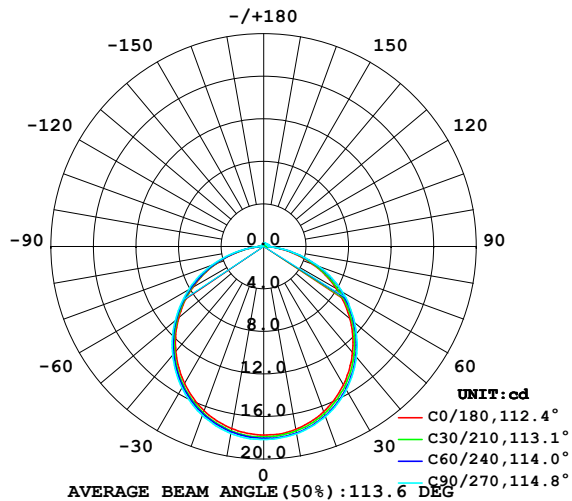


LUMINAIRE PHOTOMETRIC TEST REPORT

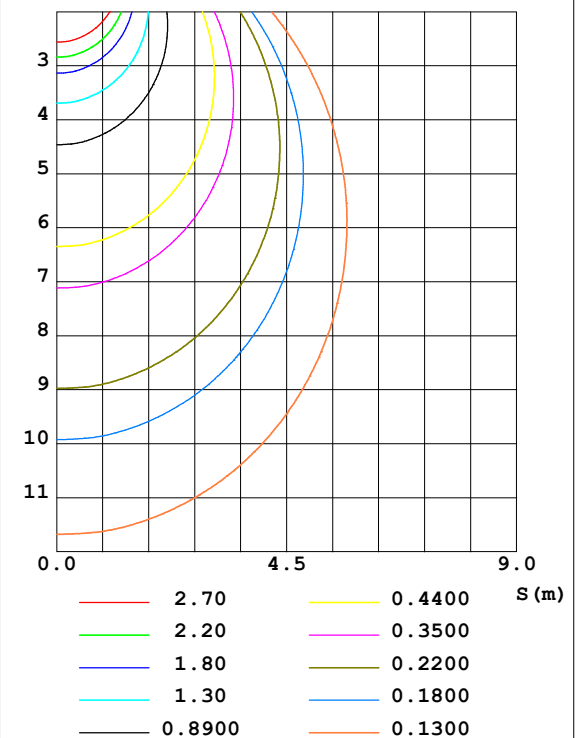
Test:U:24.00V I:0.2352A P:5.644W PF:1.000 Lamp Flux:53.8791x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 9.55 lm/W
MODEL	5050	I _{max} (cd)	18.29	S/MH (C0/180)	1.26	
NOMINAL POWER (W)	5	LOR (%)	100.0	S/MH (C90/270)	1.27	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	53.879	η UP, DN (C0-180)	1.8, 49.0	
NOMINAL FLUX (lm)	53.8791	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 48.0	
LAMPS INSIDE	1	η up (%)	2.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	24.0	η down (%)	97.1	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



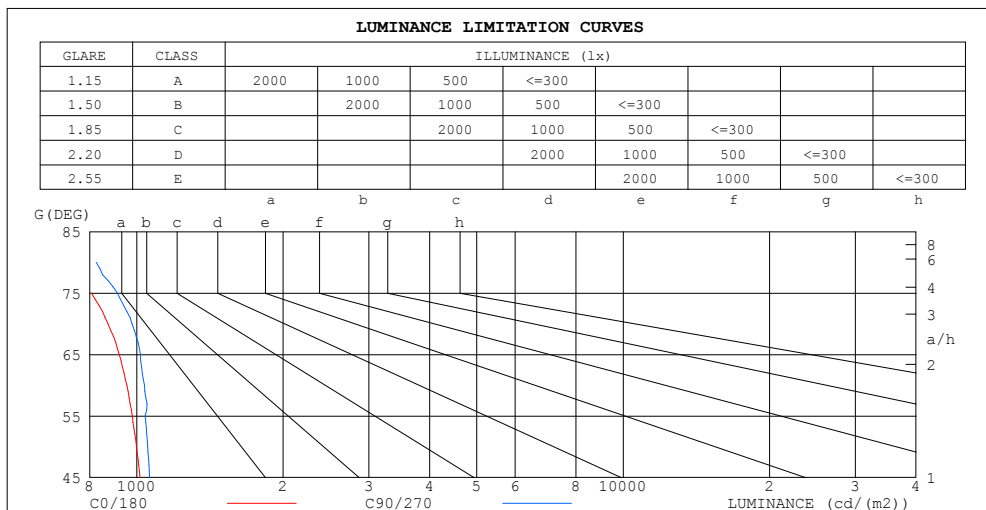
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-30

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	17.47	17.71	17.87	17.97	17.38	17.64	17.84	17.94	0- 10	1.710	1.710	3.17,3.17
20	16.52	16.83	17.01	17.04	16.43	16.69	16.90	16.98	10- 20	4.902	6.612	12.3,12.3
30	15.01	15.36	15.57	15.53	14.88	15.15	15.37	15.44	20- 30	7.439	14.05	26.1,26.1
40	13.00	13.35	13.57	13.50	12.87	13.12	13.33	13.39	30- 40	8.982	23.03	42.7,42.7
50	10.60	10.95	11.16	11.02	10.44	10.67	10.87	10.91	40- 50	9.342	32.38	60.1,60.1
60	7.868	8.287	8.556	8.182	7.701	7.897	8.119	8.113	50- 60	8.492	40.87	75.8,75.8
70	4.928	5.280	5.520	5.121	4.766	4.919	5.229	5.118	60- 70	6.556	47.42	88,88
80	2.033	2.254	2.365	2.091	1.867	1.962	2.143	2.128	70- 80	3.775	51.20	95,95
90	0.2923	0.4197	0.5142	0.3569	0.1904	0.2540	0.3442	0.2590	80- 90	1.101	52.30	97.1,97.1
100	0.1467	0.3528	0.4467	0.3115	0.0955	0.1939	0.2990	0.1745	90-100	0.2928	52.59	97.6,97.6
110	0.1485	0.3423	0.4372	0.3084	0.1056	0.1843	0.2664	0.1696	100-110	0.2652	52.86	98.1,98.1
120	0.1504	0.3188	0.3698	0.3044	0.1357	0.1798	0.2412	0.1700	110-120	0.2402	53.10	98.6,98.6
130	0.1809	0.3031	0.3465	0.2926	0.1728	0.1860	0.2412	0.1769	120-130	0.2125	53.31	98.9,98.9
140	0.2009	0.2942	0.3066	0.2896	0.2011	0.1984	0.2412	0.1975	130-140	0.1852	53.50	99.3,99.3
150	0.2098	0.2930	0.3066	0.2897	0.2332	0.2237	0.2412	0.2228	140-150	0.1562	53.65	99.6,99.6
160	0.2302	0.3038	0.3066	0.2936	0.2654	0.2458	0.2412	0.2464	150-160	0.1210	53.77	99.8,99.8
170	0.2714	0.3055	0.3066	0.2926	0.2918	0.2726	0.2714	0.2857	160-170	0.0783	53.85	99.9,99.9
180	0.2965	0.3041	0.3066	0.2965	0.2915	0.2965	0.2965	0.2965	170-180	0.0280	53.88	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	627	733
80	710	825
75	807	913
70	873	978
65	920	1017
60	954	1037
55	979	1041
50	999	1053
45	1016	1063

