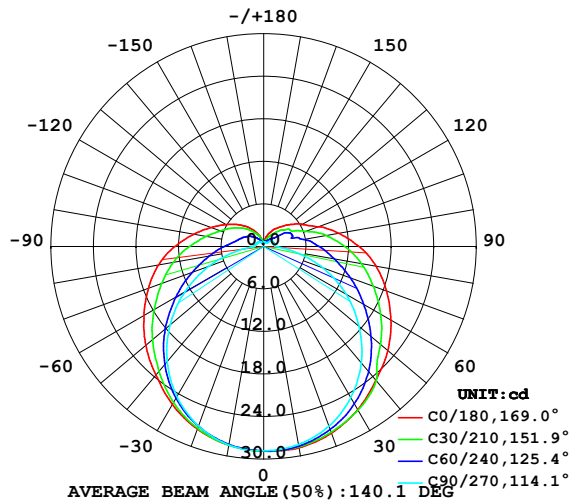


LUMINAIRE PHOTOMETRIC TEST REPORT

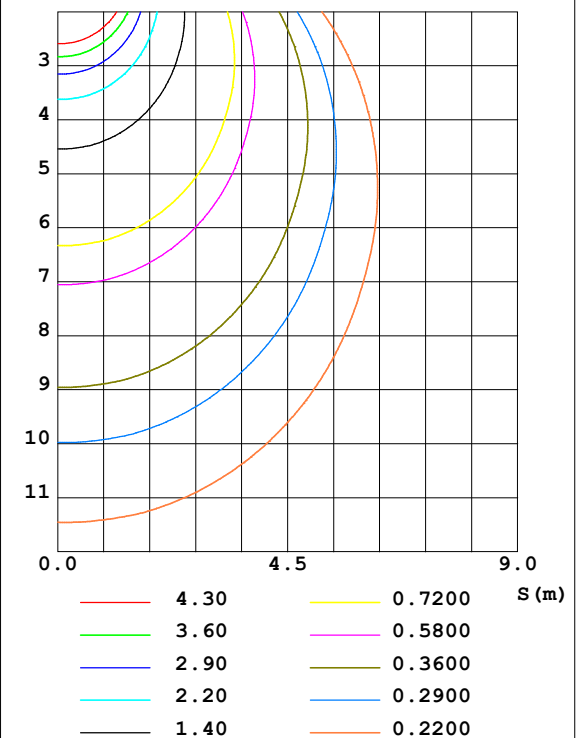
Test:U:24.00V I:0.2358A P:5.659W PF:1.000 Lamp Flux:134.852x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-5000K-W	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303006
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 23.83 lm/W			
MODEL	5050	I _{max} (cd)	28.91	S/MH (C0/180)	1.37
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	134.85	η UP, DN (C0-180)	9.5, 40.9
NOMINAL FLUX (lm)	134.852	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	9.5, 40.1
LAMPS INSIDE	1	η up (%)	19.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24.0	η down (%)	81.0	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



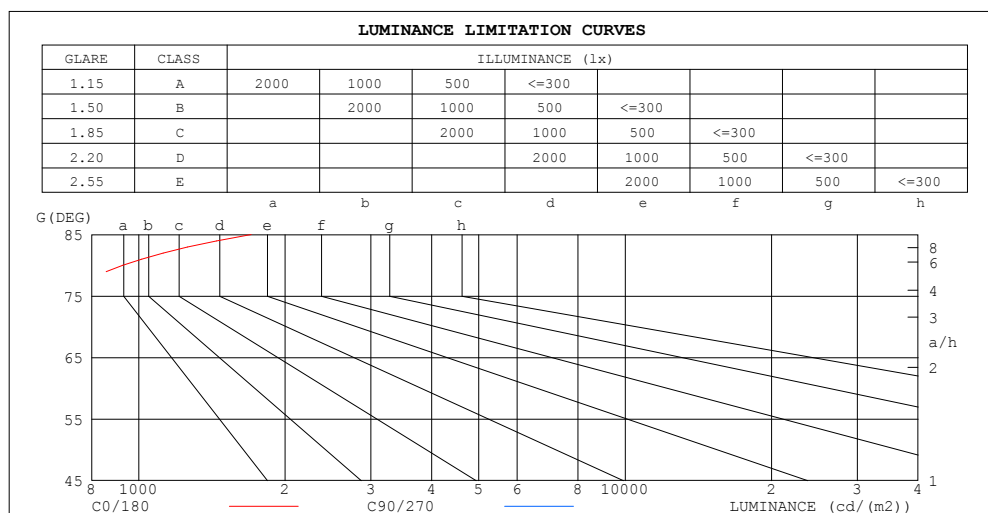
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-04

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	28.83	28.64	28.36	28.34	28.44	28.40	28.42	28.67	0- 10	2.739	2.739	2.03,2.03
20	28.01	27.65	26.95	27.07	27.41	27.14	26.95	27.62	10- 20	7.920	10.66	7.9,7.9
30	26.56	26.12	24.60	25.05	25.76	25.09	24.46	25.77	20- 30	12.22	22.88	17,17
40	24.62	23.87	21.42	22.34	23.66	22.35	21.20	23.30	30- 40	15.18	38.06	28.2,28.2
50	22.86	20.66	17.59	19.36	21.72	19.31	17.24	20.41	40- 50	16.54	54.60	40.5,40.5
60	20.73	17.68	13.41	16.10	19.51	16.07	12.82	17.38	50- 60	16.42	71.02	52.7,52.7
70	18.45	14.75	8.903	13.06	17.32	13.04	8.280	14.47	60- 70	15.04	86.07	63.8,63.8
80	16.11	12.05	4.450	10.34	15.07	10.36	3.799	11.76	70- 80	12.83	98.90	73.3,73.3
90	13.45	9.644	1.751	7.978	12.53	8.027	1.413	9.412	80- 90	10.29	109.2	81,81
100	10.78	7.363	1.447	6.178	10.02	6.213	1.281	7.244	90-100	8.016	117.2	86.9,86.9
110	8.149	5.328	1.496	4.848	7.887	4.942	1.171	5.393	100-110	6.017	123.2	91.4,91.4
120	6.269	4.215	1.392	3.826	6.204	4.000	1.074	4.311	110-120	4.426	127.7	94.7,94.7
130	4.815	2.753	1.191	2.964	4.826	3.134	0.9973	3.220	120-130	3.141	130.8	97,97
140	3.637	1.977	0.6785	2.209	3.600	2.338	0.9143	2.092	130-140	2.014	132.8	98.5,98.5
150	2.702	1.343	0.6025	1.520	2.478	1.596	0.6512	1.413	140-150	1.156	134.0	99.3,99.3
160	1.802	0.9382	0.6025	0.9832	1.495	1.018	0.5748	0.9905	150-160	0.5866	134.5	99.8,99.8
170	0.8105	0.7134	0.6234	0.6406	0.6372	0.6651	0.5748	0.7342	160-170	0.2421	134.8	100,100
180	0.6510	0.6441	0.6372	0.6406	0.6372	0.6372	0.6233	0.6441	170-180	0.0628	134.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1703	306
80	927	256
75	668	256
70	539	260
65	464	265
60	415	268
55	381	271
50	356	274
45	336	277

