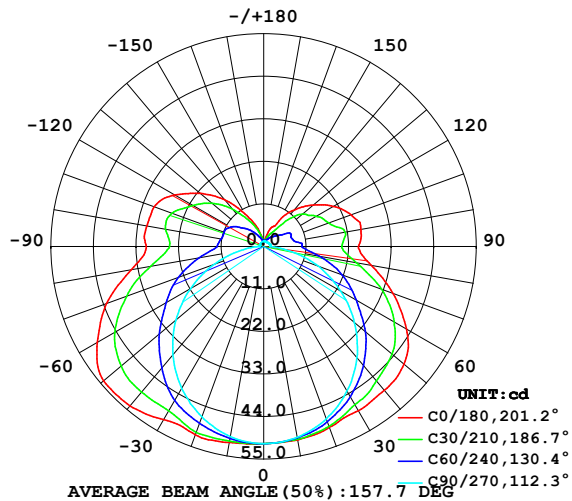


LUMINAIRE PHOTOMETRIC TEST REPORT

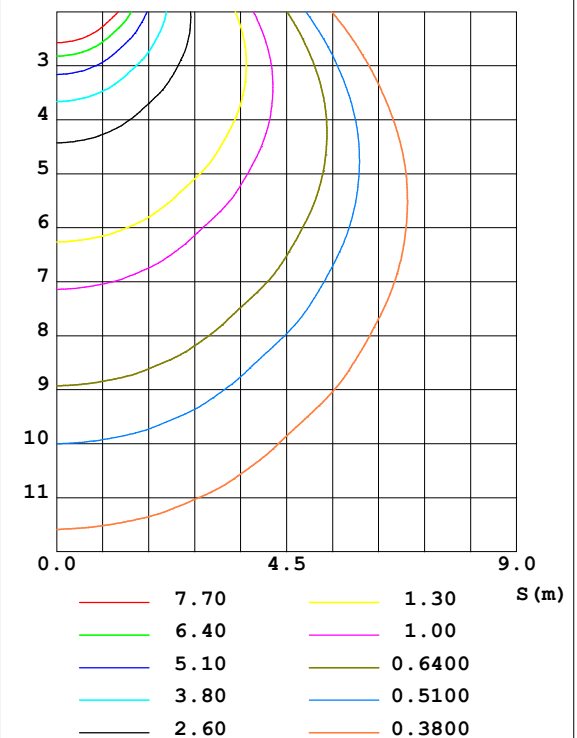
Test:U:24.00V I:0.2355A P:5.652W PF:1.000 Lamp Flux:284.663x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.37 lm/W			
MODEL	5050	I _{max} (cd)	54.12	S/MH (C0/180)	1.47
NOMINAL POWER (W)	5	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	284.66	η UP, DN (C0-180)	12.4, 37.1
NOMINAL FLUX (lm)	284.663	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	13.0, 37.6
LAMPS INSIDE	1	η up (%)	25.4	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24.0	η down (%)	74.6	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