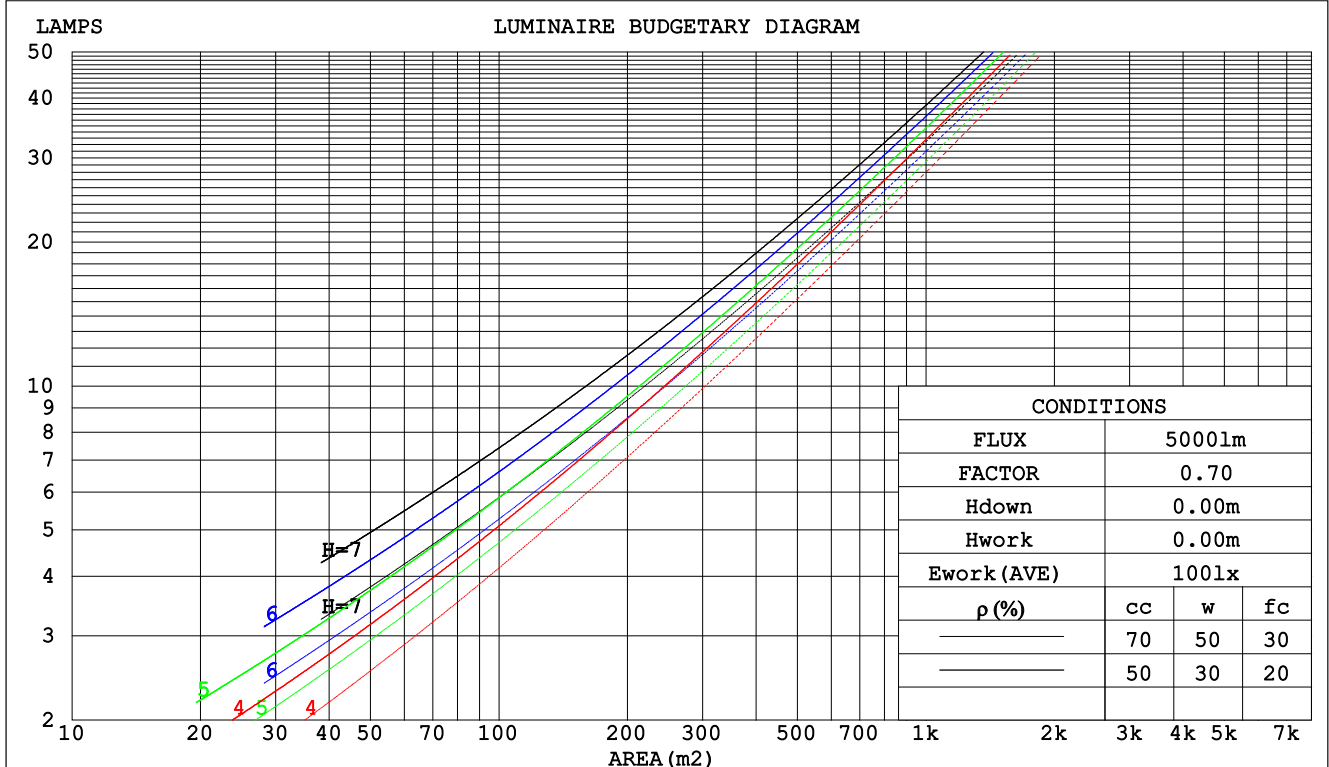
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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:0.2352A P:5.644W PF:1.000 Lamp Flux:53.8791x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
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	.97	.93	.96	.92	.89	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.74	.80	.75	.71	.76	.73	.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	.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	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.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:2022-03-30

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:0.2352A P:5.644W PF:1.000 Lamp Flux:53.8791x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
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	.174	.055	.289	.166	.053	.276	.159	.051	.263	.152	.049		
2.0	.293	.160	.049	.286	.157	.048	.273	.152	.047	.260	.146	.046	.249	.141	.044		
3.0	.271	.144	.043	.264	.142	.043	.252	.137	.042	.242	.132	.041	.231	.128	.040		
4.0	.249	.130	.038	.244	.128	.038	.233	.124	.037	.224	.120	.036	.214	.117	.035		
5.0	.230	.117	.034	.225	.116	.034	.216	.112	.033	.207	.109	.033	.199	.106	.032		
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.100	.029	.185	.098	.029		
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026		
8.0	.185	.091	.025	.182	.090	.025	.175	.087	.025	.169	.085	.025	.163	.083	.024		
9.0	.174	.084	.023	.171	.083	.023	.164	.081	.023	.159	.079	.023	.153	.078	.022		
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.149	.074	.021	.144	.073	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.203	.179	.157	.174	.153	.135	.119	.105	.093	.068	.061	.054	.022	.020	.018	
2.0	.195	.155	.121	.167	.133	.104	.114	.092	.073	.066	.054	.043	.021	.017	.014	
3.0	.187	.137	.097	.161	.118	.084	.110	.082	.059	.064	.048	.035	.020	.016	.011	
4.0	.180	.124	.081	.154	.107	.071	.106	.075	.050	.061	.044	.029	.020	.014	.010	
5.0	.172	.114	.070	.148	.098	.061	.102	.069	.043	.059	.040	.026	.019	.013	.008	
6.0	.165	.105	.062	.142	.091	.054	.098	.064	.038	.057	.038	.023	.018	.012	.008	
7.0	.158	.098	.056	.136	.085	.049	.094	.060	.035	.055	.035	.021	.018	.012	.007	
8.0	.152	.093	.052	.131	.080	.045	.091	.056	.032	.053	.033	.019	.017	.011	.006	
9.0	.146	.088	.048	.126	.076	.042	.087	.054	.030	.051	.032	.018	.016	.010	.006	
10.0	.140	.083	.046	.121	.072	.040	.084	.051	.028	.049	.030	.017	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-03-30