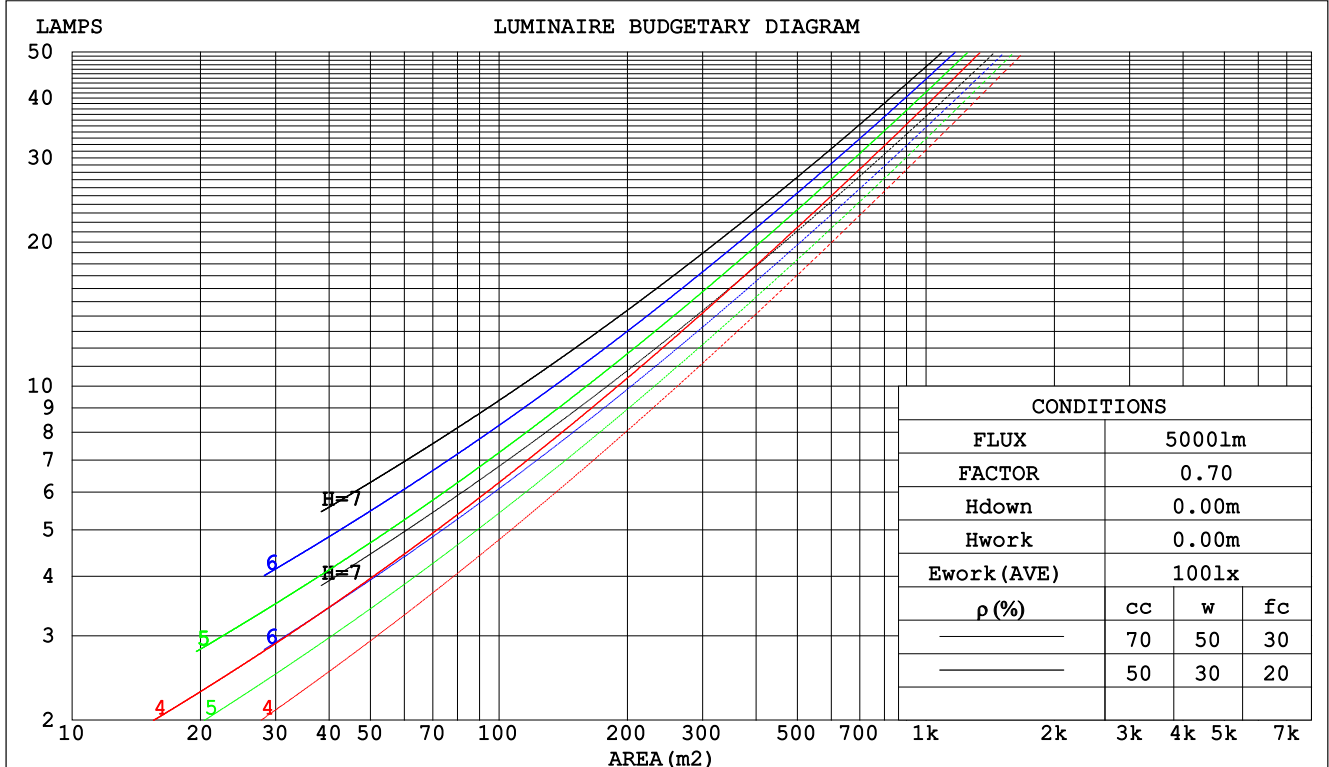
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-04

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2358A P:5.659W PF:1.000 Lamp Flux:134.852x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-5000K-W	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303006
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	.92	.92	.92	.85	.85	.85	.81
1.0	.95	.90	.85	.91	.86	.82	.83	.79	.76	.76	.73	.70	.69	.67	.65	.61
2.0	.81	.74	.67	.78	.71	.65	.71	.65	.60	.65	.60	.56	.59	.55	.52	.49
3.0	.71	.62	.54	.68	.59	.53	.62	.55	.49	.56	.51	.46	.52	.47	.43	.40
4.0	.62	.53	.45	.59	.51	.44	.54	.47	.41	.50	.44	.39	.45	.40	.36	.33
5.0	.55	.46	.39	.53	.44	.37	.48	.41	.35	.44	.38	.33	.41	.35	.31	.28
6.0	.49	.40	.33	.47	.39	.32	.44	.36	.31	.40	.34	.29	.37	.31	.27	.25
7.0	.44	.35	.29	.43	.34	.28	.39	.32	.27	.36	.30	.25	.33	.28	.24	.21
8.0	.40	.32	.26	.39	.31	.25	.36	.29	.24	.33	.27	.22	.31	.25	.21	.19
9.0	.37	.29	.23	.36	.28	.22	.33	.26	.21	.31	.24	.20	.28	.23	.19	.17
10.0	.34	.26	.21	.33	.25	.20	.30	.24	.19	.28	.22	.18	.26	.21	.17	.15



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:0.2358A P:5.659W PF:1.000 Lamp Flux:134.852x1 lm					
NAME: SF21-24V-5050-70-SPI4-RGBW-5000K-W			TYPE: 硅胶		WEIGHT:
DIM.: 28MM*11.5MM			SPEC.:		SERIAL No.:202303006
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	.387	.220	.070	.374	.213	.068	.349	.200	.064	.327	.188	.060	.306	.177	.057		
2.0	.334	.183	.056	.322	.177	.055	.300	.167	.052	.280	.157	.049	.261	.147	.046		
3.0	.296	.158	.047	.286	.153	.046	.266	.144	.044	.247	.135	.042	.230	.127	.039		
4.0	.266	.138	.041	.257	.134	.040	.239	.127	.038	.222	.119	.036	.206	.112	.034		
5.0	.242	.123	.036	.233	.120	.035	.217	.113	.033	.202	.106	.032	.187	.100	.030		
6.0	.222	.111	.032	.214	.108	.031	.199	.102	.030	.185	.096	.028	.172	.090	.027		
7.0	.204	.101	.029	.197	.098	.028	.183	.093	.027	.171	.087	.025	.158	.082	.024		
8.0	.190	.093	.026	.183	.090	.025	.170	.085	.024	.158	.080	.023	.147	.076	.022		
9.0	.177	.085	.024	.171	.083	.023	.159	.079	.022	.148	.074	.021	.138	.070	.020		
10.0	.165	.079	.022	.160	.077	.022	.149	.073	.021	.139	.069	.020	.129	.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	.335	.335	.335	.287	.287	.287	.196	.196	.196	.112	.112	.112	.036	.036	.036	
1.0	.332	.302	.274	.284	.259	.236	.194	.178	.163	.112	.103	.095	.036	.033	.031	
2.0	.325	.279	.240	.278	.240	.208	.191	.166	.145	.110	.097	.085	.035	.031	.028	
3.0	.317	.262	.219	.272	.226	.189	.187	.157	.133	.108	.092	.078	.035	.030	.026	
4.0	.310	.250	.204	.266	.216	.178	.183	.151	.125	.106	.088	.074	.034	.029	.024	
5.0	.302	.240	.195	.259	.208	.169	.179	.145	.120	.103	.085	.071	.033	.028	.023	
6.0	.295	.232	.188	.253	.201	.163	.175	.141	.116	.101	.083	.069	.033	.027	.023	
7.0	.287	.226	.182	.247	.196	.159	.171	.137	.113	.099	.081	.067	.032	.026	.022	
8.0	.281	.220	.178	.242	.191	.156	.167	.134	.110	.097	.079	.066	.031	.026	.022	
9.0	.275	.215	.175	.236	.187	.153	.164	.131	.109	.095	.078	.065	.031	.025	.021	
10.0	.269	.211	.173	.232	.183	.151	.161	.129	.107	.094	.076	.064	.030	.025	.021	

