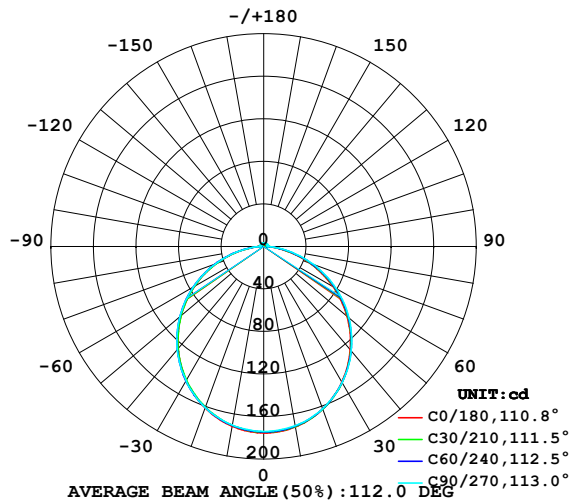


LUMINAIRE PHOTOMETRIC TEST REPORT

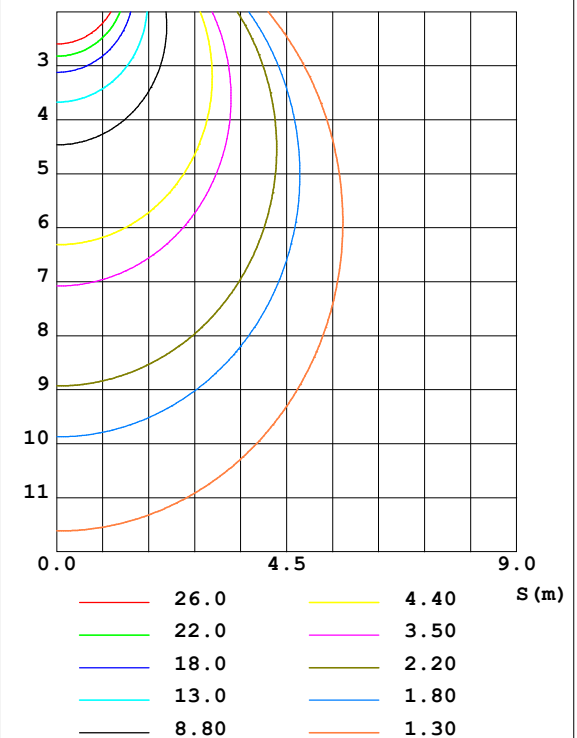
Test:U:24.00V I:0.5786A P:13.89W PF:1.000 Lamp Flux:515.218x1 lm		
NAME: SF15-24V-5050-72-U2-4000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220608
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 37.10 lm/W			
MODEL	5050	I _{max} (cd)	175.4	S/MH (C0/180)	1.25
NOMINAL POWER (W)	13	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	515.22	η UP, DN (C0-180)	1.8, 48.5
NOMINAL FLUX (lm)	515.218	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 48.0
LAMPS INSIDE	1	η up (%)	3.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



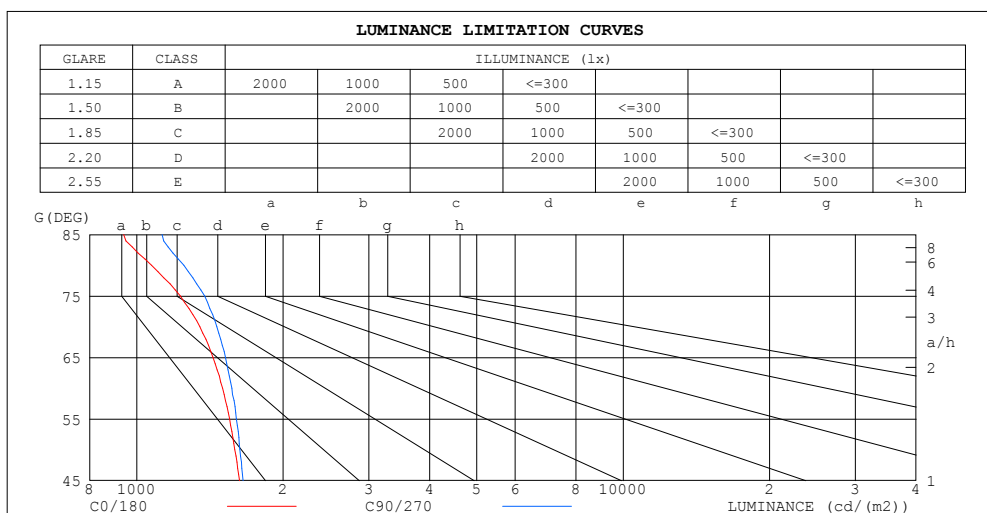
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-06-08

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	172.3	171.8	171.1	169.7	171.7	170.9	170.6	170.0	0- 10	16.46	16.46	3.2,3.2
20	162.7	162.6	162.4	160.4	161.5	161.0	161.1	160.5	10- 20	47.09	63.55	12.3,12.3
30	147.2	147.7	147.8	145.5	145.8	145.7	146.0	145.5	20- 30	71.20	134.7	26.2,26.2
40	126.8	127.7	128.2	125.8	125.4	125.7	126.5	125.6	30- 40	85.60	220.4	42.8,42.8
50	102.3	103.8	104.8	102.4	101.5	102.2	103.0	101.9	40- 50	88.64	309.0	60,60
60	75.03	76.96	78.42	76.32	75.36	76.06	76.74	75.34	50- 60	80.17	389.2	75.5,75.5
70	46.09	48.06	49.97	48.50	47.74	48.30	48.53	47.03	60- 70	61.54	450.7	87.5,87.5
80	18.63	19.95	21.69	20.88	20.23	20.76	20.82	19.49	70- 80	35.78	486.5	94.4,94.4
90	2.429	3.122	3.920	3.468	2.402	3.202	3.751	2.909	80- 90	10.79	497.3	96.5,96.5
100	1.774	2.763	3.757	2.834	1.121	2.532	3.588	2.503	90-100	2.933	500.2	97.1,97.1
110	2.060	2.895	3.734	2.940	1.397	2.642	3.508	2.571	100-110	2.834	503.0	97.6,97.6
120	2.307	2.993	3.643	3.054	1.704	2.733	3.387	2.598	110-120	2.755	505.8	98.2,98.2
130	2.553	3.076	3.518	3.110	2.031	2.828	3.307	2.651	120-130	2.560	508.4	98.7,98.7
140	2.764	3.126	3.413	3.146	2.373	2.932	3.282	2.777	130-140	2.275	510.6	99.1,99.1
150	2.970	3.192	3.420	3.231	2.704	3.010	3.274	2.897	140-150	1.905	512.5	99.5,99.5
160	3.166	3.269	3.427	3.308	3.006	3.112	3.267	3.023	150-160	1.451	514.0	99.8,99.8
170	3.317	3.336	3.391	3.345	3.282	3.232	3.247	3.171	160-170	0.9163	514.9	99.9,99.9
180	3.357	3.360	3.367	3.350	3.362	3.360	3.352	3.350	170-180	0.3162	515.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	939	1128
80	1073	1249
75	1229	1380
70	1348	1461
65	1436	1523
60	1501	1568
55	1551	1602
50	1591	1630
45	1626	1653