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:0.2352A P:5.644W PF:1.000 Lamp Flux:53.8791x1 lm											
NAME: SF16-24V-5050-70-SPI3-RGB-R						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022033001			
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	12.7	14.2	13.0	14.4	14.7	13.0	14.5	13.3	14.7	15.0	
	3H	14.2	15.6	14.5	15.9	16.2	14.6	16.0	15.0	16.3	
	4H	14.8	16.1	15.1	16.4	16.7	15.3	16.6	15.6	16.9	
	6H	15.2	16.4	15.6	16.8	17.1	15.8	17.0	16.1	17.3	
	8H	15.3	16.5	15.7	16.8	17.2	15.9	17.1	16.3	17.4	
	12H	15.4	16.5	15.8	16.9	17.3	16.0	17.1	16.4	17.5	
4H	2H	13.3	14.6	13.7	14.9	15.3	13.6	14.9	14.0	15.2	
	3H	15.0	16.2	15.4	16.5	16.9	15.4	16.6	15.8	16.9	
	4H	15.8	16.8	16.2	17.2	17.6	16.2	17.2	16.6	17.6	
	6H	16.3	17.2	16.7	17.6	18.1	16.8	17.7	17.2	18.1	
	8H	16.5	17.3	16.9	17.7	18.2	17.0	17.8	17.4	18.3	
	12H	16.6	17.4	17.1	17.8	18.3	17.1	17.9	17.6	18.4	
8H	4H	16.1	16.9	16.5	17.3	17.8	16.5	17.3	16.9	17.7	
	6H	16.8	17.5	17.2	17.9	18.4	17.2	17.9	17.7	18.4	
	8H	17.0	17.6	17.5	18.1	18.6	17.5	18.1	18.0	18.6	
	12H	17.2	17.7	17.7	18.2	18.8	17.7	18.2	18.2	18.7	
12H	4H	16.1	16.9	16.6	17.3	17.8	16.5	17.2	16.9	17.7	
	6H	16.8	17.4	17.3	17.9	18.4	17.2	17.9	17.7	18.4	
	8H	17.1	17.7	17.6	18.2	18.7	17.6	18.1	18.1	18.6	
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					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 53.88 lm Total Lamp Luminous Flux. (8log(F/F0) = -10.1)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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:0.2352A P:5.644W PF:1.000 Lamp Flux:53.8791x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

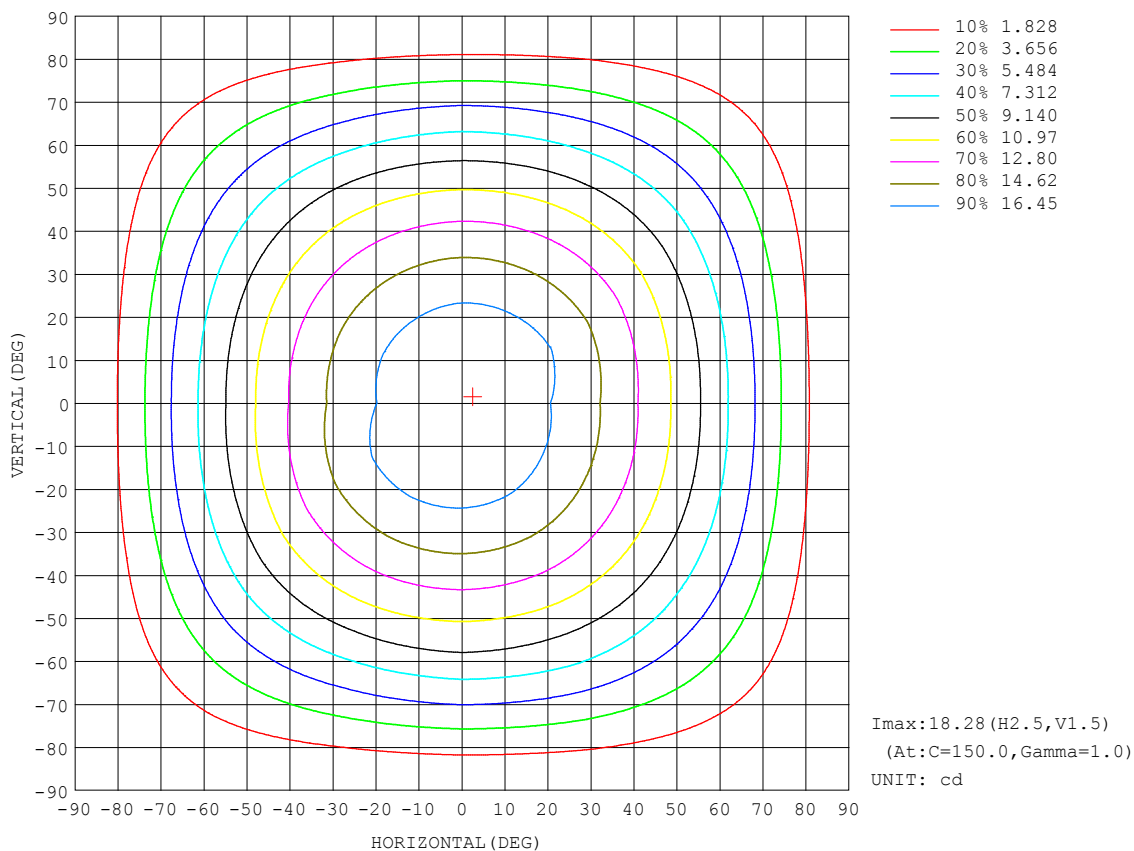
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	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	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	95	103	97	93	98	94	90	80
5.00	108	103	99	105	101	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:2022-03-30

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:0.2352A P:5.644W PF:1.000 Lamp Flux:53.8791x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