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:0.2358A P:5.659W PF:1.000 Lamp Flux:134.852x1 lm											
NAME: SF21-24V-5050-70-SPI4-RGBW-5000K-W						TYPE:硅胶		WEIGHT:			
DIM.: 28MM*11.5MM						SPEC.:		SERIAL No.:202303006			
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	2H	8.7	10.1	9.2	10.6	11.2	7.2	8.5	7.7	9.0	9.6
	3H	11.4	12.7	12.0	13.2	13.9	8.9	10.2	9.5	10.7	11.3
	4H	12.9	14.1	13.5	14.7	15.4	9.7	10.9	10.3	11.5	12.1
	6H	14.6	15.8	15.2	16.3	17.0	10.3	11.5	10.9	12.1	12.7
	8H	15.6	16.7	16.2	17.3	17.9	10.6	11.7	11.2	12.3	13.0
	12H	16.6	17.7	17.3	18.3	19.0	10.8	11.9	11.5	12.5	13.2
4H	2H	9.3	10.5	9.9	11.1	11.8	8.2	9.4	8.8	10.0	10.6
	3H	12.3	13.3	12.9	13.9	14.6	10.3	11.3	10.9	11.9	12.6
	4H	14.0	14.9	14.6	15.6	16.3	11.3	12.2	11.9	12.9	13.6
	6H	15.9	16.7	16.5	17.4	18.1	12.2	13.0	12.8	13.7	14.4
	8H	16.9	17.7	17.6	18.4	19.2	12.5	13.3	13.2	14.0	14.8
	12H	18.1	18.9	18.8	19.6	20.4	12.9	13.6	13.6	14.3	15.1
8H	4H	14.4	15.2	15.0	15.8	16.6	12.2	13.0	12.9	13.7	14.5
	6H	16.6	17.2	17.3	17.9	18.8	13.5	14.2	14.2	14.9	15.7
	8H	17.8	18.4	18.5	19.2	20.0	14.2	14.8	14.9	15.5	16.3
	12H	19.3	19.8	20.0	20.6	21.4	14.8	15.3	15.5	16.0	16.9
12H	4H	14.4	15.2	15.1	15.9	16.7	12.5	13.3	13.2	14.0	14.8
	6H	16.7	17.3	17.4	18.0	18.9	14.0	14.7	14.8	15.4	16.2
	8H	18.1	18.6	18.8	19.4	20.2	14.9	15.4	15.6	16.1	17.0
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					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 134.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -7.0)

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:0.2358A P:5.659W PF:1.000 Lamp Flux:134.852x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-5000K-W	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303006
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

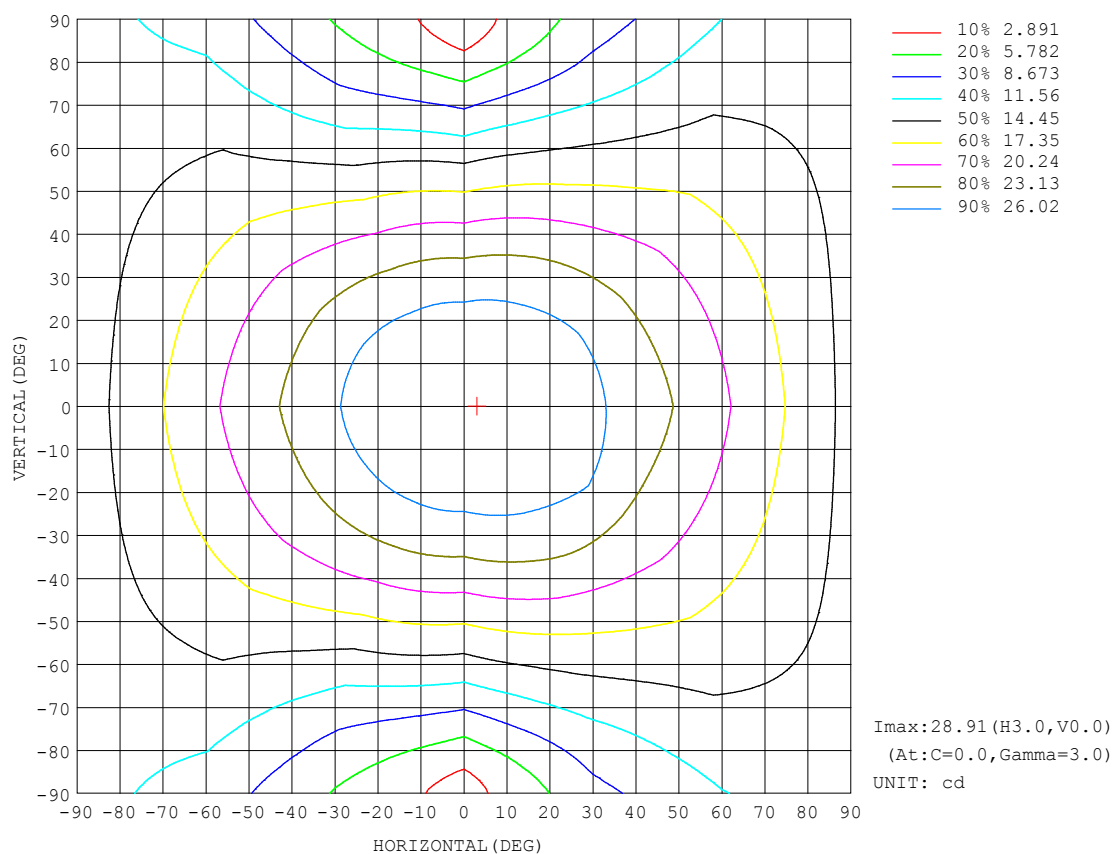
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	35	28	46	35	28	44	34	27	20
0.80	57	44	36	55	43	35	52	41	34	26
1.00	64	51	43	62	50	42	59	51	41	32
1.25	71	58	50	69	57	49	64	54	47	38
1.50	76	64	55	74	62	54	69	59	52	42
2.00	84	72	64	80	70	63	75	66	60	48
2.50	88	78	70	85	75	68	78	71	64	52
3.00	92	82	75	88	80	73	81	74	69	55
4.00	97	88	82	92	85	79	85	79	74	60
5.00	100	93	87	95	89	84	88	83	78	63
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