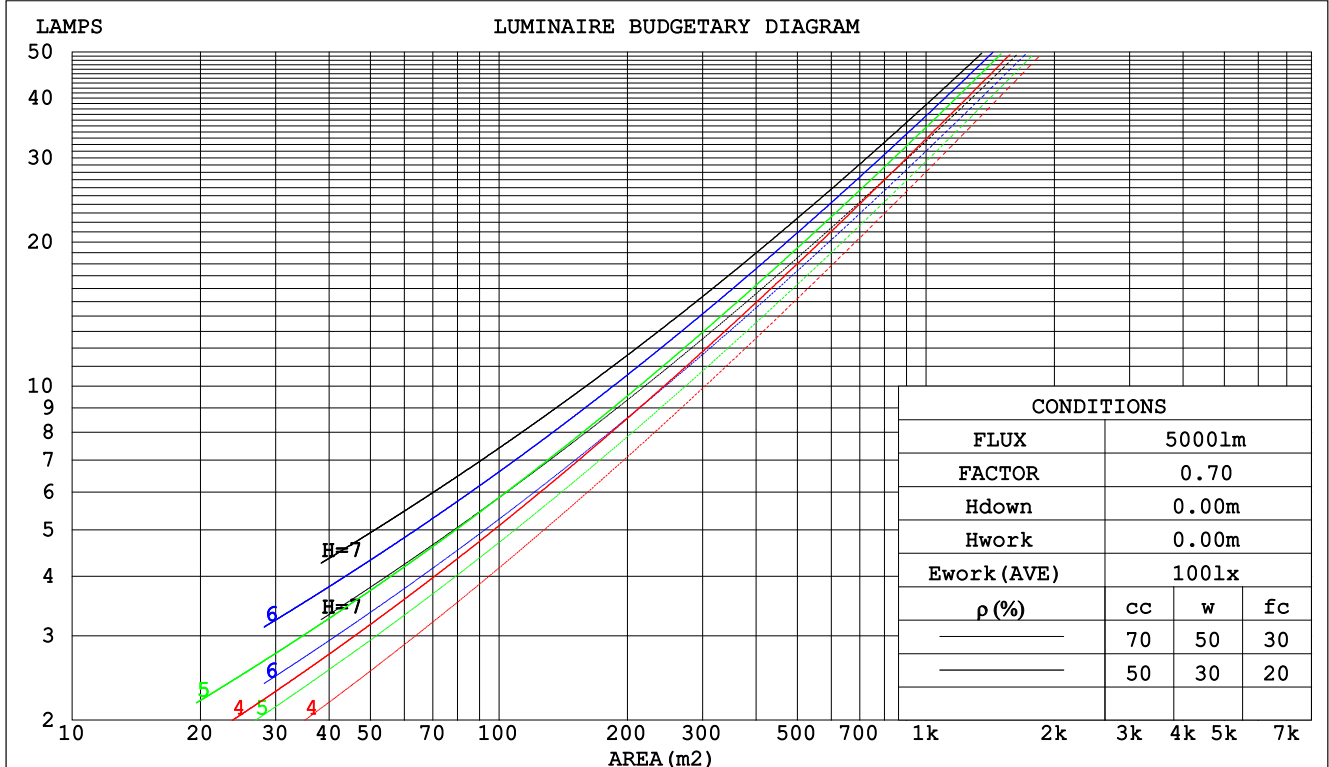
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:0.5786A P:13.89W PF:1.000 Lamp Flux:515.218x1 lm		
NAME: SF15-24V-5050-72-U2-4000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220608
MFR.: OLYMPIA	SUR.:1*0.0165	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	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.61	.70	.65	.60	.67	.62	.58	.56
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.54	.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	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.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:2022-06-08

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:0.5786A P:13.89W PF:1.000 Lamp Flux:515.218x1 lm					
NAME: SF15-24V-5050-72-U2-4000			TYPE: 硅胶		WEIGHT:
DIM.: 21mm*11.5mm			SPEC.:		SERIAL No.:20220608
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	.177	.056	.304	.173	.055	.288	.165	.053	.274	.158	.051	.261	.152	.049		
2.0	.292	.160	.049	.285	.157	.048	.271	.151	.047	.259	.145	.045	.247	.140	.044		
3.0	.270	.144	.043	.263	.141	.042	.251	.136	.041	.240	.132	.040	.230	.127	.039		
4.0	.249	.129	.038	.243	.127	.038	.232	.123	.037	.222	.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	.089	.026		
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.168	.085	.025	.161	.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	.143	.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	.217	.217	.217	.185	.185	.185	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.207	.183	.161	.177	.157	.139	.121	.108	.096	.070	.062	.056	.022	.020	.018	
2.0	.199	.159	.125	.171	.137	.108	.117	.095	.075	.067	.055	.044	.022	.018	.014	
3.0	.192	.141	.101	.164	.122	.088	.113	.085	.062	.065	.049	.036	.021	.016	.012	
4.0	.184	.128	.086	.158	.111	.074	.109	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.177	.118	.075	.152	.102	.065	.104	.071	.046	.060	.042	.027	.019	.014	.009	
6.0	.169	.110	.067	.146	.095	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008	
7.0	.163	.103	.061	.140	.089	.053	.097	.062	.038	.056	.037	.022	.018	.012	.007	
8.0	.156	.097	.056	.134	.084	.049	.093	.059	.035	.054	.035	.021	.018	.011	.007	
9.0	.150	.092	.053	.129	.080	.046	.090	.056	.033	.052	.033	.020	.017	.011	.006	
10.0	.144	.088	.050	.125	.076	.044	.086	.054	.031	.050	.032	.019	.016	.010	.006	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-08