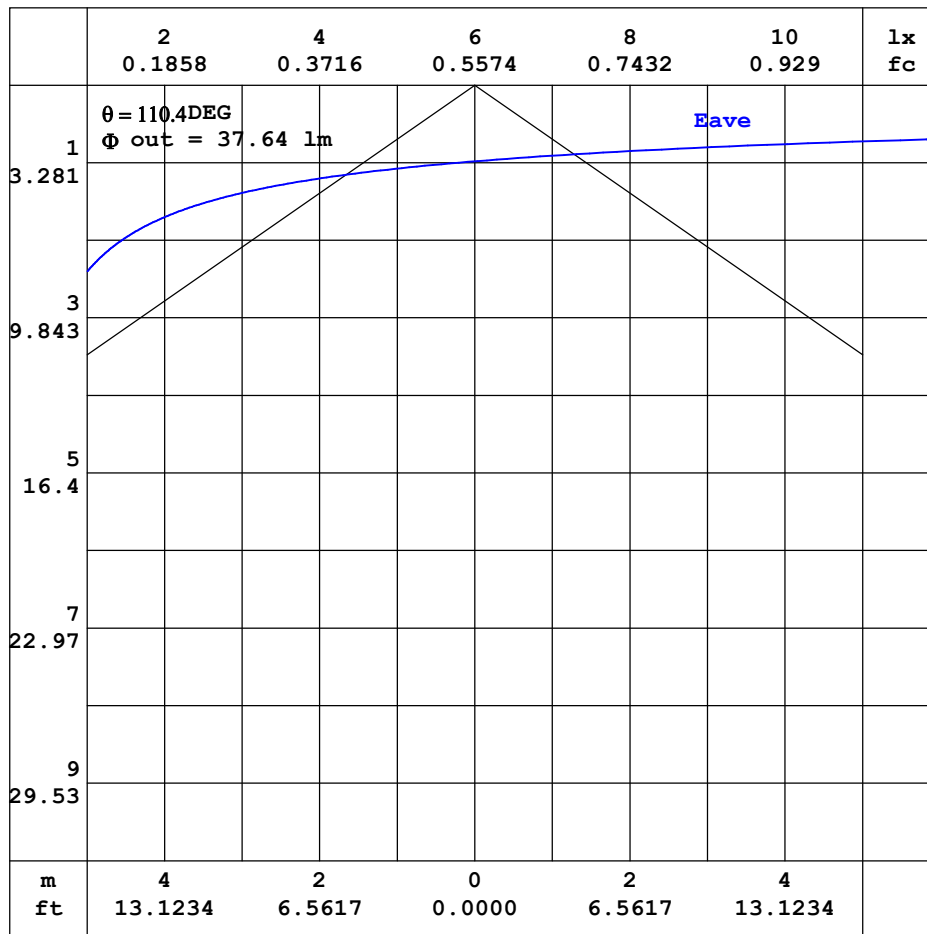


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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 CURVES

Test:U:24.00V I:0.2352A P:5.644W PF:1.000 Lamp Flux:53.8791x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



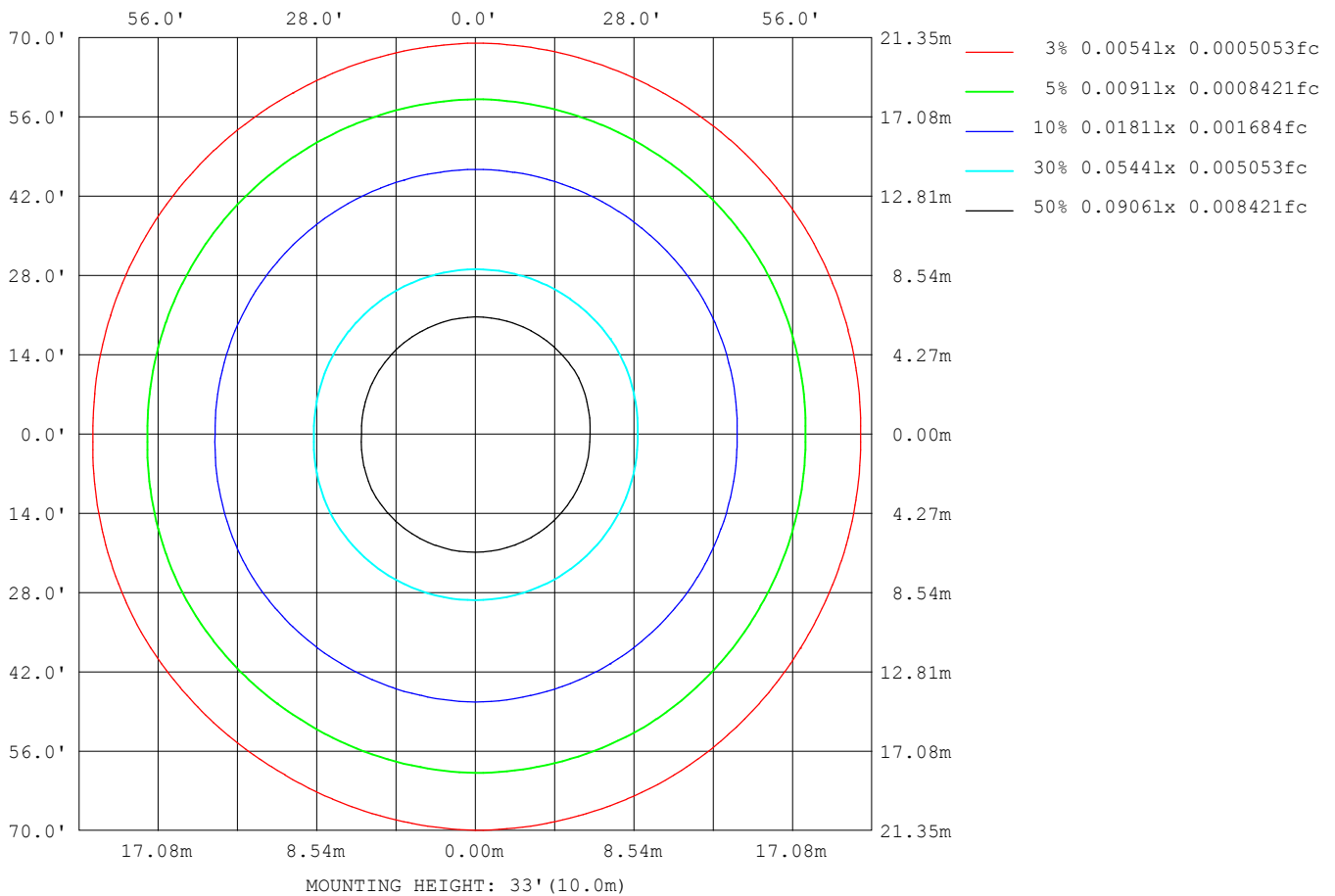
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-30