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:0.2358A P:5.659W PF:1.000 Lamp Flux:134.852x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-5000K-W	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303006
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

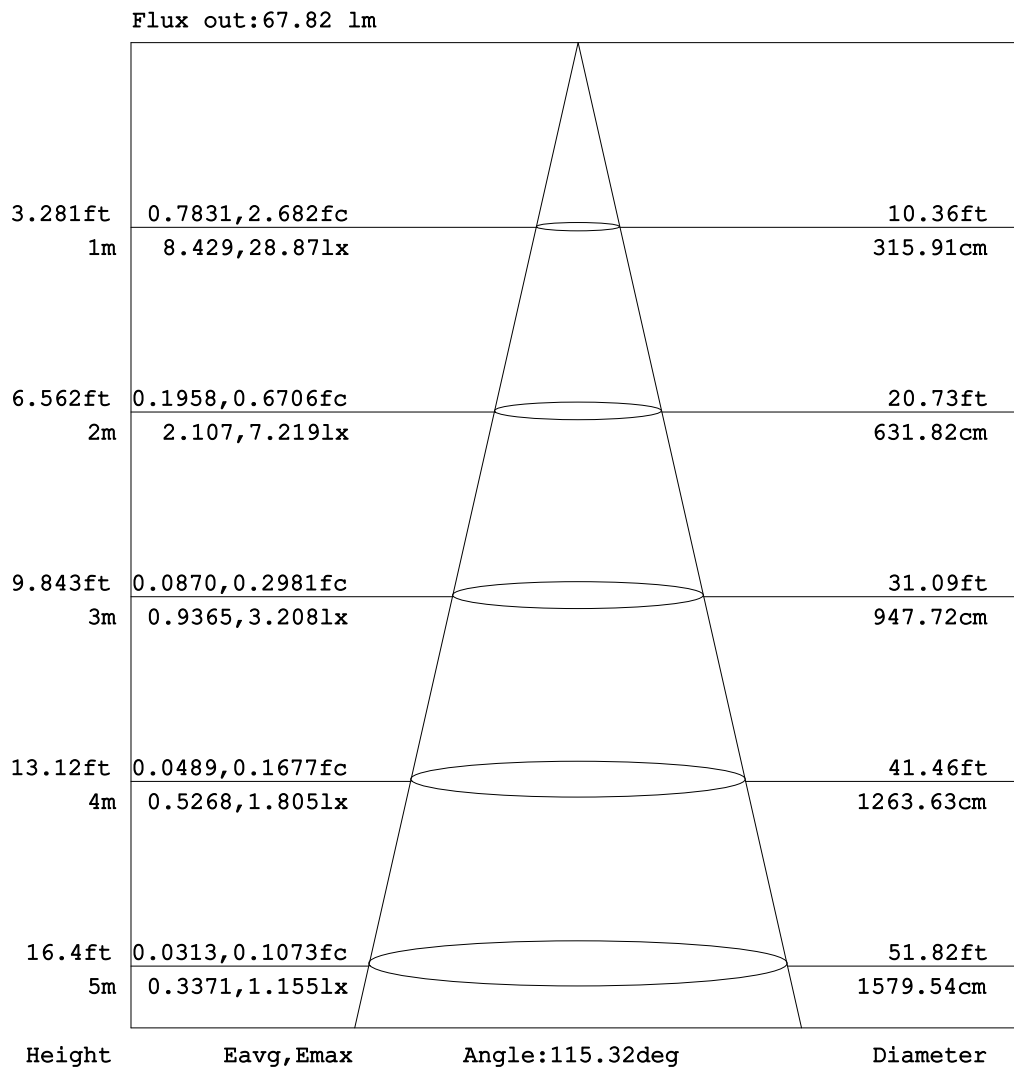


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-04

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:0.2358A P:5.659W PF:1.000 Lamp Flux:134.852x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-5000K-W	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303006
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:



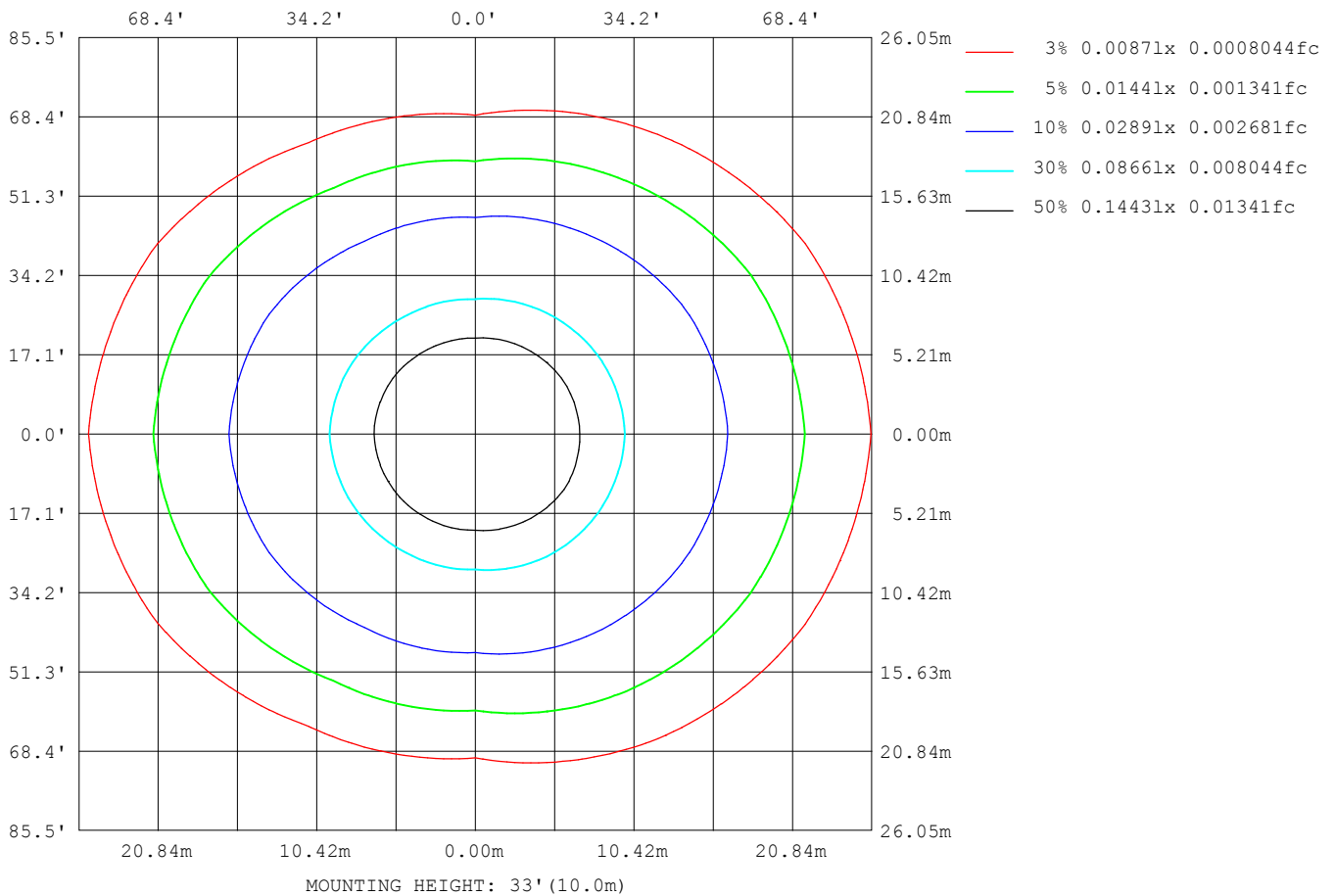
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