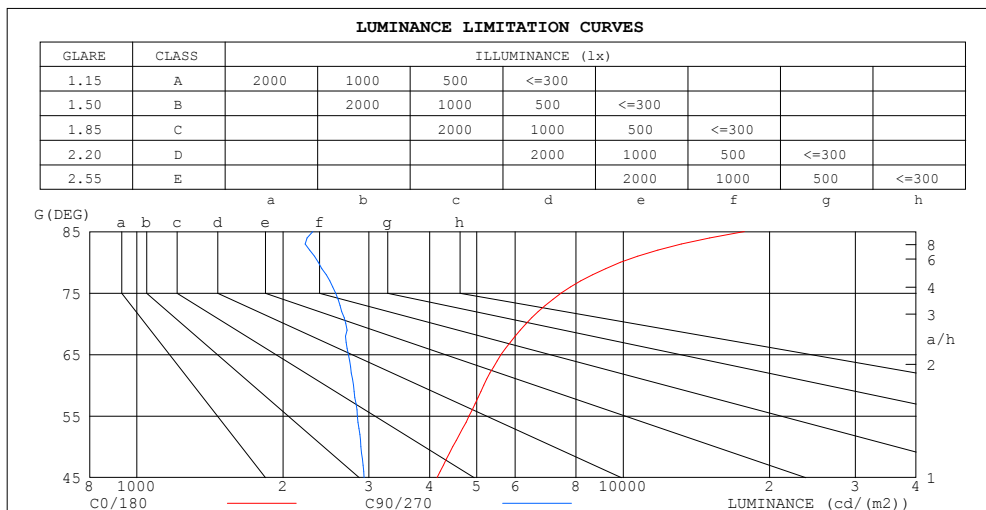
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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	50.81	50.45	50.11	50.94	51.47	50.77	49.90	50.33	0- 10	4.849	4.849	1.7,1.7
20	49.80	48.86	47.41	50.21	51.80	49.89	46.89	48.56	10- 20	14.16	19.01	6.68,6.68
30	49.02	46.04	43.12	48.03	51.74	47.57	42.42	45.59	20- 30	22.17	41.18	14.5,14.5
40	48.53	42.78	37.55	45.65	53.85	45.06	36.56	42.18	30- 40	28.52	69.69	24.5,24.5
50	47.36	38.84	30.64	42.35	54.06	41.68	29.62	38.14	40- 50	32.68	102.4	36,36
60	42.64	33.29	23.02	37.47	49.67	36.82	21.87	32.53	50- 60	33.75	136.1	47.8,47.8
70	35.61	27.05	15.19	31.25	43.24	30.64	13.70	26.35	60- 70	31.29	167.4	58.8,58.8
80	28.30	19.49	6.768	23.72	34.80	23.32	5.920	18.95	70- 80	25.75	193.2	67.9,67.9
90	24.52	15.07	1.679	18.67	30.41	18.21	1.306	14.61	80- 90	19.29	212.5	74.6,74.6
100	25.56	14.74	1.721	18.94	30.71	18.52	1.166	14.43	90-100	17.50	230.0	80.8,80.8
110	24.05	12.72	1.679	18.37	30.16	18.06	1.143	12.82	100-110	16.55	246.5	86.6,86.6
120	20.82	11.29	1.568	15.88	26.65	15.61	1.147	11.32	110-120	14.17	260.7	91.6,91.6
130	16.67	8.731	1.498	12.57	21.36	12.48	1.151	8.506	120-130	10.61	271.3	95.3,95.3
140	12.28	5.553	1.397	9.198	15.79	9.091	1.192	5.762	130-140	7.037	278.3	97.8,97.8
150	6.830	3.236	1.379	5.799	9.704	5.727	1.229	3.463	140-150	3.807	282.1	99.1,99.1
160	4.732	2.110	1.378	3.497	5.564	3.396	1.252	2.147	150-160	1.753	283.9	99.7,99.7
170	1.559	1.488	1.397	1.947	1.743	1.893	1.317	1.475	160-170	0.6438	284.5	99.9,99.9
180	1.327	1.415	1.427	1.460	1.352	1.452	1.412	1.417	170-180	0.1458	284.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	17740	2303
80	9876	2362
75	7463	2562
70	6310	2692
65	5611	2722
60	5168	2790
55	4822	2841
50	4465	2889
45	4141	2935