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

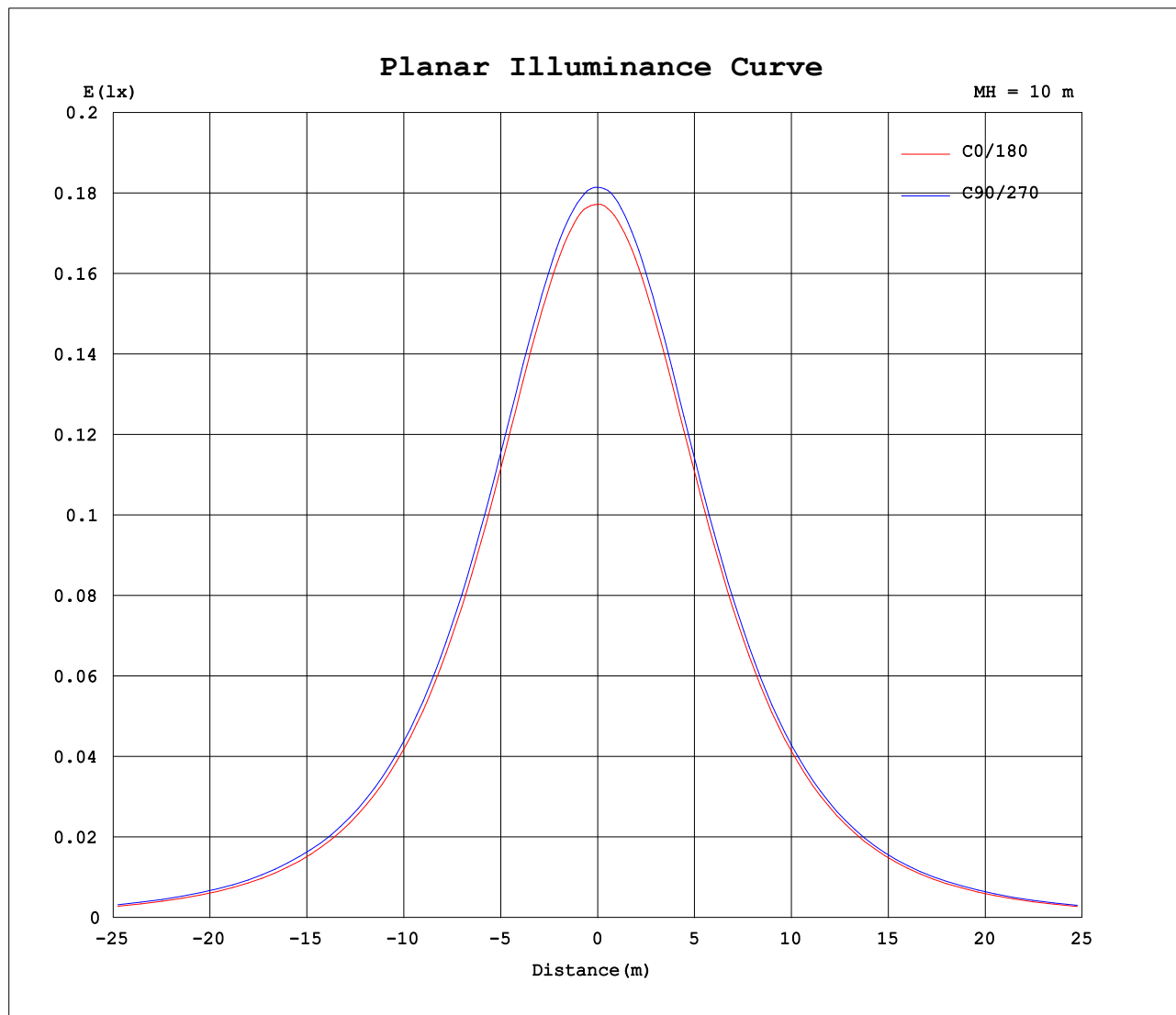
Test:U:24.00V I:0.2352A P:5.644W PF:1.000 Lamp Flux:53.8791x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.: 2022033001
MFR.: OLYMPIA	SUR.: 1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-30

