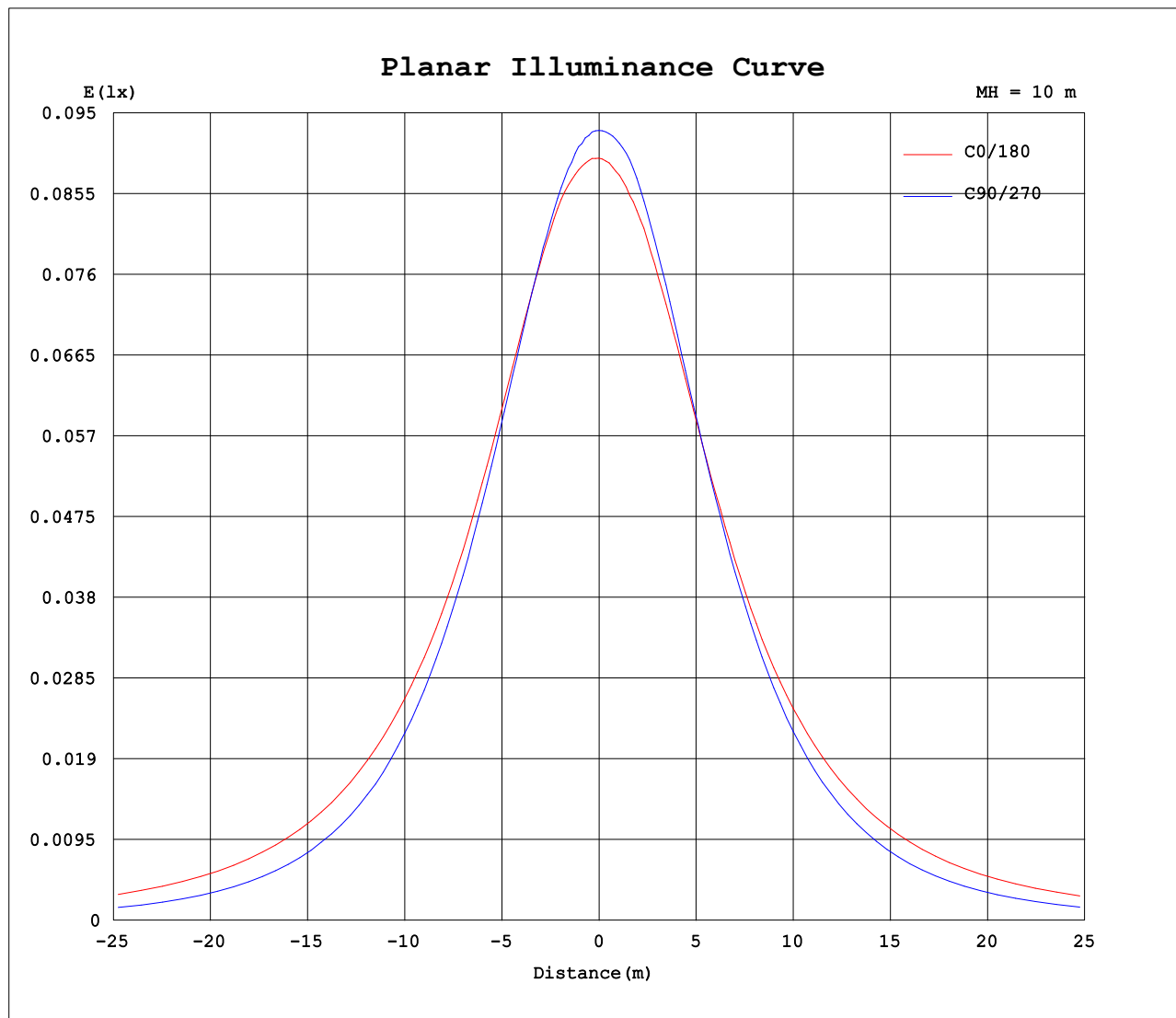
Test:U:24.00V I:0.2395A P:5.748W PF:1.000 Lamp Flux:42.3849x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-3000K-R	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303003
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-03-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 2023-03-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2395A P:5.748W PF:1.000 Lamp Flux:42.3849x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-3000K-R	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303003
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	8.97	9.15	9.25	9.29	9.38	9.43	8.97	9.15	9.25	9.29	9.38	9.43						
5	8.98	9.13	9.26	9.25	9.38	9.37	8.91	9.15	9.18	9.29	9.36	9.47						
10	8.98	9.04	9.20	9.14	9.29	9.29	8.85	9.08	9.10	9.26	9.26	9.44						
15	8.87	8.92	9.02	8.95	9.11	9.16	8.72	8.95	8.93	9.06	9.12	9.30						
20	8.70	8.71	8.78	8.68	8.79	8.95	8.54	8.75	8.68	8.78	8.86	9.12						
25	8.49	8.48	8.46	8.32	8.53	8.68	8.31	8.50	8.37	8.40	8.55	8.86						
30	8.23	8.20	8.08	7.89	8.13	8.36	8.03	8.18	7.96	7.97	8.16	8.55						
35	7.93	7.87	7.63	7.39	7.68	7.98	7.71	7.82	7.51	7.46	7.71	8.19						
40	7.64	7.42	7.12	6.84	7.18	7.57	7.36	7.40	7.02	6.90	7.22	7.79						
45	7.39	7.04	6.59	6.24	6.61	7.14	7.06	6.98	6.47	6.29	6.69	7.36						
50	7.09	6.70	6.03	5.58	5.99	6.72	6.74	6.59	5.89	5.64	6.14	6.99						
55	6.77	6.30	5.50	4.90	5.36	6.30	6.41	6.18	5.29	4.93	5.55	6.58						
60	6.43	5.91	4.96	4.15	4.73	5.88	6.05	5.76	4.69	4.21	4.98	6.16						