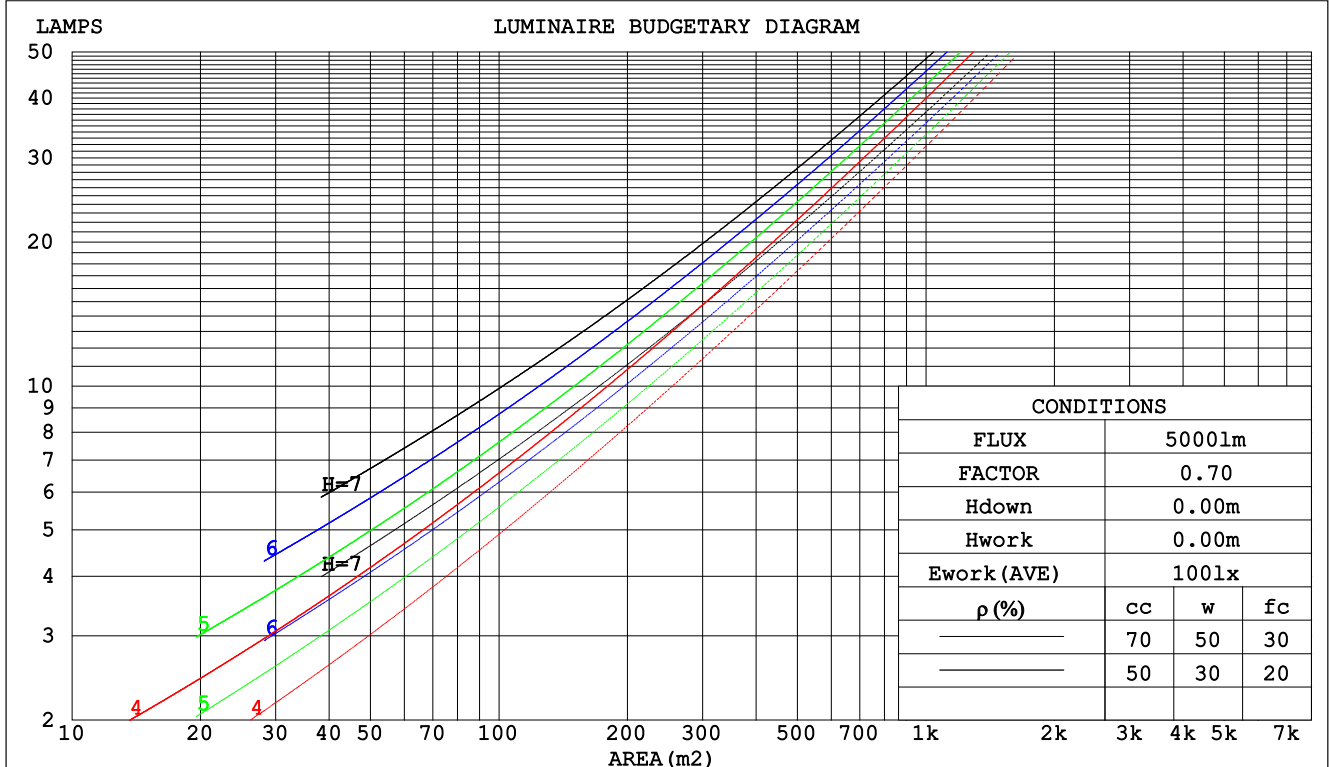
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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:0.2355A P:5.652W PF:1.000 Lamp Flux:284.663x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
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	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.79	.79	.79	.75
1.0	.94	.89	.84	.89	.85	.80	.80	.77	.73	.72	.69	.67	.65	.62	.60	.56
2.0	.80	.73	.66	.76	.69	.63	.69	.63	.58	.61	.57	.53	.55	.51	.48	.44
3.0	.70	.61	.54	.66	.58	.51	.59	.53	.47	.53	.48	.43	.48	.43	.39	.36
4.0	.61	.52	.44	.58	.49	.43	.52	.45	.39	.47	.41	.36	.42	.37	.33	.30
5.0	.54	.45	.38	.51	.43	.36	.46	.39	.33	.42	.36	.31	.37	.32	.28	.25
6.0	.48	.39	.32	.46	.37	.31	.41	.34	.29	.37	.31	.27	.34	.28	.24	.22
7.0	.43	.34	.28	.41	.33	.27	.37	.30	.25	.34	.28	.23	.30	.25	.21	.19
8.0	.39	.31	.25	.38	.29	.24	.34	.27	.22	.31	.25	.21	.28	.23	.19	.17
9.0	.36	.28	.22	.34	.27	.21	.31	.24	.20	.28	.23	.18	.26	.21	.17	.15
10.0	.33	.25	.20	.31	.24	.19	.29	.22	.18	.26	.21	.17	.24	.19	.15	.13