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:0.5786A P:13.89W PF:1.000 Lamp Flux:515.218x1 lm										
NAME: SF15-24V-5050-72-U2-4000					TYPE: 硅胶			WEIGHT:		
DIM.: 21mm*11.5mm					SPEC.:			SERIAL No.:20220608		
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	14.2	15.7	14.5	16.0	16.2	14.4	15.8	14.7	16.1	16.4
3H	15.7	17.1	16.0	17.4	17.7	15.9	17.3	16.3	17.6	17.9
4H	16.3	17.6	16.6	17.9	18.2	16.6	17.8	16.9	18.2	18.5
6H	16.6	17.9	17.0	18.2	18.6	17.0	18.2	17.4	18.6	18.9
8H	16.8	17.9	17.2	18.3	18.6	17.2	18.3	17.6	18.7	19.0
12H	16.8	18.0	17.2	18.3	18.7	17.3	18.4	17.7	18.7	19.1
4H 2H	14.8	16.1	15.2	16.5	16.8	14.9	16.2	15.3	16.5	16.9
3H	16.5	17.6	16.9	18.0	18.4	16.7	17.8	17.1	18.2	18.5
4H	17.2	18.2	17.6	18.6	19.0	17.4	18.5	17.9	18.9	19.3
6H	17.7	18.6	18.1	19.0	19.5	18.0	18.9	18.5	19.3	19.8
8H	17.9	18.7	18.3	19.1	19.6	18.2	19.1	18.7	19.5	20.0
12H	18.0	18.7	18.4	19.2	19.7	18.4	19.1	18.8	19.6	20.1
8H 4H	17.5	18.3	17.9	18.7	19.2	17.7	18.5	18.1	19.0	19.4
6H	18.1	18.8	18.6	19.3	19.8	18.4	19.1	18.9	19.6	20.1
8H	18.3	19.0	18.9	19.5	20.0	18.7	19.3	19.2	19.8	20.3
12H	18.5	19.1	19.1	19.6	20.1	18.9	19.4	19.4	20.0	20.5
12H 4H	17.5	18.2	17.9	18.7	19.2	17.7	18.5	18.2	18.9	19.4
6H	18.2	18.8	18.7	19.3	19.8	18.4	19.1	19.0	19.6	20.1
8H	18.4	19.0	19.0	19.5	20.0	18.8	19.3	19.3	19.8	20.4
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 515.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.3)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-08

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:0.5786A P:13.89W PF:1.000 Lamp Flux:515.218x1 lm		
NAME: SF15-24V-5050-72-U2-4000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220608
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

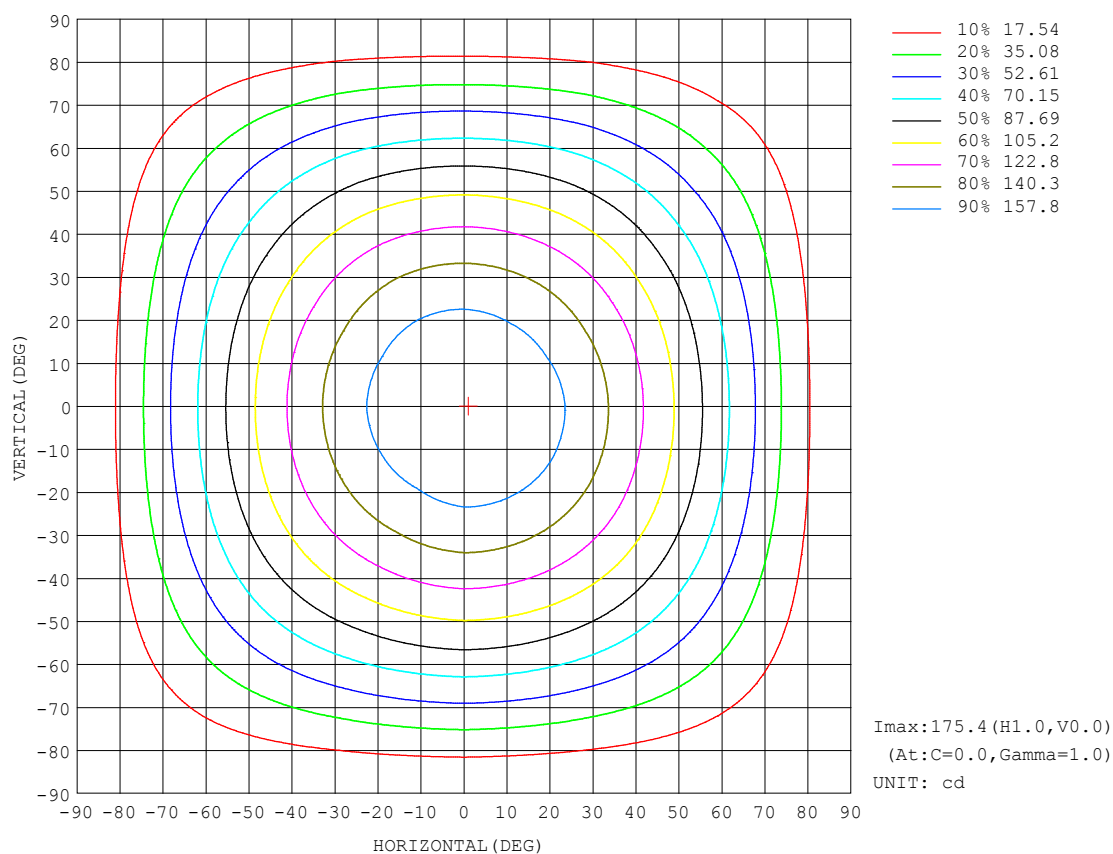
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	68	62	55
1.50	87	77	70	85	76	69	81	74	68	60
2.00	94	85	78	92	83	77	88	81	76	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	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					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-06-08

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:0.5786A P:13.89W PF:1.000 Lamp Flux:515.218x1 lm		
NAME: SF15-24V-5050-72-U2-4000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220608
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