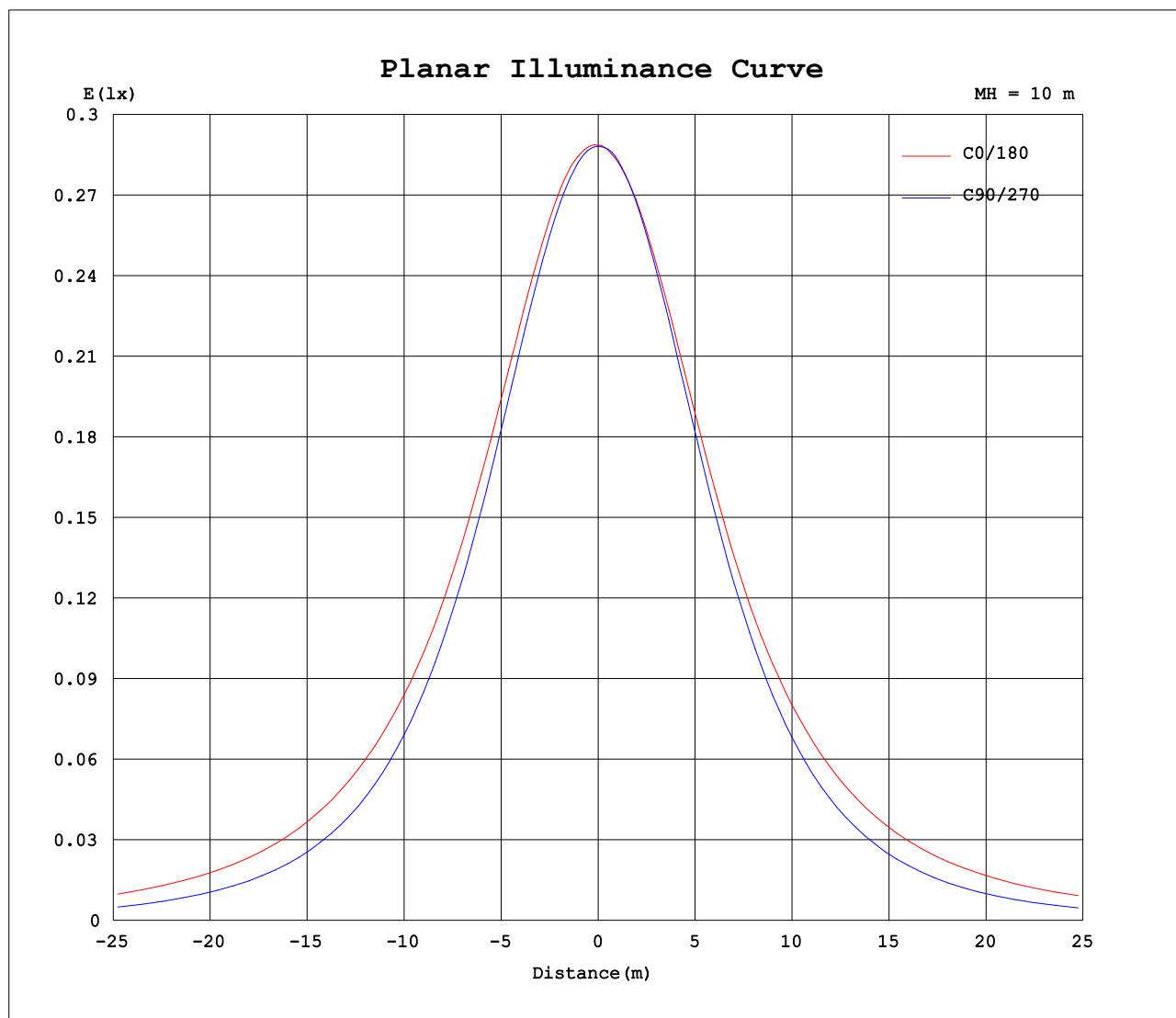
Test:U:24.00V I:0.2358A P:5.659W PF:1.000 Lamp Flux:134.852x1 lm		
NAME: SF21-24V-5050-70-SPI4-RGBW-5000K-W	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:202303006
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:



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

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: 2023-03-04

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2358A P:5.659W PF:1.000 Lamp Flux:134.852x1 lm																	
NAME: SF21-24V-5050-70-SPI4-RGBW-5000K-W									TYPE: 硅胶			WEIGHT:					
DIM.: 28MM*11.5MM									SPEC.:			SERIAL No.:202303006					
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	28.9	28.9	28.8	28.8	28.8	28.8	28.9	28.9	28.8	28.8	28.8	28.8						
5	28.9	28.9	28.8	28.7	28.7	28.6	28.7	28.8	28.7	28.8	28.8	28.8						
10	28.8	28.7	28.6	28.4	28.4	28.3	28.4	28.5	28.3	28.4	28.5	28.8						
15	28.5	28.3	28.1	27.8	27.8	27.8	28.0	28.0	27.8	27.8	28.1	28.5						
20	28.0	27.9	27.4	27.0	27.0	27.1	27.4	27.3	27.0	27.0	27.3	27.9						
25	27.3	27.3	26.6	25.9	26.0	26.3	26.7	26.5	26.0	25.8	26.4	27.2						
30	26.6	26.6	25.6	24.6	24.8	25.3	25.8	25.4	24.7	24.5	25.3	26.3						
35	25.6	25.8	24.4	23.1	23.4	24.1	24.7	24.3	23.3	22.9	24.0	25.2						
40	24.6	24.7	23.0	21.4	21.9	22.8	23.7	23.0	21.7	21.2	22.6	24.0						
45	23.8	22.7	21.5	19.6	20.2	21.6	22.7	21.7	20.0	19.3	21.0	22.7						
50	22.9	21.5	19.8	17.6	18.4	20.4	21.7	20.5	18.1	17.2	19.3	21.5						
55	21.8	20.3	18.0	15.5	16.4	19.1	20.6	19.2	16.2	15.1	17.5	20.3						
60	20.7	19.1	16.3	13.4	14.5	17.7	19.5	17.8	14.3	12.8	15.7	19.1						
65	19.6	17.8	14.7	11.2	12.6	16.4	18.4	16.6	12.5	10.6	14.0	17.8						
70	18.4	16.5	13.0	8.90	10.9	15.2	17.3	15.3	10.8	8.28	12.4	16.5						
75	17.3	15.2	11.5	6.62	9.27	14.0	16.2	14.1	9.15	5.95	10.8	15.3						
80	16.1	14.0	10.1	4.45	7.87	12.8	15.1	12.9	7.79	3.80	9.46	14.1						
85	14.8	12.8	8.93	2.66	6.66	11.6	13.8	11.7	6.60	2.14	8.31	12.8						
90	13.5	11.4	7.84	1.75	5.59	10.4	12.5	10.5	5.57	1.41	7.26	11.6						
95	12.1	10.2	6.93	1.56	4.76	9.25	11.2	9.30	4.74	1.34	6.38	10.3						
100	10.8	9.00	5.72	1.45	4.16	8.20	10.0	8.28	4.15	1.28	5.34	9.14						
105	9.52	7.71	4.90	1.45	3.70	7.24	8.92	7.29	3.73	1.21	4.60	7.88						
110	8.15	6.29	4.37	1.50	3.31	6.38	7.89	6.48	3.40	1.17	4.11	6.67						
115	7.04	5.34	4.29	1.45	2.99	5.63	7.01	5.79	3.10	1.13	3.55	5.89						
120	6.27	4.48	3.95	1.39	2.68	4.97	6.20	5.19	2.81	1.07	3.37	5.25						
125	5.65	4.29	2.87	1.32	2.38	4.39	5.48	4.61	2.52	1.05	2.88	4.56						
130	4.82	3.65	1.86	1.19	2.07	3.86	4.83	4.07	2.20	1.00	2.37	4.07						
135	4.21	3.19	1.59	0.86	1.77	3.36	4.21	3.54	1.91	0.96	2.01	3.53						
140	3.64	2.60	1.36	0.68	1.54	2.87	3.60	3.05	1.63	0.91	1.50	2.68						
145	3.14	2.10	1.14	0.62	1.34	2.40	3.04	2.56	1.34	0.75	1.27	2.22						
150	2.70	1.72	0.96	0.60	1.09	1.95	2.48	2.11	1.09	0.65	1.04	1.79						
155	2.20	1.36	0.85	0.60	0.89	1.58	1.93	1.70	0.82	0.60	0.86	1.53						
160	1.80	1.06	0.82	0.60	0.75	1.22	1.50	1.35	0.69	0.57	0.76	1.22						
165	1.37	0.84	0.78	0.62	0.65	0.84	1.03	0.96	0.60	0.57	0.69	0.99						
170	0.81	0.71	0.71	0.62	0.64	0.64	0.64	0.73	0.60	0.57	0.64	0.83						
175	0.70	0.64	0.67	0.64	0.63	0.64	0.64	0.66	0.64	0.58	0.64	0.70						
180	0.65	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.62	0.64	0.65						