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: 2022-03-30

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:0.2352A P:5.644W PF:1.000 Lamp Flux:53.8791x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
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	17.7	17.9	18.0	18.1	18.2	18.3	17.7	17.9	18.0	18.1	18.2	18.3						
5	17.7	17.8	18.0	18.1	18.2	18.2	17.6	17.9	17.9	18.1	18.1	18.3						
10	17.5	17.6	17.8	17.9	18.0	18.0	17.4	17.6	17.7	17.8	17.9	18.0						
15	17.1	17.2	17.4	17.5	17.6	17.6	17.0	17.2	17.3	17.4	17.5	17.6						
20	16.5	16.7	16.9	17.0	17.1	17.0	16.4	16.6	16.7	16.9	16.9	17.0						
25	15.8	16.0	16.3	16.4	16.4	16.3	15.7	15.9	16.0	16.2	16.2	16.3						
30	15.0	15.2	15.5	15.6	15.6	15.5	14.9	15.1	15.2	15.4	15.4	15.5						
35	14.1	14.3	14.5	14.6	14.6	14.5	13.9	14.1	14.3	14.4	14.4	14.5						
40	13.0	13.2	13.5	13.6	13.6	13.4	12.9	13.1	13.2	13.3	13.4	13.4						
45	11.9	12.1	12.3	12.4	12.4	12.2	11.7	11.9	12.0	12.1	12.2	12.2						
50	10.6	10.8	11.1	11.2	11.1	11.0	10.4	10.6	10.7	10.9	10.9	10.9						
55	9.27	9.49	9.74	9.85	9.69	9.57	9.11	9.26	9.39	9.51	9.54	9.54						
60	7.87	8.08	8.49	8.56	8.24	8.12	7.70	7.82	7.97	8.12	8.12	8.10						
65	6.42	6.63	7.00	7.09	6.72	6.63	6.26	6.37	6.50	6.75	6.66	6.62						
70	4.93	5.12	5.44	5.52	5.18	5.06	4.77	4.86	4.98	5.23	5.16	5.08						
75	3.45	3.62	3.85	3.90	3.63	3.50	3.28	3.36	3.44	3.65	3.61	3.55						
80	2.03	2.18	2.33	2.36	2.14	2.04	1.87	1.94	1.99	2.14	2.16	2.09						
85	0.90	1.00	1.06	1.05	0.92	0.87	0.76	0.82	0.78	0.89	0.90	0.89						
90	0.29	0.34	0.50	0.51	0.41	0.30	0.19	0.28	0.23	0.34	0.27	0.25						
95	0.15	0.28	0.45	0.45	0.38	0.26	0.10	0.18	0.23	0.31	0.23	0.12						
100	0.15	0.26	0.44	0.45	0.37	0.25	0.10	0.17	0.22	0.30	0.23	0.12						
105	0.15	0.26	0.44	0.44	0.37	0.25	0.10	0.16	0.22	0.29	0.23	0.12						
110	0.15	0.26	0.42	0.44	0.37	0.25	0.11	0.16	0.21	0.27	0.22	0.12						
115	0.15	0.26	0.39	0.40	0.37	0.25	0.13	0.16	0.21	0.26	0.22	0.12						
120	0.15	0.26	0.38	0.37	0.36	0.25	0.14	0.16	0.20	0.24	0.22	0.12						
125	0.16	0.26	0.36	0.36	0.34	0.25	0.15	0.16	0.21	0.24	0.22	0.13						
130	0.18	0.26	0.34	0.35	0.33	0.26	0.17	0.16	0.22	0.24	0.22	0.13						
135	0.20	0.27	0.33	0.31	0.32	0.26	0.18	0.16	0.23	0.24	0.23	0.14						
140	0.20	0.27	0.32	0.31	0.31	0.27	0.20	0.16	0.24	0.24	0.23	0.16						
145	0.20	0.27	0.31	0.31	0.30	0.27	0.23	0.20	0.24	0.24	0.24	0.19						
150	0.21	0.28	0.31	0.31	0.30	0.28	0.23	0.21	0.24	0.24	0.25	0.19						
155	0.22	0.29	0.31	0.31	0.29	0.29	0.25	0.21	0.27	0.24	0.26	0.20						
160	0.23	0.30	0.31	0.31	0.29	0.30	0.27	0.22	0.28	0.24	0.28	0.22						
165	0.25	0.31	0.31	0.31	0.29	0.30	0.28	0.23	0.29	0.24	0.29	0.23						
170	0.27	0.30	0.31	0.31	0.29	0.30	0.29	0.25	0.30	0.27	0.30	0.27						
175	0.29	0.30	0.31	0.31	0.29	0.30	0.30	0.29	0.30	0.29	0.30	0.28						
180	0.30	0.30	0.31	0.31	0.30	0.30	0.29	0.29	0.30	0.30	0.30	0.30						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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	17.72	17.90	18.04	18.14	18.21	18.28	17.72	17.90	18.04	18.14
3.0	17.72	17.89	18.04	18.14	18.21	18.26	17.69	17.90	18.00	18.15
6.0	17.68	17.81	17.99	18.04	18.17	18.17	17.59	17.82	17.90	18.06
9.0	17.53	17.67	17.87	17.92	18.03	18.03	17.44	17.67	17.75	17.91
12.0	17.32	17.48	17.69	17.75	17.84	17.83	17.24	17.46	17.55	17.71
15.0	17.06	17.24	17.45	17.51	17.60	17.57	16.97	17.19	17.28	17.45
18.0	16.76	16.95	17.15	17.22	17.30	17.26	16.67	16.89	16.97	17.13
21.0	16.40	16.60	16.82	16.91	16.96	16.91	16.30	16.51	16.61	16.77
24.0	15.98	16.19	16.42	16.51	16.55	16.50	15.87	16.08	16.20	16.34
27.0	15.52	15.73	15.97	16.06	16.09	16.03	15.40	15.62	15.73	15.88
30.0	15.01	15.24	15.47	15.57	15.58	15.49	14.88	15.09	15.22	15.37
33.0	14.45	14.68	14.91	15.02	15.02	14.93	14.35	14.53	14.65	14.80
36.0	13.86	14.10	14.33	14.42	14.43	14.32	13.73	13.92	14.05	14.20
39.0	13.23	13.46	13.69	13.79	13.78	13.65	13.09	13.27	13.41	13.55
42.0	12.55	12.78	13.02	13.12	13.09	12.98	12.41	12.58	12.73	12.86
45.0	11.85	12.07	12.31	12.41	12.36	12.25	11.70	11.88	12.00	12.14
48.0	11.10	11.35	11.57	11.68	11.61	11.48	10.96	11.13	11.26	11.40
51.0	10.34	10.56	10.80	10.91	10.81	10.70	10.18	10.34	10.48	10.60
54.0	9.532	9.763	10.01	10.11	9.984	9.838	9.375	9.531	9.667	9.798
57.0	8.713	8.943	9.210	9.431	9.130	9.014	8.556	8.697	8.837	8.973
60.0	7.868	8.084	8.490	8.556	8.240	8.124	7.701	7.822	7.972	8.119
63.0	6.999	7.199	7.608	7.671	7.331	7.199	6.831	6.954	7.082	7.355
66.0	6.125	6.320	6.703	6.792	6.416	6.320	5.957	6.079	6.203	6.461
69.0	5.225	5.410	5.758	5.842	5.481	5.370	5.063	5.164	5.279	5.551
72.0	4.336	4.520	4.794	4.867	4.552	4.425	4.158	4.260	4.364	4.597
75.0	3.446	3.617	3.848	3.898	3.632	3.501	3.279	3.360	3.440	3.646
78.0	2.581	2.767	2.913	2.918	2.712	2.606	2.414	2.470	2.560	2.716
81.0	1.772	1.887	2.038	2.063	1.857	1.792	1.616	1.676	1.721	1.842
84.0	1.093	1.204	1.279	1.269	1.133	1.059	0.9426	0.9971	0.9925	1.098
87.0	0.5897	0.6675	0.7255	0.6875	0.6196	0.5771	0.4663	0.5289	0.4613	0.5441
90.0	0.2923	0.3413	0.4980	0.5142	0.4126	0.3013	0.1904	0.2770	0.2310	0.3442
93.0	0.1661	0.2843	0.4524	0.4573	0.3821	0.2662	0.0955	0.1911	0.2283	0.3198
96.0	0.1460	0.2738	0.4481	0.4504	0.3779	0.2587	0.0955	0.1759	0.2256	0.3066
99.0	0.1465	0.2633	0.4438	0.4476	0.3748	0.2512	0.0955	0.1759	0.2228	0.3009
102.0	0.1471	0.2631	0.4395	0.4448	0.3731	0.2464	0.0955	0.1626	0.2201	0.2953
105.0	0.1476	0.2628	0.4352	0.4420	0.3715	0.2470	0.0988	0.1575	0.2174	0.2865
108.0	0.1482	0.2626	0.4322	0.4391	0.3698	0.2476	0.1039	0.1558	0.2147	0.2714
111.0	0.1487	0.2623	0.4122	0.4372	0.3681	0.2482	0.1106	0.1558	0.2119	0.2647
114.0	0.1493	0.2621	0.4021	0.4020	0.3673	0.2489	0.1157	0.1558	0.2092	0.2597
117.0	0.1498	0.2619	0.3860	0.3869	0.3669	0.2495	0.1257	0.1558	0.2065	0.2513
120.0	0.1504	0.2616	0.3760	0.3698	0.3588	0.2501	0.1357	0.1558	0.2038	0.2412
123.0	0.1526	0.2618	0.3654	0.3638	0.3468	0.2507	0.1468	0.1558	0.2058	0.2412
126.0	0.1625	0.2630	0.3519	0.3578	0.3392	0.2513	0.1558	0.1558	0.2103	0.2412
129.0	0.1758	0.2641	0.3418	0.3518	0.3317	0.2573	0.1708	0.1558	0.2148	0.2412
132.0	0.1929	0.2653	0.3357	0.3165	0.3217	0.2607	0.1769	0.1558	0.2313	0.2412
135.0	0.1976	0.2664	0.3267	0.3066	0.3166	0.2641	0.1810	0.1558	0.2330	0.2412
138.0	0.1996	0.2676	0.3218	0.3066	0.3156	0.2668	0.1961	0.1558	0.2348	0.2412
141.0	0.2015	0.2687	0.3183	0.3066	0.3089	0.2694	0.2061	0.1658	0.2366	0.2412
144.0	0.2035	0.2699	0.3133	0.3066	0.3040	0.2721	0.2212	0.1860	0.2383	0.2412
147.0	0.2060	0.2710	0.3098	0.3066	0.3002	0.2747	0.2242	0.2060	0.2401	0.2412
150.0	0.2098	0.2765	0.3095	0.3066	0.2974	0.2820	0.2332	0.2060	0.2414	0.2412
153.0	0.2161	0.2835	0.3092	0.3066	0.2951	0.2897	0.2414	0.2061	0.2564	0.2412
156.0	0.2311	0.2898	0.3088	0.3066	0.2928	0.2958	0.2613	0.2061	0.2665	0.2412
159.0	0.2282	0.2968	0.3085	0.3066	0.2904	0.2976	0.2644	0.2121	0.2764	0.2412
162.0	0.2342	0.3016	0.3082	0.3066	0.2881	0.2973	0.2738	0.2211	0.2816	0.2412
165.0	0.2461	0.3053	0.3079	0.3066	0.2865	0.2971	0.2831	0.2272	0.2935	0.2412
168.0	0.2762	0.3044	0.3075	0.3066	0.2877	0.2968	0.2871	0.2362	0.2973	0.2613
171.0	0.2813	0.3034	0.3072	0.3066	0.2890	0.2967	0.2925	0.2562	0.2994	0.2764
174.0	0.2894	0.3025	0.3069	0.3066	0.2902	0.2966	0.2945	0.2763	0.3005	0.2839
177.0	0.2865	0.3015	0.3066	0.3066	0.2915	0.2965	0.2965	0.2865	0.3015	0.2915
180.0	0.2965	0.3015	0.3066	0.3066	0.2965	0.2965	0.2915	0.2915	0.3015	0.2965
G/C	300.0	330.0								
0.0	18.21	18.28								
3.0	18.18	18.28								
6.0	18.09	18.22								
9.0	17.95	18.07								
12.0	17.74	17.86								
15.0	17.48	17.59								
18.0	17.17	17.26								
21.0	16.81	16.89								
24.0	16.39	16.48								
27.0	15.92	15.97								
30.0	15.40	15.47								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-30