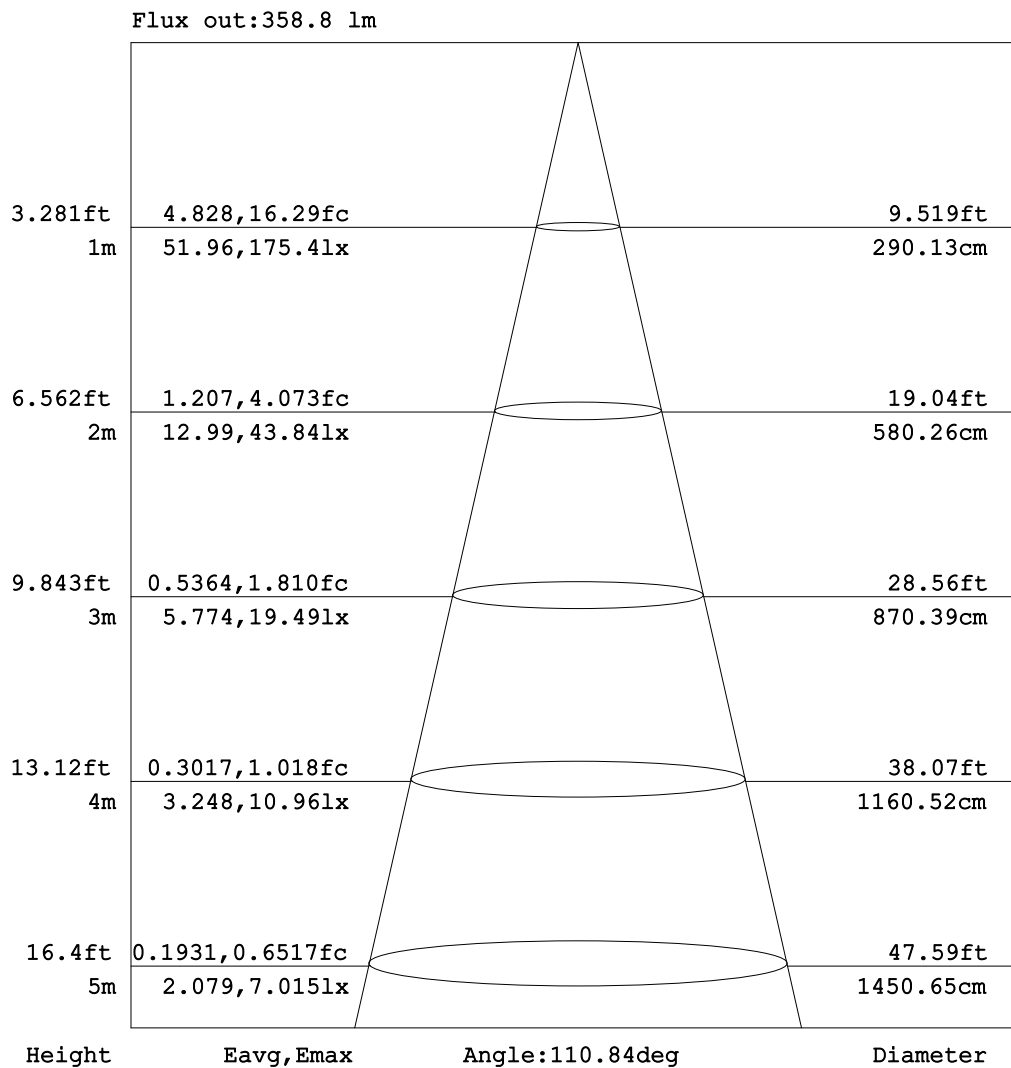


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-08

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:0.5786A P:13.89W PF:1.000 Lamp Flux:515.218x1 lm		
NAME: SF15-24V-5050-72-U2-4000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220608
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



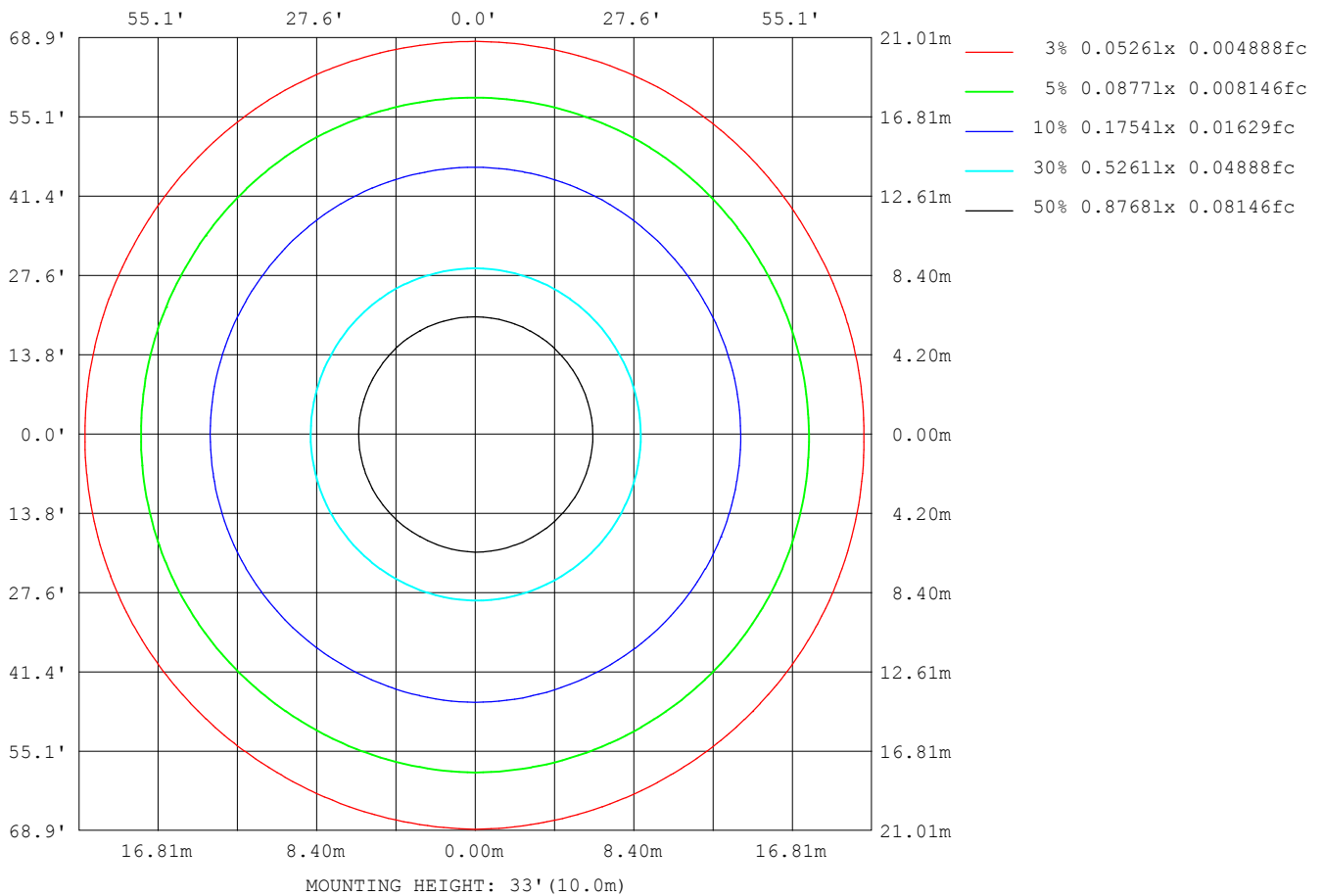
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-06-08