65	6.08	5.51	4.44	3.37	4.14	5.48	5.70	5.35	4.10	3.48	4.44	5.74						
70	5.74	5.09	3.90	2.59	3.56	5.06	5.38	4.95	3.54	2.72	3.94	5.33						
75	5.35	4.71	3.28	1.83	3.05	4.66	5.02	4.56	3.02	2.00	3.39	4.92						
80	4.98	4.29	2.70	1.07	2.58	4.27	4.67	4.19	2.58	1.30	2.93	4.52						
85	4.57	3.90	2.29	0.50	2.19	3.86	4.29	3.81	2.17	0.73	2.52	4.09						
90	4.13	3.48	1.94	0.25	1.86	3.48	3.91	3.42	1.84	0.43	2.17	3.66						
95	3.71	3.07	1.64	0.22	1.59	3.06	3.50	3.04	1.59	0.39	1.87	3.24						
100	3.30	2.70	1.17	0.21	1.39	2.71	3.11	2.69	1.36	0.37	1.52	2.85						
105	2.82	2.22	0.96	0.20	1.25	2.39	2.76	2.38	1.19	0.33	1.29	2.45						
110	2.43	1.65	0.84	0.20	1.14	2.14	2.43	2.13	1.07	0.33	1.12	2.09						
115	2.07	1.52	0.58	0.20	1.04	1.92	2.15	1.90	0.97	0.33	0.99	1.79						
120	1.76	1.39	0.73	0.19	0.94	1.72	1.93	1.70	0.87	0.30	0.87	1.58						
125	1.63	1.27	0.76	0.19	0.84	1.50	1.71	1.51	0.77	0.28	0.82	1.42						
130	1.46	1.10	0.55	0.19	0.73	1.36	1.50	1.34	0.66	0.28	0.66	1.22						
135	1.27	0.67	0.45	0.19	0.64	1.15	1.29	1.17	0.57	0.24	0.47	1.05						
140	0.98	0.63	0.40	0.19	0.55	0.98	1.11	1.01	0.48	0.22	0.40	0.82						
145	0.89	0.54	0.34	0.19	0.49	0.83	0.91	0.86	0.39	0.19	0.30	0.62						
150	0.79	0.44	0.29	0.19	0.42	0.66	0.74	0.69	0.32	0.18	0.28	0.57						
155	0.67	0.33	0.26	0.18	0.34	0.53	0.60	0.58	0.26	0.17	0.20	0.47						
160	0.53	0.28	0.25	0.18	0.29	0.42	0.48	0.46	0.19	0.17	0.19	0.37						
165	0.40	0.19	0.23	0.18	0.25	0.28	0.30	0.33	0.19	0.16	0.19	0.29						
170	0.24	0.19	0.21	0.18	0.22	0.20	0.18	0.26	0.19	0.16	0.19	0.24						