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:

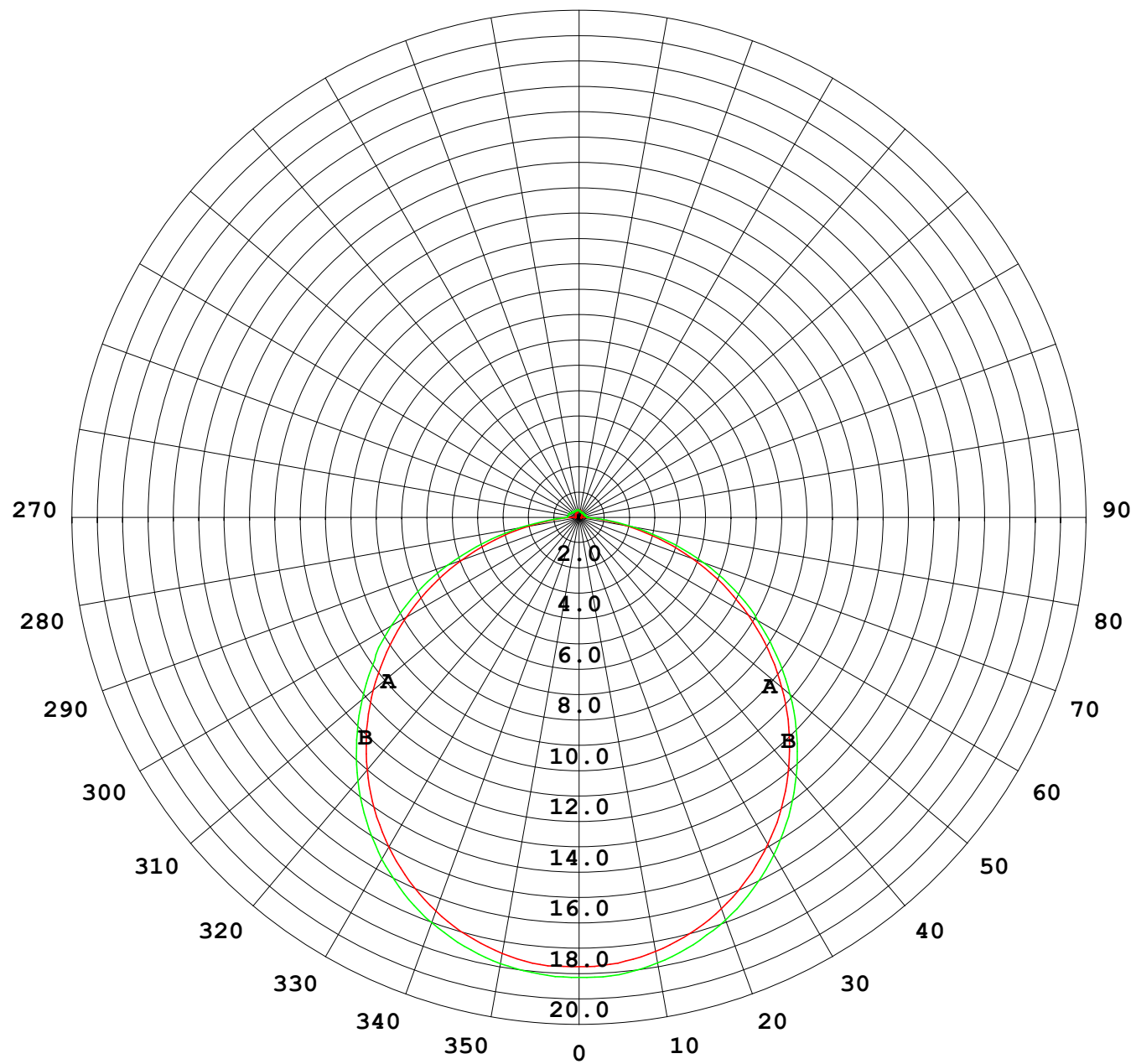
Photometric Data Table [cd]