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

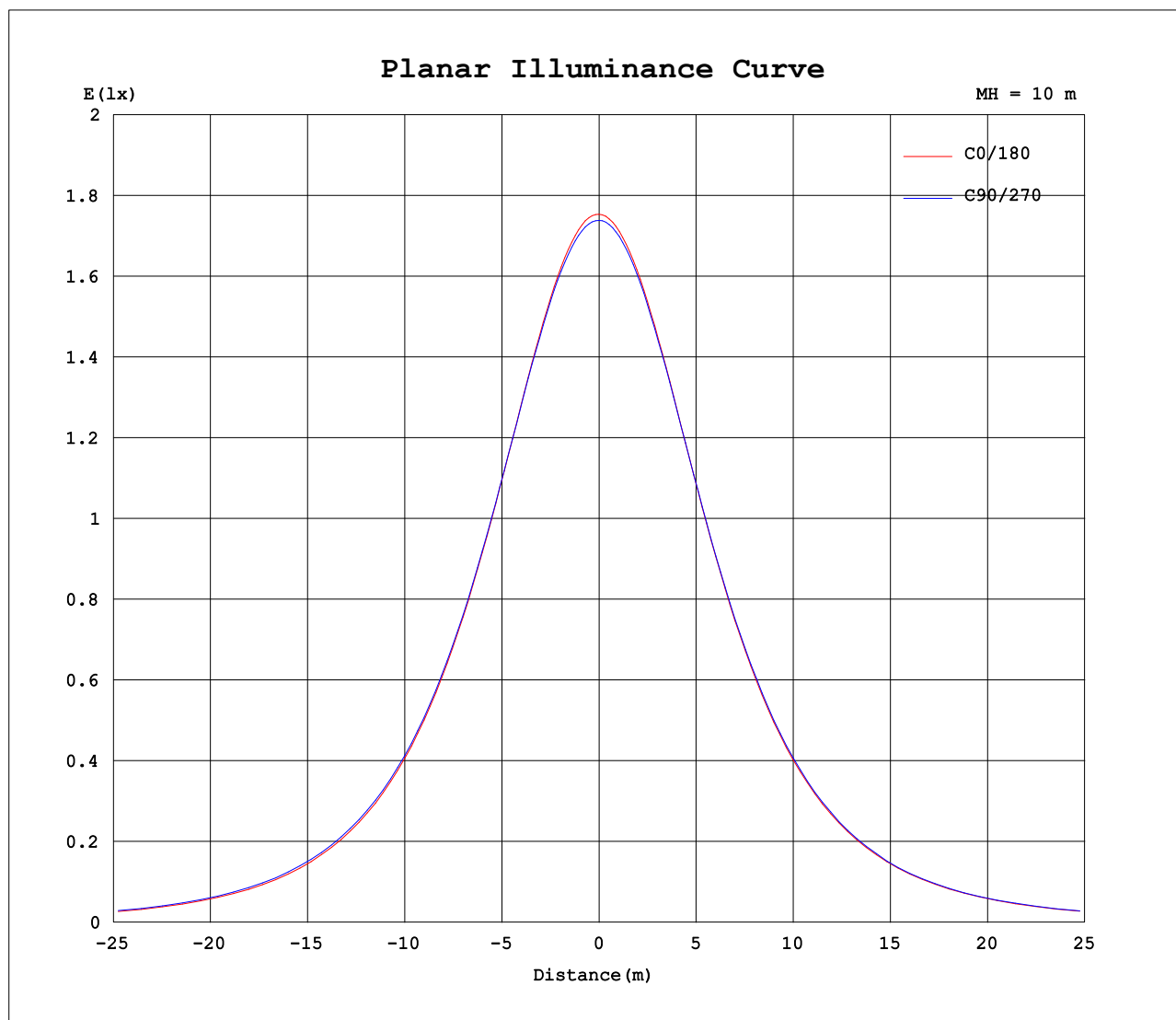
Test:U:24.00V I:0.5786A P:13.89W PF:1.000 Lamp Flux:515.218x1 lm		
NAME: SF15-24V-5050-72-U2-4000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220608
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-08