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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:0.2355A P:5.652W PF:1.000 Lamp Flux:284.663x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
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	.378	.215	.068	.363	.207	.066	.335	.192	.061	.310	.179	.057	.286	.166	.053	
2.0	.329	.180	.055	.316	.174	.054	.290	.161	.050	.267	.150	.047	.245	.139	.044	
3.0	.293	.156	.047	.281	.150	.045	.258	.140	.042	.236	.130	.040	.217	.120	.037	
4.0	.264	.137	.040	.253	.132	.039	.232	.123	.037	.213	.114	.034	.194	.106	.032	
5.0	.240	.122	.035	.230	.118	.034	.211	.110	.032	.193	.102	.030	.177	.094	.028	
6.0	.220	.110	.032	.211	.107	.031	.193	.099	.029	.177	.092	.027	.162	.085	.025	
7.0	.203	.100	.028	.195	.097	.028	.179	.090	.026	.163	.084	.024	.149	.078	.023	
8.0	.188	.092	.026	.181	.089	.025	.166	.083	.024	.152	.077	.022	.139	.071	.021	
9.0	.176	.085	.024	.168	.082	.023	.155	.076	.022	.142	.071	.020	.129	.066	.019	
10.0	.164	.079	.022	.158	.076	.021	.145	.071	.020	.133	.066	.019	.121	.061	.018	

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	.384	.384	.384	.328	.328	.328	.224	.224	.224	.129	.129	.129	.041	.041	.041	
1.0	.380	.350	.324	.325	.301	.279	.222	.207	.193	.128	.120	.112	.041	.039	.036	
2.0	.373	.328	.290	.320	.282	.250	.219	.195	.175	.126	.114	.102	.041	.037	.033	
3.0	.366	.312	.268	.314	.269	.233	.216	.187	.163	.124	.109	.096	.040	.035	.031	
4.0	.359	.299	.254	.308	.259	.221	.212	.180	.155	.122	.106	.092	.039	.034	.030	
5.0	.351	.290	.244	.302	.251	.213	.208	.175	.150	.120	.103	.089	.039	.034	.029	
6.0	.344	.282	.238	.296	.244	.207	.204	.171	.146	.118	.101	.087	.038	.033	.029	
7.0	.337	.276	.232	.290	.239	.203	.200	.167	.144	.116	.099	.085	.038	.032	.028	
8.0	.330	.270	.229	.284	.234	.199	.197	.164	.141	.114	.097	.084	.037	.032	.028	
9.0	.324	.265	.226	.279	.230	.197	.193	.162	.140	.113	.096	.083	.037	.031	.028	
10.0	.318	.261	.223	.274	.227	.195	.190	.160	.138	.111	.094	.083	.036	.031	.027	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-04-28

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:0.2355A P:5.652W PF:1.000 Lamp Flux:284.663x1 lm											
NAME: F18-24V-5050-70-SPI3-RGB-G					TYPE:硅胶			WEIGHT:			
DIM.: 16.5mm*16.5mm					SPEC.:			SERIAL No.:2022042801			
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	17.2	18.5	17.8	19.1	19.8	14.5	15.8	15.1	16.4	17.1	
	3H	19.8	20.9	20.4	21.6	22.3	16.2	17.4	16.8	18.0	18.7
	4H	21.1	22.2	21.7	22.9	23.6	16.9	18.0	17.5	18.7	19.4
	6H	22.5	23.6	23.2	24.3	25.1	17.4	18.5	18.1	19.1	19.9
	8H	23.3	24.4	24.0	25.0	25.8	17.6	18.6	18.3	19.3	20.1
	12H	24.3	25.3	25.0	25.9	26.8	17.7	18.7	18.4	19.4	20.2
4H	2H	17.7	18.8	18.3	19.5	20.2	15.8	16.9	16.4	17.5	18.3
	3H	20.5	21.5	21.2	22.2	23.0	17.6	18.6	18.3	19.3	20.1
	4H	22.0	22.9	22.7	23.6	24.5	18.5	19.4	19.2	20.1	20.9
	6H	23.7	24.5	24.4	25.2	26.1	19.2	20.0	19.9	20.7	21.6
	8H	24.6	25.3	25.3	26.1	27.0	19.4	20.2	20.2	20.9	21.8
	12H	25.7	26.4	26.4	27.1	28.0	19.6	20.3	20.4	21.1	22.0
8H	4H	22.3	23.0	23.0	23.8	24.7	19.4	20.2	20.2	20.9	21.8
	6H	24.2	24.9	25.0	25.6	26.6	20.5	21.1	21.2	21.9	22.8
	8H	25.4	25.9	26.2	26.7	27.7	20.9	21.5	21.7	22.3	23.2
	12H	26.7	27.2	27.5	28.0	29.0	21.3	21.8	22.1	22.6	23.6
12H	4H	22.3	23.0	23.1	23.8	24.7	19.7	20.4	20.5	21.2	22.1
	6H	24.3	24.9	25.1	25.7	26.6	21.0	21.5	21.7	22.3	23.3
	8H	25.6	26.0	26.4	26.9	27.8	21.5	22.0	22.3	22.8	23.8
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 284.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.4)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-04-28