175	0.21	0.19	0.20	0.18	0.21	0.20	0.15	0.22	0.19	0.17	0.19	0.21						
180	0.19	0.19	0.19	0.17	0.19	0.20	0.19	0.19	0.19	0.19	0.19	0.20						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-03-04

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	8.969	9.149	9.246	9.294	9.378	9.433	8.969	9.149	9.246	9.294
3.0	8.976	9.135	9.260	9.274	9.378	9.405	8.948	9.149	9.211	9.294
6.0	8.976	9.101	9.260	9.253	9.378	9.357	8.913	9.156	9.177	9.294
9.0	8.976	9.066	9.225	9.176	9.309	9.315	8.851	9.101	9.135	9.288
12.0	8.948	9.017	9.136	9.079	9.219	9.246	8.810	9.038	9.038	9.191
15.0	8.872	8.920	9.018	8.948	9.108	9.163	8.719	8.948	8.927	9.059
18.0	8.782	8.795	8.886	8.795	8.956	9.045	8.615	8.845	8.802	8.893
21.0	8.665	8.685	8.727	8.608	8.789	8.913	8.491	8.699	8.615	8.706
24.0	8.540	8.539	8.533	8.407	8.596	8.747	8.359	8.547	8.414	8.485
27.0	8.388	8.373	8.319	8.158	8.381	8.580	8.200	8.374	8.199	8.249
30.0	8.228	8.200	8.077	7.895	8.132	8.359	8.026	8.180	7.964	7.972
33.0	8.055	8.019	7.820	7.604	7.869	8.144	7.847	7.965	7.701	7.675
36.0	7.868	7.790	7.529	7.285	7.585	7.922	7.645	7.737	7.416	7.356
39.0	7.688	7.500	7.232	6.946	7.280	7.659	7.437	7.488	7.132	7.017
42.0	7.536	7.258	6.906	6.599	6.955	7.389	7.244	7.231	6.807	6.664
45.0	7.390	7.043	6.588	6.239	6.609	7.140	7.057	6.982	6.468	6.290
48.0	7.217	6.828	6.262	5.823	6.241	6.911	6.877	6.746	6.121	5.895
51.0	7.037	6.607	5.916	5.442	5.861	6.641	6.683	6.504	5.761	5.494
54.0	6.843	6.385	5.597	5.034	5.494	6.385	6.475	6.262	5.408	5.092
57.0	6.636	6.149	5.272	4.584	5.113	6.149	6.267	6.005	5.041	4.635