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: 2022-06-08

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:0.5786A P:13.89W PF:1.000 Lamp Flux:515.218x1 lm		
NAME: SF15-24V-5050-72-U2-4000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220608
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	175	175	174	174	173	173	175	175	174	174	173	173							
5	175	174	174	173	172	173	174	174	173	173	172	173							
10	172	172	172	171	169	170	172	171	171	171	170	170							
15	168	168	168	168	166	166	167	167	167	167	166	166							
20	163	163	162	162	160	161	161	161	161	161	160	161							
25	156	156	156	156	154	154	154	154	154	154	154	154							
30	147	148	148	148	145	145	146	145	146	146	146	145							
35	138	138	138	138	136	136	136	136	137	137	136	136							
40	127	127	128	128	126	126	125	125	126	126	126	125							
45	115	116	116	117	115	114	114	114	115	115	115	114							
50	102	104	104	105	103	102	102	102	103	103	102	101							
55	89.0	90.4	91.0	91.9	89.9	89.4	88.7	88.6	90.1	90.1	89.6	88.1							
60	75.0	76.7	77.3	78.4	76.5	76.1	75.4	75.4	76.7	76.7	76.2	74.5							
65	60.7	62.3	63.0	64.3	62.7	62.5	61.7	61.7	63.0	62.9	62.3	60.3							
70	46.1	47.6	48.5	50.0	48.5	48.5	47.7	47.7	48.9	48.5	48.2	45.9							
75	31.8	33.1	34.1	35.7	34.4	34.6	33.7	33.5	34.9	34.4	34.0	31.6							
80	18.6	19.5	20.4	21.7	20.8	21.0	20.2	20.2	21.3	20.8	20.6	18.3							
85	8.19	8.75	9.09	9.83	9.13	9.29	8.54	8.66	9.56	9.19	9.53	7.82							
90	2.43	2.77	3.47	3.92	3.52	3.41	2.40	2.94	3.46	3.75	3.69	2.13							
95	1.73	2.13	3.28	3.79	3.21	2.42	1.10	1.96	3.08	3.65	3.46	1.54							
100	1.77	2.24	3.29	3.76	3.21	2.45	1.12	1.96	3.11	3.59	3.44	1.57							
105	1.91	2.34	3.32	3.74	3.25	2.51	1.26	2.03	3.15	3.56	3.41	1.68							
110	2.06	2.45	3.34	3.73	3.29	2.59	1.40	2.12	3.16	3.51	3.36	1.78							
115	2.19	2.54	3.35	3.69	3.31	2.68	1.55	2.20	3.17	3.45	3.30	1.88							
120	2.31	2.64	3.35	3.64	3.33	2.77	1.70	2.29	3.17	3.39	3.21	1.99							
125	2.43	2.72	3.35	3.57	3.34	2.82	1.86	2.39	3.18	3.34	3.15	2.10							
130	2.55	2.80	3.35	3.52	3.34	2.88	2.03	2.48	3.18	3.31	3.10	2.20							
135	2.67	2.87	3.34	3.46	3.33	2.94	2.20	2.57	3.18	3.29	3.10	2.33							
140	2.76	2.95	3.31	3.41	3.30	3.00	2.37	2.67	3.19	3.28	3.10	2.46							
145	2.87	3.02	3.30	3.42	3.30	3.08	2.55	2.75	3.21	3.28	3.11	2.56							
150	2.97	3.08	3.31	3.42	3.32	3.15	2.70	2.80	3.22	3.27	3.12	2.67							
155	3.08	3.15	3.32	3.42	3.34	3.20	2.85	2.87	3.23	3.27	3.15	2.77							
160	3.17	3.21	3.33	3.43	3.36	3.25	3.01	2.99	3.24	3.27	3.15	2.89							
165	3.25	3.28	3.34	3.41	3.36	3.30	3.15	3.10	3.24	3.26	3.16	3.03							
170	3.32	3.34	3.34	3.39	3.36	3.33	3.28	3.20	3.26	3.25	3.20	3.15							
175	3.34	3.35	3.35	3.37	3.36	3.34	3.37	3.29	3.35	3.28	3.29	3.25							
180	3.36	3.36	3.36	3.37	3.36	3.34	3.36	3.36	3.36	3.35	3.35	3.35							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-08

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	175.4	174.7	174.3	173.9	172.6	173.5	175.4	174.7	174.3	173.9
3.0	175.2	174.5	174.2	173.7	172.3	173.1	175.0	174.2	174.0	173.6
6.0	174.4	173.8	173.4	173.0	171.4	172.2	173.9	173.2	173.0	172.7
9.0	172.9	172.5	172.1	171.7	170.0	170.7	172.3	171.5	171.5	171.2
12.0	170.9	170.6	170.2	169.9	168.0	168.7	170.1	169.3	169.5	169.1
15.0	168.3	168.2	167.7	167.5	165.5	166.1	167.3	166.5	166.8	166.5
18.0	165.1	165.0	164.8	164.5	162.6	162.9	164.0	163.3	163.7	163.5
21.0	161.4	161.5	161.3	161.1	159.0	159.3	160.2	159.4	160.0	159.8
24.0	157.1	157.5	157.2	157.1	154.9	155.1	155.8	155.3	155.9	155.9
27.0	152.4	152.8	152.7	152.6	150.5	150.5	151.0	150.3	151.3	151.1
30.0	147.2	147.7	147.6	147.8	145.5	145.5	145.8	145.2	146.2	146.0
33.0	141.5	142.2	142.2	142.3	140.1	139.9	140.1	139.7	140.7	140.7
36.0	135.5	136.1	136.3	136.5	134.3	133.9	134.0	133.6	134.8	134.8
39.0	129.0	129.7	130.1	130.3	128.1	127.7	127.6	127.2	128.5	128.7
42.0	123.1	123.1	123.4	123.8	121.6	121.1	120.9	120.7	122.0	122.1
45.0	115.0	115.9	116.5	116.9	114.8	114.2	113.8	113.6	115.0	115.2
48.0	107.5	108.6	109.1	109.8	107.6	107.1	106.5	106.3	107.8	107.8
51.0	99.69	100.9	101.6	102.3	100.2	99.63	99.08	98.85	100.4	100.3
54.0	91.70	93.13	93.69	94.60	92.52	91.97	91.32	91.36	92.68	92.77
57.0	83.48	84.80	85.61	86.77	84.64	84.17	83.44	82.99	84.82	84.39
60.0	75.03	76.66	77.27	78.42	76.50	76.14	75.36	75.38	76.73	76.74
63.0	66.43	67.96	68.78	69.96	68.26	67.93	67.16	66.91	68.48	68.09
66.0	57.78	59.29	60.16	61.54	59.89	59.78	58.88	58.71	60.17	59.91
69.0	49.01	50.53	51.49	52.87	51.37	51.30	50.48	50.63	51.72	51.52
72.0	40.32	41.68	42.75	44.26	42.87	42.88	42.06	42.01	43.24	42.96
75.0	31.81	33.13	34.10	35.71	34.39	34.57	33.75	33.53	34.88	34.36
78.0	23.62	24.85	25.67	27.11	26.09	26.26	25.59	25.78	26.71	25.92
81.0	16.28	17.17	17.88	19.07	18.24	18.38	17.70	17.64	18.82	18.48
84.0	9.936	10.58	11.04	11.87	11.17	11.29	10.54	10.77	11.65	11.13
87.0	5.143	5.629	5.922	6.328	5.742	6.053	5.275	5.610	6.024	5.815
90.0	2.429	2.771	3.472	3.920	3.522	3.414	2.402	2.940	3.465	3.751
93.0	1.730	2.116	3.279	3.809	3.202	2.582	1.390	2.147	3.066	3.693
96.0	1.732	2.151	3.283	3.787	3.207	2.412	1.075	1.945	3.081	3.634
99.0	1.749	2.207	3.287	3.764	3.213	2.428	1.096	1.955	3.101	3.598
102.0	1.824	2.277	3.292	3.747	3.226	2.478	1.171	1.965	3.121	3.573
105.0	1.910	2.342	3.324	3.742	3.247	2.513	1.257	2.030	3.146	3.555
108.0	1.990	2.412	3.332	3.737	3.277	2.563	1.347	2.076	3.155	3.538
111.0	2.075	2.473	3.337	3.729	3.302	2.609	1.428	2.126	3.167	3.503
114.0	2.146	2.528	3.346	3.709	3.302	2.674	1.523	2.196	3.172	3.458
117.0	2.231	2.583	3.348	3.670	3.332	2.729	1.604	2.236	3.173	3.423
120.0	2.307	2.639	3.348	3.643	3.333	2.774	1.704	2.292	3.175	3.387
123.0	2.387	2.684	3.348	3.598	3.335	2.814	1.795	2.362	3.176	3.352
126.0	2.442	2.734	3.348	3.568	3.337	2.840	1.895	2.402	3.177	3.322
129.0	2.538	2.784	3.347	3.533	3.339	2.865	2.001	2.457	3.179	3.312
132.0	2.603	2.830	3.347	3.498	3.341	2.905	2.101	2.513	3.180	3.302
135.0	2.668	2.870	3.342	3.458	3.332	2.940	2.202	2.573	3.181	3.287
138.0	2.719	2.915	3.317	3.422	3.307	2.975	2.312	2.628	3.186	3.285
141.0	2.784	2.955	3.302	3.413	3.297	3.006	2.408	2.684	3.191	3.281
144.0	2.855	3.005	3.297	3.414	3.295	3.056	2.498	2.729	3.203	3.278
147.0	2.935	3.041	3.302	3.417	3.306	3.106	2.609	2.774	3.213	3.276
150.0	2.970	3.076	3.308	3.420	3.316	3.146	2.704	2.799	3.222	3.274
153.0	3.025	3.116	3.313	3.422	3.327	3.186	2.795	2.850	3.233	3.272
156.0	3.096	3.151	3.318	3.424	3.352	3.216	2.890	2.895	3.236	3.270
159.0	3.136	3.197	3.327	3.426	3.366	3.237	2.976	2.950	3.238	3.268
162.0	3.181	3.237	3.337	3.417	3.362	3.267	3.071	3.020	3.241	3.265
165.0	3.246	3.282	3.337	3.407	3.358	3.297	3.146	3.096	3.243	3.263
168.0	3.282	3.322	3.337	3.397	3.355	3.332	3.232	3.171	3.246	3.257
171.0	3.332	3.338	3.339	3.387	3.356	3.335	3.297	3.231	3.282	3.247
174.0	3.337	3.348	3.344	3.377	3.357	3.339	3.347	3.272	3.337	3.267
177.0	3.347	3.357	3.352	3.367	3.357	3.342	3.362	3.342	3.362	3.337
180.0	3.357	3.357	3.362	3.367	3.357	3.342	3.362	3.357	3.362	3.352
G/C	300.0	330.0								
0.0	172.6	173.5								
3.0	172.3	173.3								
6.0	171.5	172.4								
9.0	170.1	171.0								
12.0	168.2	169.0								
15.0	165.7	166.3								
18.0	162.6	163.3								
21.0	159.1	159.4								
24.0	155.1	155.3								
27.0	150.6	150.6								
30.0	145.6	145.4								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-06-08