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:0.2355A P:5.652W PF:1.000 Lamp Flux:284.663x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

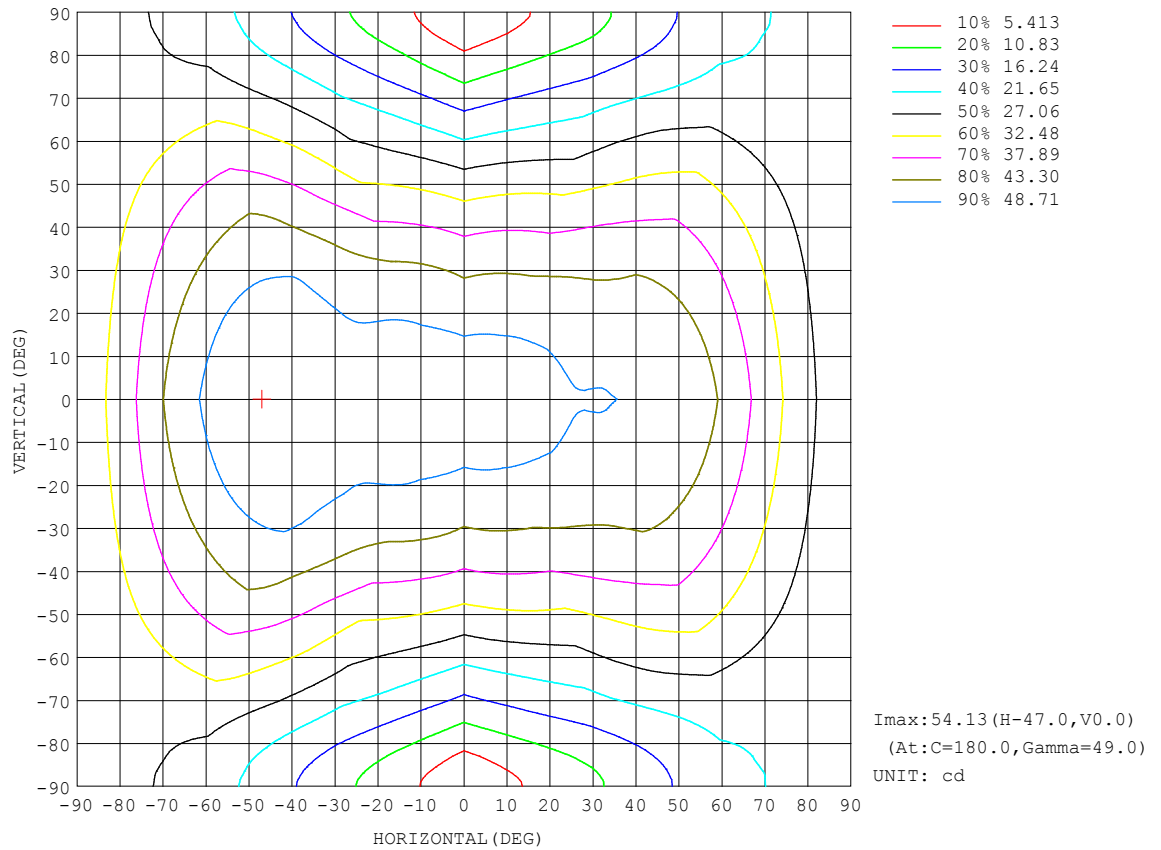
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	33	25	44	32	25	41	31	24	18
0.80	54	41	33	52	40	32	49	38	31	23
1.00	62	49	40	60	47	39	55	47	38	29
1.25	69	56	47	66	54	46	61	51	44	34
1.50	74	62	53	71	60	52	65	56	49	37
2.00	82	70	62	78	68	60	71	63	56	43
2.50	86	76	68	82	73	66	75	67	61	47
3.00	90	81	73	86	77	70	78	71	66	50
4.00	95	87	80	90	83	77	82	76	71	55
5.00	98	91	85	93	87	82	84	80	75	58
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:2022-04-28