60.0	6.435	5.907	4.960	4.147	4.732	5.879	6.052	5.756	4.694	4.212
63.0	6.220	5.672	4.648	3.697	4.372	5.630	5.838	5.500	4.327	3.762
66.0	6.006	5.422	4.344	3.219	4.018	5.395	5.637	5.264	3.981	3.319
69.0	5.791	5.180	4.011	2.748	3.679	5.145	5.443	5.022	3.642	2.875
72.0	5.576	4.924	3.679	2.284	3.347	4.910	5.256	4.793	3.316	2.425
75.0	5.355	4.709	3.278	1.834	3.048	4.661	5.021	4.565	3.019	1.996
78.0	5.133	4.487	2.903	1.363	2.757	4.418	4.813	4.350	2.728	1.559
81.0	4.904	4.224	2.612	0.9339	2.501	4.196	4.591	4.115	2.478	1.171
84.0	4.662	3.975	2.377	0.5878	2.273	3.940	4.362	3.893	2.264	0.8183
87.0	4.399	3.725	2.162	0.3183	2.065	3.718	4.148	3.664	2.042	0.5480
90.0	4.129	3.476	1.940	0.2494	1.864	3.476	3.905	3.422	1.842	0.4295
93.0	3.872	3.227	1.753	0.2354	1.691	3.227	3.642	3.193	1.675	0.3949
96.0	3.623	2.991	1.593	0.2147	1.545	2.991	3.413	2.972	1.516	0.3878
99.0	3.381	2.777	1.317	0.2078	1.420	2.770	3.178	2.764	1.392	0.3740
102.0	3.097	2.506	0.9425	0.2077	1.330	2.590	2.964	2.570	1.288	0.3601
105.0	2.820	2.216	0.9558	0.2008	1.254	2.389	2.756	2.383	1.191	0.3326
108.0	2.619	1.834	0.9075	0.2008	1.185	2.250	2.548	2.217	1.156	0.3324
111.0	2.356	1.620	0.8038	0.2008	1.122	2.091	2.368	2.078	1.053	0.3256
114.0	2.134	1.524	0.6174	0.2008	1.053	1.953	2.202	1.953	0.9902	0.3186
117.0	1.906	1.496	0.5748	0.2077	0.9907	1.828	2.057	1.815	0.9419	0.3048
120.0	1.759	1.392	0.7270	0.1870	0.9352	1.724	1.932	1.704	0.8724	0.2978
123.0	1.656	1.288	0.8240	0.1870	0.8730	1.599	1.800	1.586	0.8239	0.2840