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	28.86	28.87	28.82	28.82	28.85	28.81	28.86	28.87	28.82	28.82
3.0	28.91	28.87	28.84	28.78	28.83	28.75	28.79	28.84	28.77	28.82
6.0	28.90	28.86	28.82	28.65	28.67	28.60	28.67	28.71	28.63	28.73
9.0	28.87	28.76	28.65	28.44	28.45	28.40	28.51	28.53	28.42	28.52
12.0	28.72	28.58	28.42	28.15	28.15	28.15	28.29	28.29	28.13	28.20
15.0	28.50	28.34	28.11	27.78	27.79	27.83	28.01	27.98	27.77	27.81
18.0	28.22	28.08	27.74	27.31	27.33	27.44	27.67	27.60	27.31	27.31
21.0	27.88	27.76	27.30	26.77	26.83	26.96	27.29	27.13	26.80	26.73
24.0	27.49	27.41	26.82	26.14	26.24	26.48	26.83	26.64	26.19	26.06
27.0	27.05	27.03	26.26	25.42	25.56	25.91	26.32	26.06	25.51	25.31
30.0	26.56	26.63	25.62	24.60	24.80	25.30	25.76	25.43	24.74	24.46
33.0	26.02	26.19	24.92	23.74	23.98	24.59	25.15	24.74	23.89	23.55
36.0	25.43	25.64	24.15	22.79	23.15	23.83	24.50	24.01	23.01	22.59
39.0	24.82	25.00	23.32	21.77	22.20	23.06	23.85	23.25	22.05	21.54
42.0	24.27	23.93	22.42	20.71	21.22	22.29	23.30	22.44	21.03	20.44
45.0	23.78	22.69	21.45	19.58	20.17	21.61	22.72	21.71	19.98	19.30
48.0	23.26	21.97	20.46	18.38	19.11	20.87	22.13	20.97	18.88	18.08
51.0	22.66	21.30	19.44	17.17	17.98	20.12	21.51	20.22	17.77	16.81
54.0	22.04	20.56	18.39	15.98	16.78	19.31	20.85	19.47	16.60	15.55
57.0	21.40	19.83	17.31	14.66	15.59	18.54	20.18	18.65	15.43	14.20
60.0	20.73	19.06	16.29	13.41	14.49	17.72	19.51	17.83	14.32	12.82
63.0	20.03	18.27	15.30	12.06	13.38	16.94	18.85	17.03	13.22	11.46
66.0	19.37	17.51	14.33	10.72	12.26	16.22	18.18	16.31	12.16	10.07
69.0	18.68	16.74	13.35	9.339	11.20	15.48	17.53	15.56	11.09	8.709
72.0	17.98	15.96	12.41	7.961	10.24	14.77	16.87	14.82	10.07	7.332
75.0	17.28	15.23	11.49	6.618	9.270	14.03	16.22	14.12	9.146	5.947
78.0	16.58	14.49	10.62	5.295	8.432	13.31	15.54	13.43	8.301	4.678
81.0	15.86	13.75	9.844	4.034	7.621	12.58	14.83	12.71	7.533	3.431
84.0	15.10	13.02	9.152	3.023	6.887	11.83	14.09	11.97	6.819	2.413
87.0	14.30	12.25	8.480	2.152	6.201	11.08	13.32	11.25	6.162	1.712
90.0	13.45	11.45	7.842	1.751	5.591	10.37	12.53	10.48	5.573	1.413
93.0	12.62	10.67	7.267	1.620	5.044	9.646	11.76	9.760	5.033	1.365
96.0	11.82	9.916	6.768	1.523	4.614	9.043	11.00	9.109	4.597	1.330
99.0	11.03	9.210	6.042	1.447	4.254	8.393	10.25	8.465	4.258	1.288
102.0	10.28	8.565	5.293	1.447	3.976	7.810	9.562	7.869	3.961	1.254
105.0	9.519	7.713	4.899	1.455	3.699	7.236	8.925	7.294	3.726	1.212
108.0	8.854	6.764	4.244	1.496	3.457	6.689	8.274	6.803	3.538	1.178
111.0	7.912	6.080	4.336	1.489	3.242	6.232	7.706	6.338	3.365	1.157
114.0	7.233	5.498	4.336	1.475	3.048	5.768	7.173	5.930	3.164	1.136
117.0	6.706	4.880	4.205	1.427	2.861	5.359	6.681	5.569	2.984	1.108
120.0	6.269	4.480	3.949	1.392	2.681	4.972	6.204	5.189	2.811	1.074
123.0	5.923	4.377	3.479	1.378	2.501	4.619	5.754	4.856	2.638	1.060
126.0	5.412	4.188	2.545	1.295	2.321	4.286	5.345	4.503	2.485	1.032
129.0	4.960	3.725	1.927	1.219	2.141	3.961	4.950	4.170	2.278	0.9975
132.0	4.545	3.518	1.725	1.101	1.947	3.656	4.583	3.852	2.084	0.9973
135.0	4.205	3.192	1.587	0.8583	1.774	3.358	4.209	3.540	1.911	0.9628
138.0	3.817	2.825	1.441	0.7134	1.628	3.060	3.835	3.235	1.738	0.9351
141.0	3.533	2.472	1.303	0.6578	1.490	2.797	3.489	2.958	1.571	0.8936
144.0	3.229	2.167	1.178	0.6233	1.344	2.499	3.150	2.660	1.392	0.7897
147.0	2.972	1.952	1.053	0.6233	1.247	2.195	2.831	2.349	1.232	0.6928
150.0	2.702	1.724	0.9628	0.6025	1.088	1.952	2.478	2.106	1.086	0.6512
153.0	2.377	1.516	0.8799	0.6025	0.9630	1.717	2.153	1.871	0.9065	0.6165
156.0	2.141	1.281	0.8519	0.6025	0.8592	1.516	1.828	1.635	0.7823	0.5819
159.0	1.885	1.101	0.8243	0.6025	0.7761	1.288	1.585	1.420	0.7130	0.5750
162.0	1.636	0.9416	0.7967	0.6165	0.7067	1.018	1.329	1.171	0.6231	0.5748
165.0	1.366	0.8446	0.7758	0.6233	0.6513	0.8445	1.031	0.9563	0.6025	0.5748
168.0	1.026	0.7686	0.7411	0.6233	0.6373	0.6992	0.8165	0.8107	0.5956	0.5748
171.0	0.7761	0.7061	0.7065	0.6303	0.6372	0.6441	0.6372	0.6928	0.6234	0.5748
174.0	0.7136	0.6441	0.6789	0.6303	0.6303	0.6441	0.6372	0.6511	0.6372	0.5817
177.0	0.6580	0.6441	0.6580	0.6372	0.6303	0.6441	0.6372	0.6373	0.6372	0.5818
180.0	0.6510	0.6441	0.6441	0.6372	0.6372	0.6441	0.6372	0.6372	0.6372	0.6233
G/C	300.0	330.0								
0.0	28.85	28.81								
3.0	28.85	28.85								
6.0	28.77	28.86								
9.0	28.62	28.85								
12.0	28.41	28.70								
15.0	28.06	28.47								
18.0	27.66	28.17								
21.0	27.19	27.77								
24.0	26.62	27.34								
27.0	25.98	26.83								
30.0	25.27	26.28								

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:

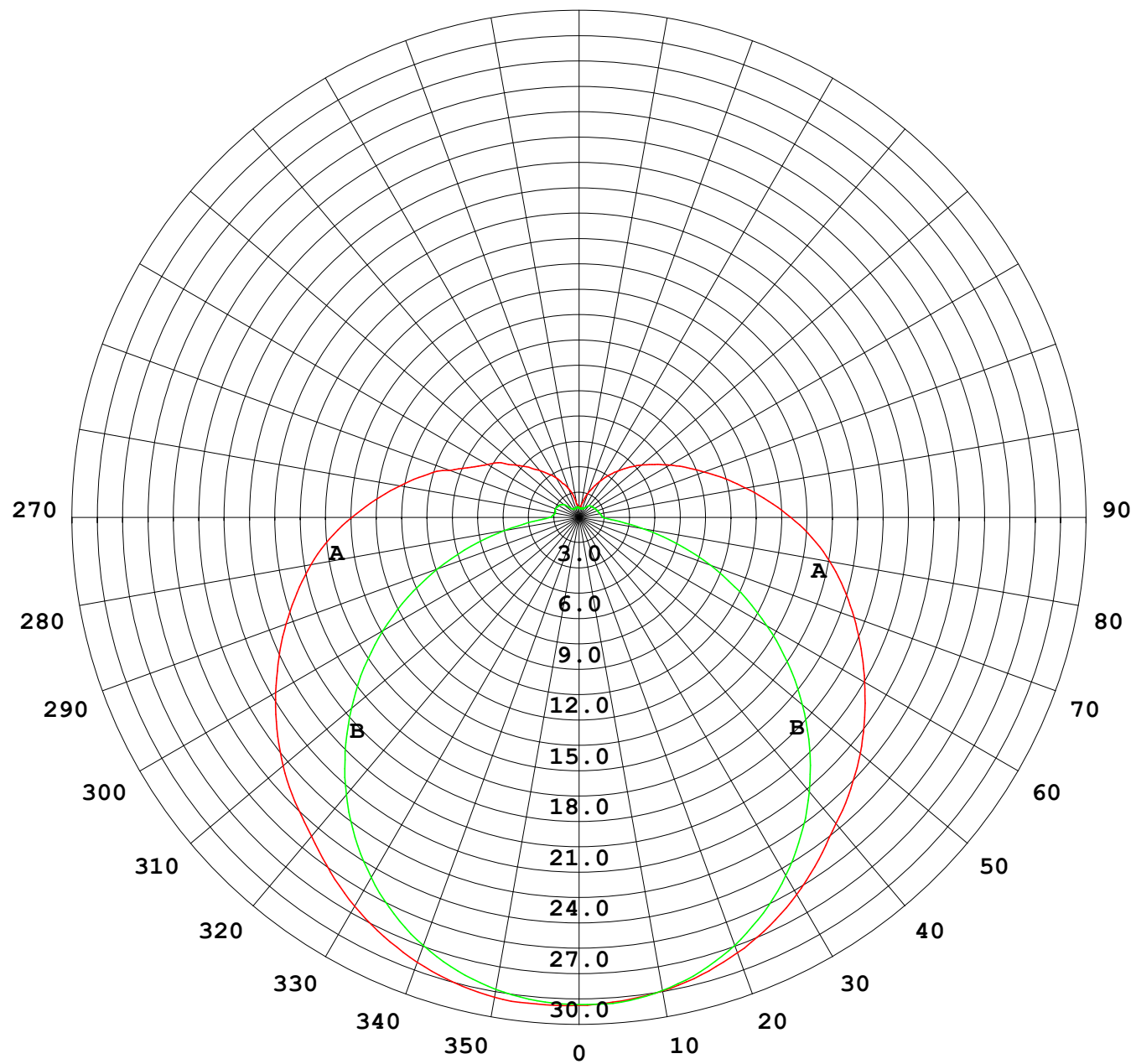
Photometric Data Table [cd]