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:0.2355A P:5.652W PF:1.000 Lamp Flux:284.663x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

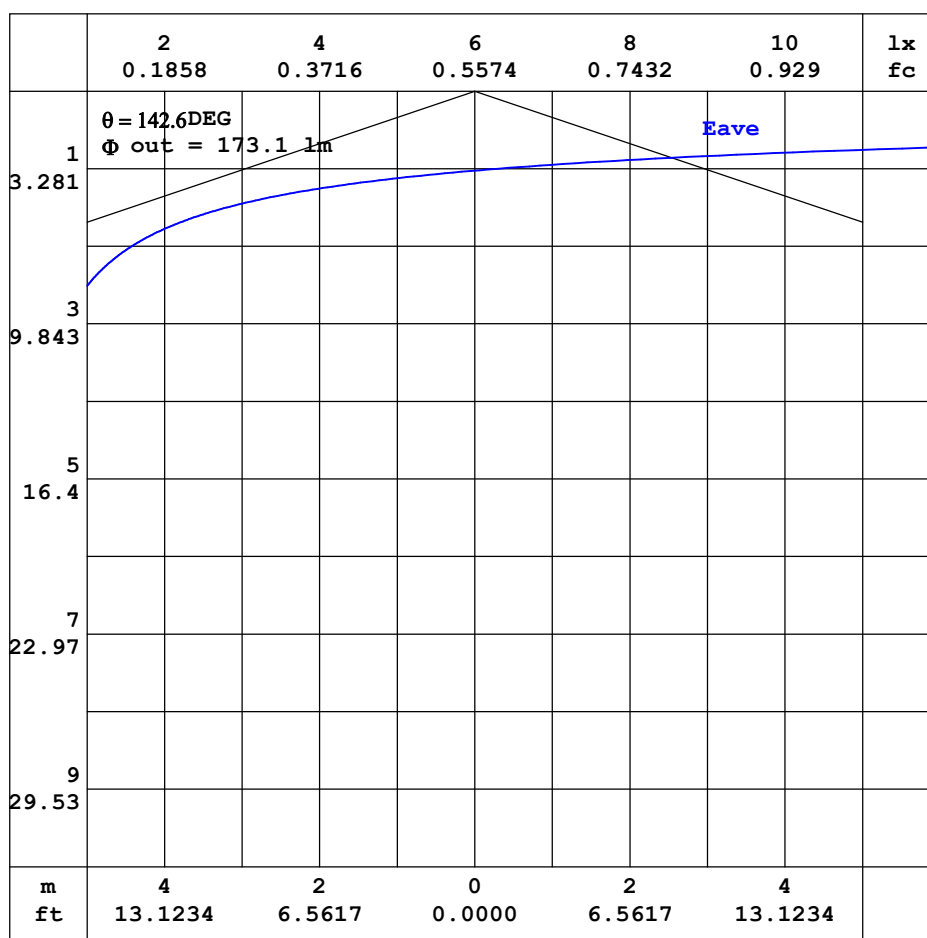


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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:0.2355A P:5.652W PF:1.000 Lamp Flux:284.663x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