126.0	1.600	1.267	0.6590	0.1870	0.8312	1.489	1.662	1.475	0.7547	0.2770
129.0	1.503	1.163	0.5820	0.1870	0.7689	1.371	1.537	1.365	0.7127	0.2702
132.0	1.379	0.9413	0.5127	0.1870	0.6927	1.260	1.412	1.268	0.6231	0.2424
135.0	1.275	0.6715	0.4504	0.1870	0.6443	1.149	1.295	1.171	0.5676	0.2493
138.0	1.102	0.6303	0.4225	0.1870	0.5888	1.046	1.184	1.074	0.4986	0.2216
141.0	0.9561	0.6231	0.3880	0.1870	0.5472	0.9486	1.066	0.9837	0.4429	0.2009
144.0	0.8867	0.5540	0.3396	0.1870	0.5057	0.8586	0.9279	0.9005	0.3878	0.1870
147.0	0.8520	0.5055	0.3256	0.1870	0.4573	0.7546	0.8447	0.7760	0.3873	0.1801
150.0	0.7898	0.4362	0.2912	0.1870	0.4227	0.6577	0.7407	0.6927	0.3184	0.1800
153.0	0.7275	0.3878	0.2704	0.1801	0.3535	0.5953	0.6437	0.6236	0.2701	0.1662
156.0	0.6444	0.3185	0.2632	0.1801	0.3257	0.5055	0.5676	0.5542	0.2490	0.1662
159.0	0.5405	0.2840	0.2494	0.1801	0.2910	0.4361	0.5053	0.4781	0.1939	0.1593
162.0	0.4643	0.2215	0.2425	0.1801	0.2634	0.3872	0.4083	0.4089	0.1939	0.1593
165.0	0.4019	0.1939	0.2287	0.1801	0.2494	0.2839	0.2975	0.3327	0.1939	0.1593
168.0	0.3327	0.1939	0.2216	0.1801	0.2354	0.2215	0.2349	0.2772	0.1939	0.1593
171.0	0.2287	0.1939	0.2078	0.1801	0.2148	0.2008	0.1731	0.2494	0.1939	0.1730
174.0	0.2079	0.1939	0.2078	0.1801	0.2078	0.2008	0.1591	0.2148	0.1939	0.1869
177.0	0.2008	0.1939	0.2008	0.1801	0.2078	0.2008	0.1939	0.1940	0.1939	0.1939
180.0	0.1939	0.1939	0.1939	0.1662	0.1939	0.2008	0.1939	0.1939	0.1939	0.1939
G/C	300.0	330.0								
0.0	9.378	9.433								
3.0	9.384	9.461								
6.0	9.363	9.468								
9.0	9.287	9.454								