33.0	24.51	25.63
36.0	23.71	24.98
39.0	22.90	24.26
42.0	21.98	23.47
45.0	21.00	22.72
48.0	19.97	21.98
51.0	18.93	21.30
54.0	17.86	20.60
57.0	16.78	19.84
60.0	15.70	19.06
63.0	14.70	18.29
66.0	13.69	17.52
69.0	12.73	16.76
72.0	11.77	16.04
75.0	10.85	15.29
78.0	9.998	14.56
81.0	9.223	13.83
84.0	8.530	13.09
87.0	7.873	12.38
90.0	7.256	11.57
93.0	6.702	10.79
96.0	6.231	10.07
99.0	5.552	9.338
102.0	4.965	8.666
105.0	4.597	7.877
108.0	4.265	7.128
111.0	4.072	6.519
114.0	3.704	6.034
117.0	3.539	5.639
120.0	3.372	5.251
123.0	3.102	4.898
126.0	2.762	4.427
129.0	2.485	4.163
132.0	2.195	3.893
135.0	2.007	3.533
138.0	1.661	3.049
141.0	1.440	2.440
144.0	1.295	2.236
147.0	1.156	2.113
150.0	1.038	1.788
153.0	0.9279	1.586
156.0	0.8241	1.462
159.0	0.7755	1.275
162.0	0.7202	1.129
165.0	0.6855	0.9908
168.0	0.6372	0.8660
171.0	0.6372	0.8036
174.0	0.6372	0.7343
177.0	0.6372	0.6788
180.0	0.6372	0.6510

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

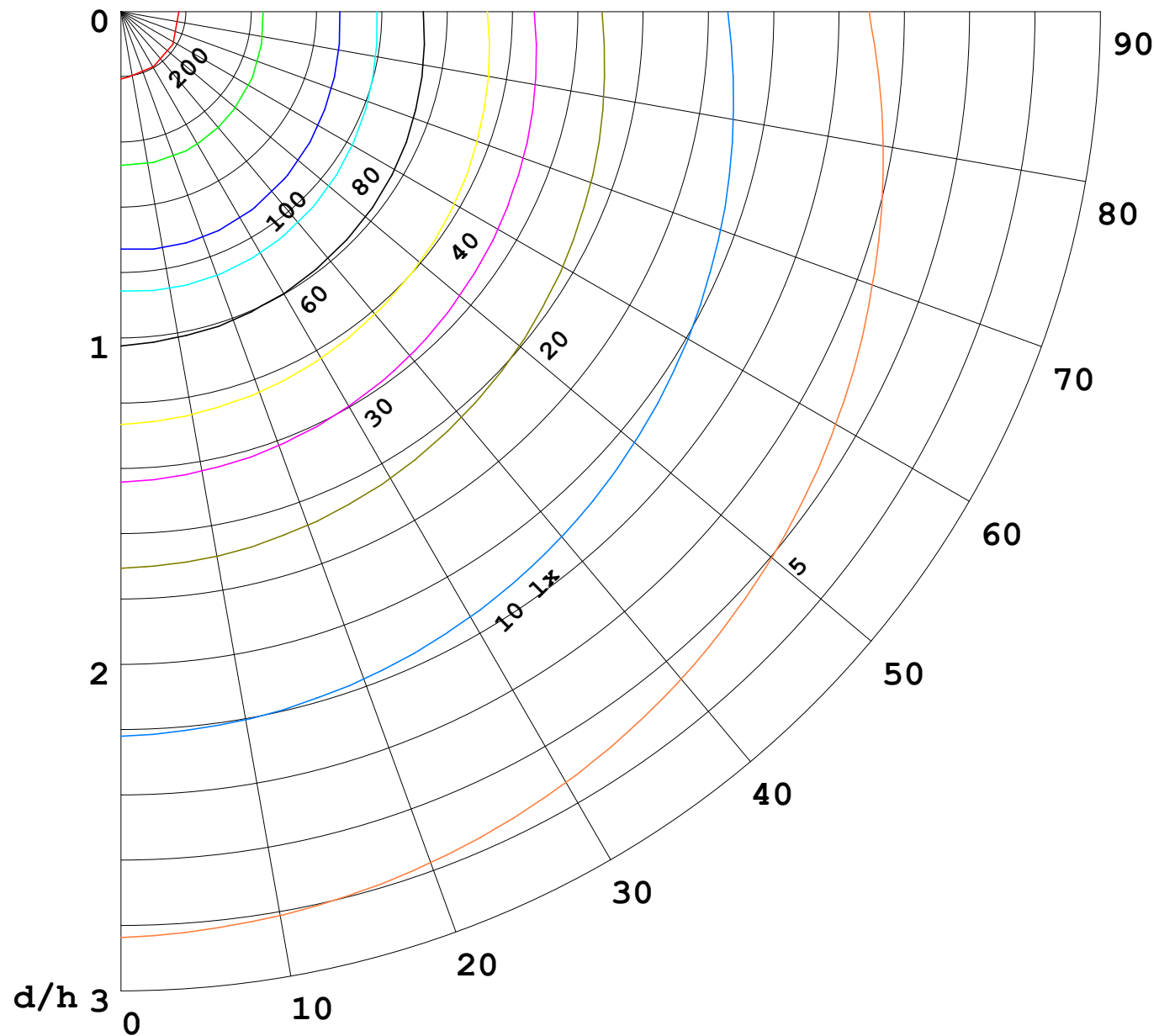
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

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