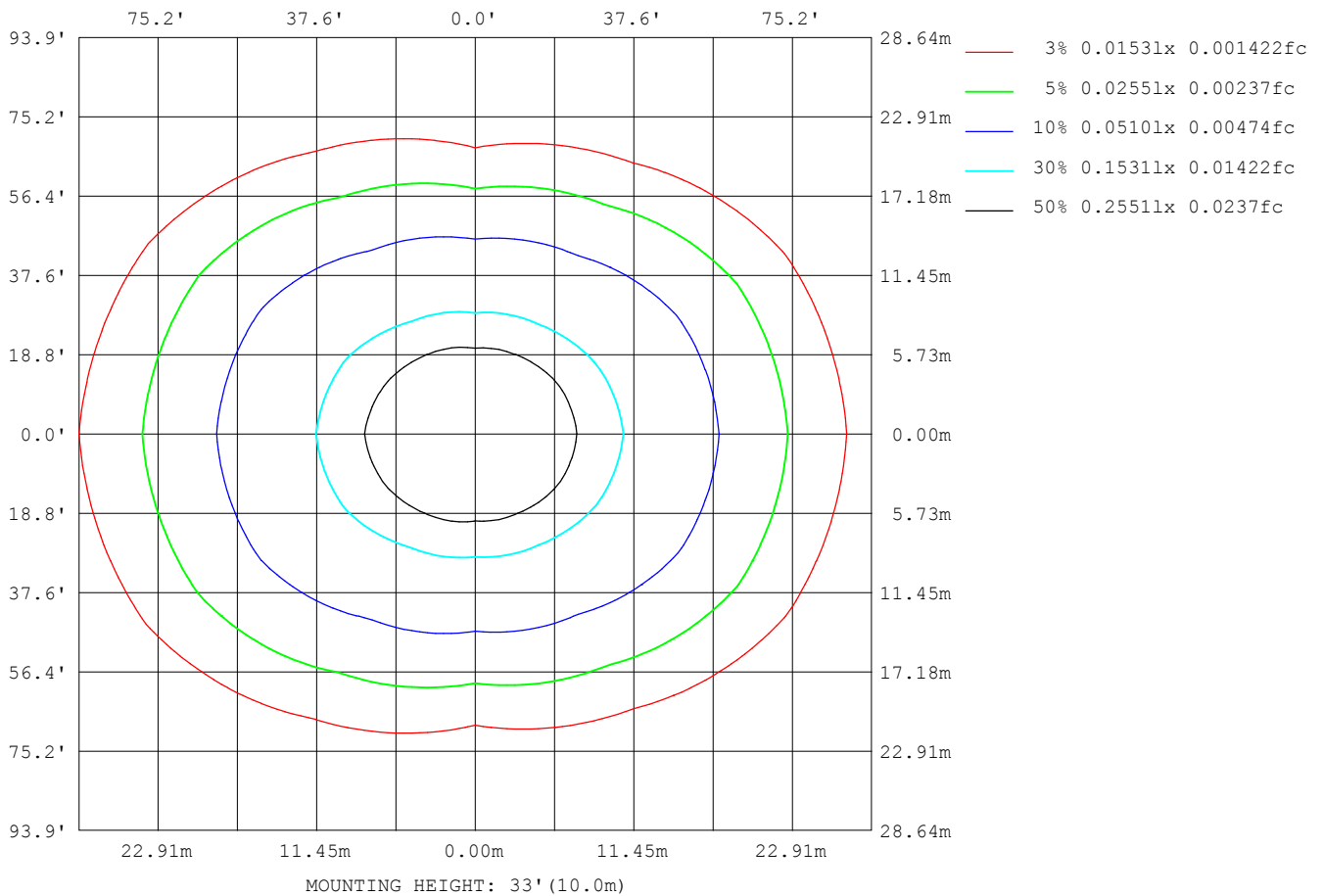
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-04-28