33.0	14.84	14.89
36.0	14.24	14.29
39.0	13.59	13.63
42.0	12.90	12.93
45.0	12.17	12.20
48.0	11.43	11.45
51.0	10.64	10.65
54.0	9.817	9.838
57.0	8.983	8.988
60.0	8.123	8.104
63.0	7.248	7.225
66.0	6.374	6.320
69.0	5.465	5.390
72.0	4.524	4.471
75.0	3.610	3.551
78.0	2.756	2.651
81.0	1.887	1.811
84.0	1.118	1.093
87.0	0.5416	0.5541
90.0	0.2710	0.2469
93.0	0.2346	0.1308
96.0	0.2325	0.1204
99.0	0.2303	0.1196
102.0	0.2282	0.1188
105.0	0.2261	0.1180
108.0	0.2239	0.1172
111.0	0.2218	0.1164
114.0	0.2197	0.1172
117.0	0.2175	0.1189
120.0	0.2183	0.1216
123.0	0.2191	0.1249
126.0	0.2198	0.1281
129.0	0.2206	0.1313
132.0	0.2230	0.1346
135.0	0.2254	0.1407
138.0	0.2295	0.1536
141.0	0.2345	0.1665
144.0	0.2396	0.1908
147.0	0.2446	0.1909
150.0	0.2513	0.1943
153.0	0.2564	0.1993
156.0	0.2664	0.2064
159.0	0.2725	0.2152
162.0	0.2815	0.2218
165.0	0.2905	0.2311
168.0	0.3001	0.2462
171.0	0.3029	0.2705
174.0	0.3022	0.2771
177.0	0.3015	0.2864
180.0	0.2965	0.2965

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

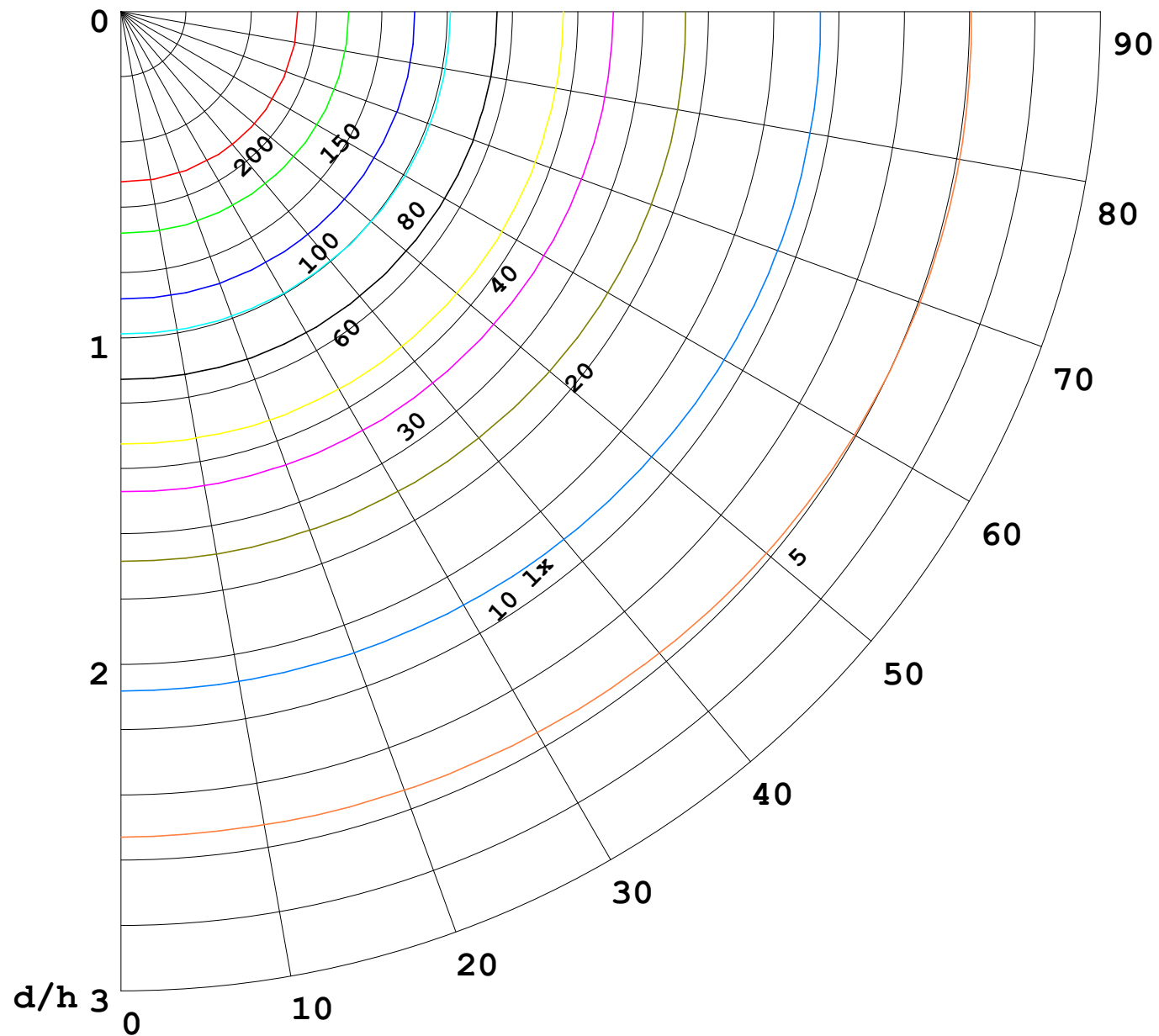
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