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:

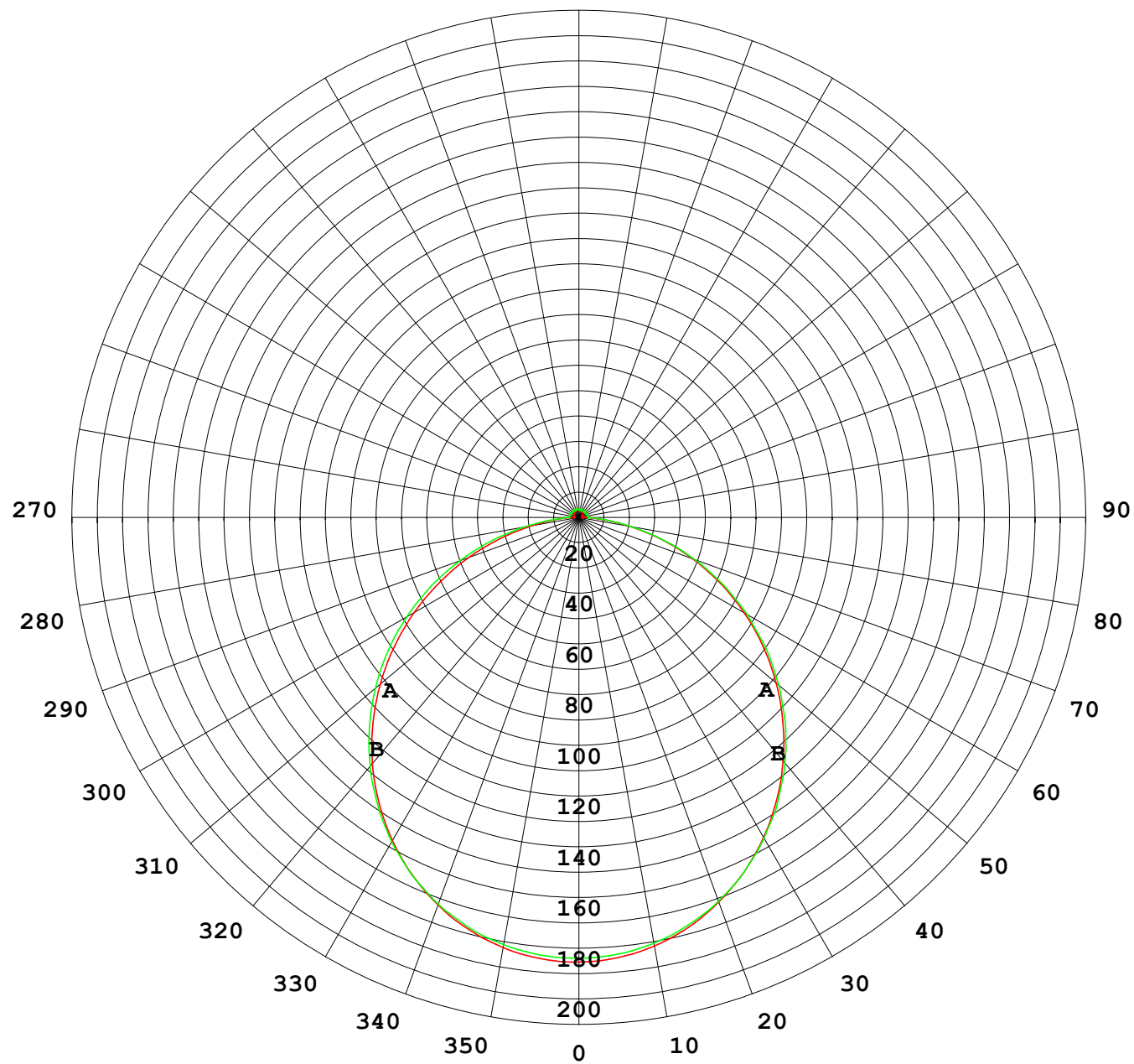
Photometric Data Table [cd]