12.0	9.211	9.385								
15.0	9.121	9.302								
18.0	8.975	9.198								
21.0	8.802	9.066								
24.0	8.615	8.900								
27.0	8.393	8.734								
30.0	8.158	8.547								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: WFW  
 Test Date: 2023-03-04

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:

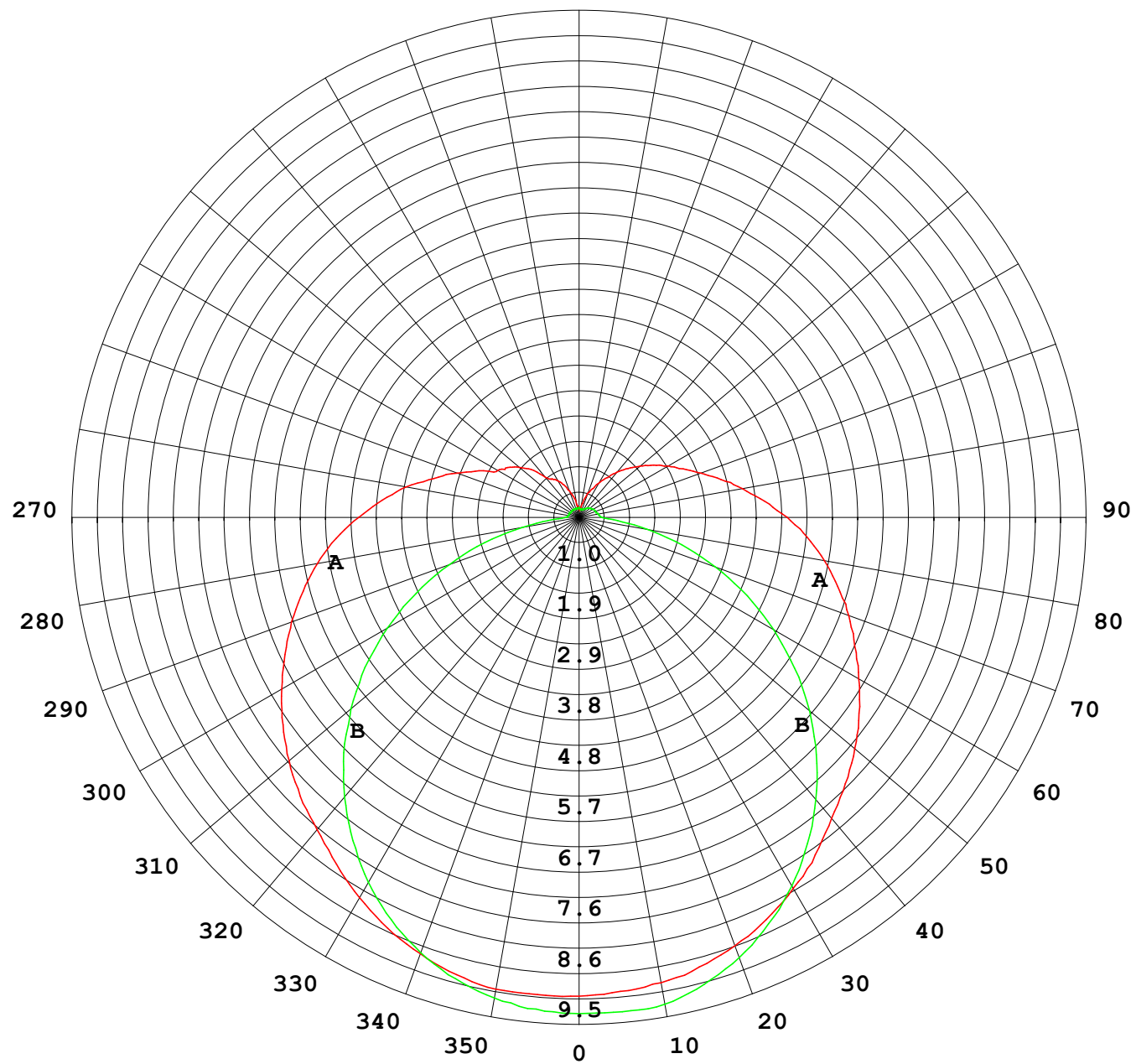
## Photometric Data Table [cd]

33.0	7.901	8.332
36.0	7.610	8.111
39.0	7.326	7.869
42.0	7.008	7.619
45.0	6.689	7.356
48.0	6.370	7.134
51.0	6.031	6.906
54.0	5.678	6.663
57.0	5.331	6.421
60.0	4.978	6.165
63.0	4.646	5.909
66.0	4.341	5.666
69.0	4.009	5.417
72.0	3.697	5.174
75.0	3.386	4.925
78.0	3.116	4.676
81.0	2.839	4.426
84.0	2.596	4.184
87.0	2.382	3.914
90.0	2.167	3.658
93.0	1.994	3.401
96.0	1.821	3.152
99.0	1.592	2.923
102.0	1.399	2.702
105.0	1.288	2.445
108.0	1.156	2.210
111.0	1.108	2.037
114.0	1.038	1.850
117.0	0.8862	1.718
120.0	0.8657	1.580
123.0	0.8310	1.475
126.0	0.7684	1.385
129.0	0.7058	1.261
132.0	0.5124	1.164
135.0	0.4705	1.046
138.0	0.4085	0.8798
141.0	0.3945	0.8241
144.0	0.3184	0.6861
147.0	0.2770	0.5749
150.0	0.2768	0.5749
153.0	0.2008	0.4783
156.0	0.2008	0.4504
159.0	0.1939	0.3880
162.0	0.1939	0.3395
165.0	0.1939	0.2910
168.0	0.1939	0.2563
171.0	0.1939	0.2355
174.0	0.1939	0.2216
177.0	0.1939	0.2078
180.0	0.1939	0.2008

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-03-04

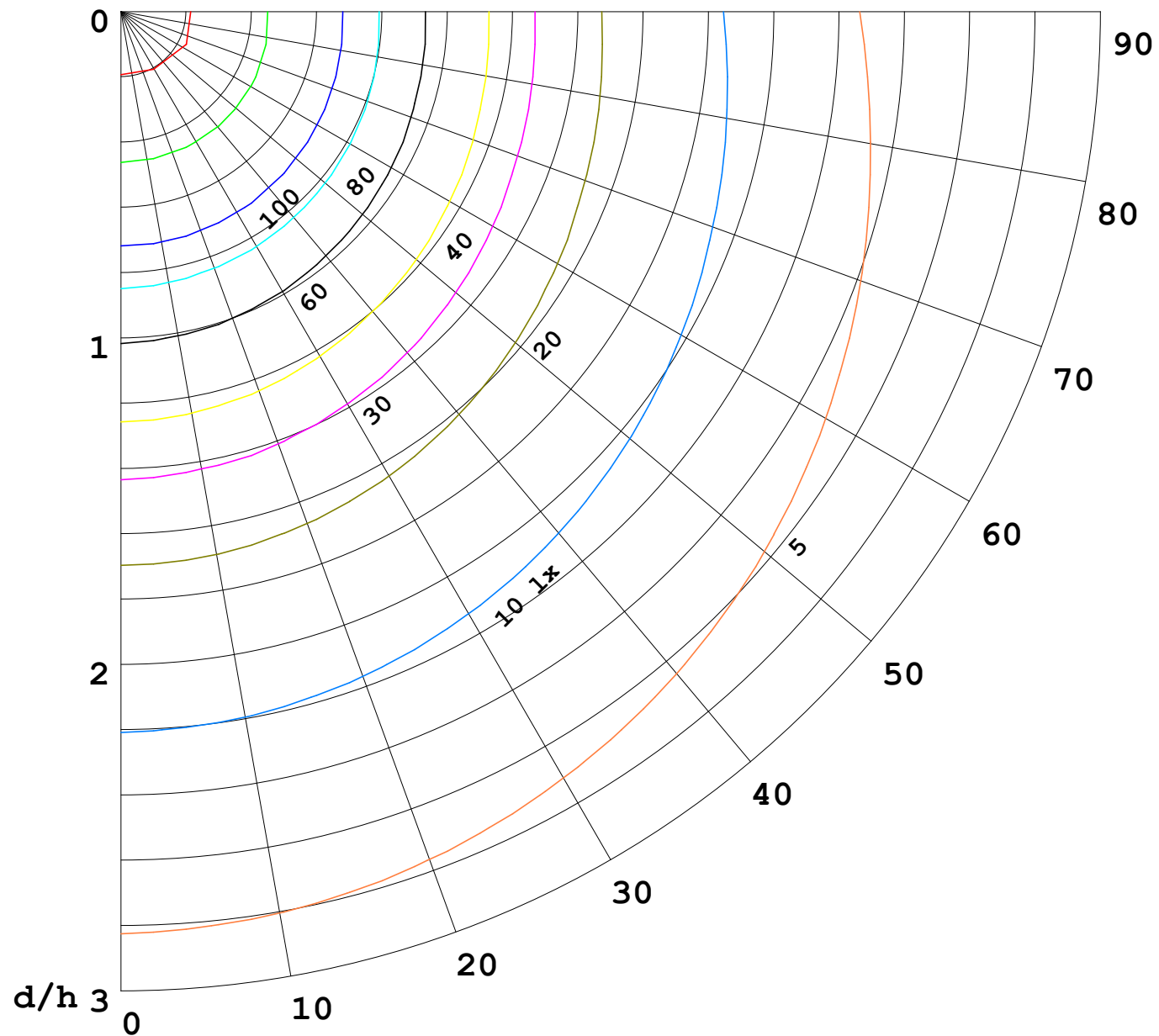
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

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