33.0	140.2	139.9
36.0	134.3	133.9
39.0	128.1	127.7
42.0	121.5	121.0
45.0	114.6	113.9
48.0	107.4	106.3
51.0	99.99	98.64
54.0	92.28	91.05
57.0	84.36	82.47
60.0	76.21	74.47
63.0	67.90	65.80
66.0	59.51	57.25
69.0	50.96	48.91
72.0	42.44	39.92
75.0	34.03	31.60
78.0	25.88	23.70
81.0	18.20	15.99
84.0	11.46	9.700
87.0	6.325	4.977
90.0	3.692	2.126
93.0	3.471	1.538
96.0	3.455	1.546
99.0	3.440	1.553
102.0	3.431	1.618
105.0	3.407	1.678
108.0	3.392	1.734
111.0	3.357	1.809
114.0	3.322	1.869
117.0	3.257	1.920
120.0	3.206	1.990
123.0	3.171	2.055
126.0	3.121	2.116
129.0	3.106	2.191
132.0	3.100	2.256
135.0	3.099	2.327
138.0	3.098	2.407
141.0	3.097	2.477
144.0	3.101	2.533
147.0	3.111	2.598
150.0	3.121	2.674
153.0	3.141	2.724
156.0	3.147	2.794
159.0	3.150	2.860
162.0	3.153	2.945
165.0	3.155	3.025
168.0	3.161	3.101
171.0	3.217	3.171
174.0	3.277	3.216
177.0	3.327	3.272
180.0	3.352	3.347

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-08

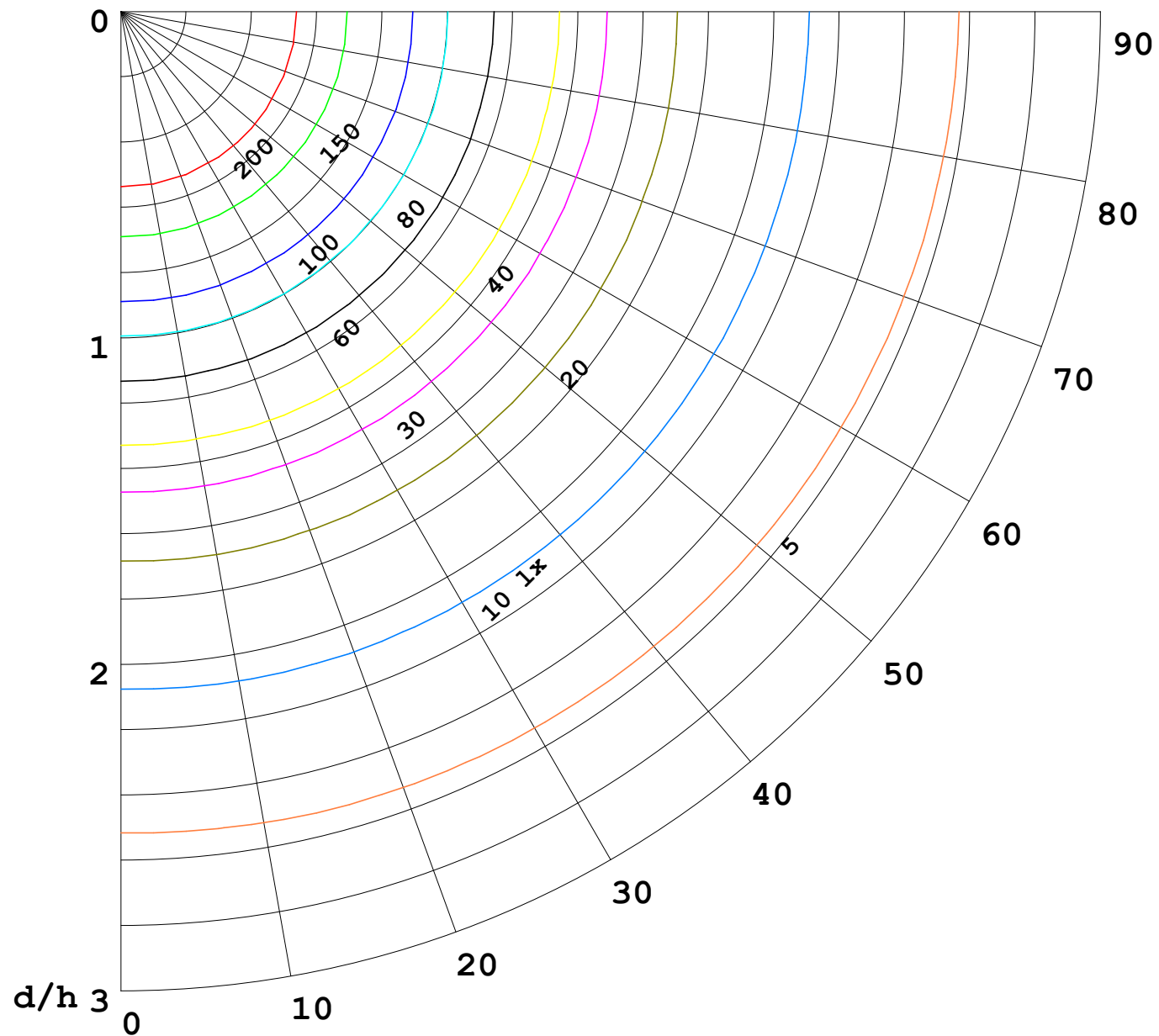
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