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

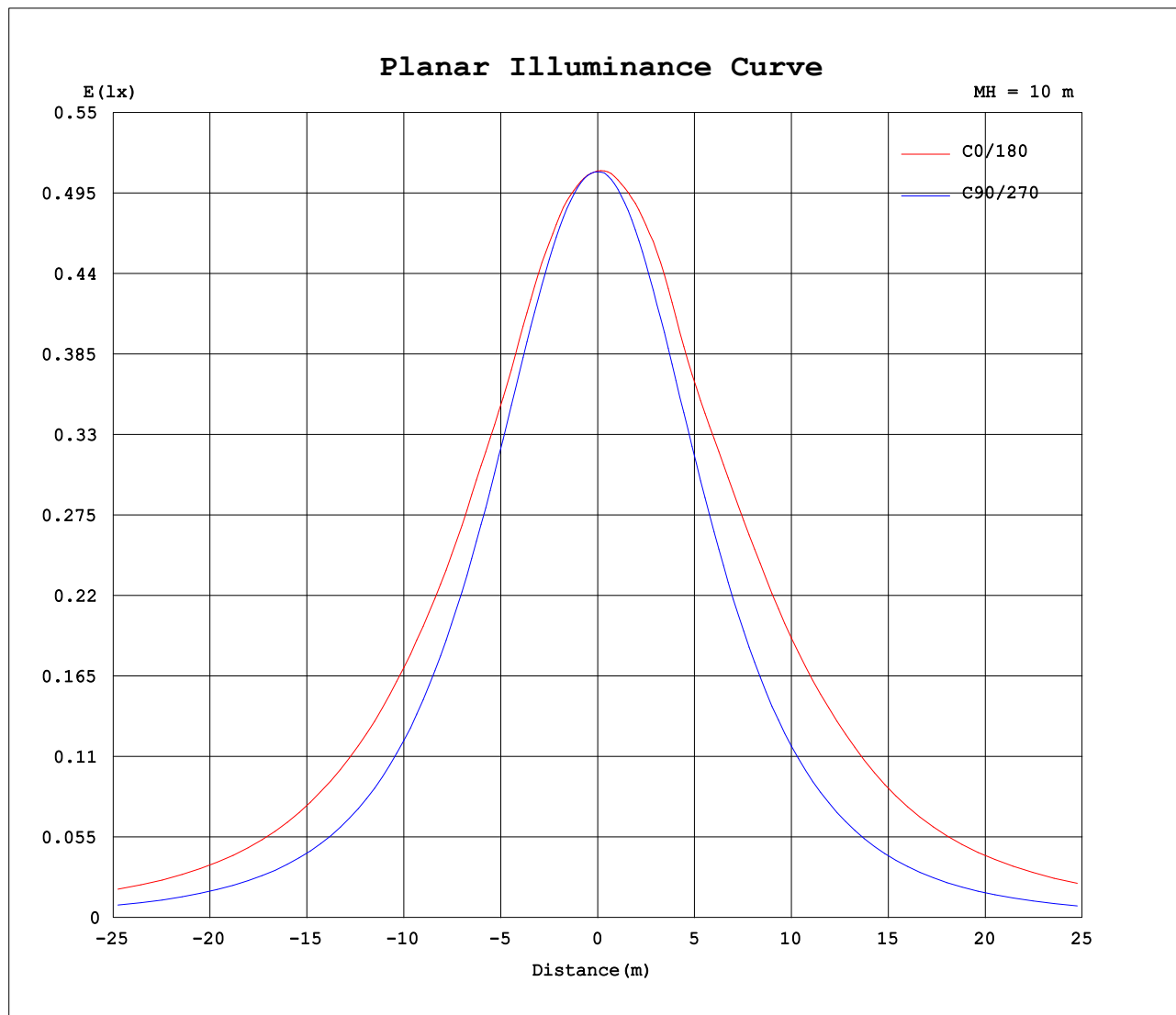
Test:U:24.00V I:0.2355A P:5.652W PF:1.000 Lamp Flux:284.663x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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: 2022-04-28

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:0.2355A P:5.652W PF:1.000 Lamp Flux:284.663x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
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	51.0	51.0	51.0	51.0	51.0	51.1	51.0	51.0	51.0	51.0	51.0	51.1						
5	50.9	50.8	50.8	50.8	51.0	51.2	51.2	51.1	50.9	50.7	50.7	50.8						
10	50.8	50.6	50.3	50.1	50.6	51.2	51.5	51.1	50.4	49.9	50.1	50.6						
15	50.4	50.1	49.4	49.0	49.9	51.4	51.9	51.2	49.6	48.6	49.2	50.0						
20	49.8	49.5	48.2	47.4	49.0	51.4	51.8	51.2	48.6	46.9	47.9	49.2						
25	49.0	48.5	46.7	45.5	48.0	50.3	51.1	50.0	47.5	44.8	46.2	48.1						
30	49.0	47.2	44.8	43.1	46.6	49.5	51.7	49.1	46.0	42.4	44.3	46.9						
35	48.8	46.7	42.7	40.5	44.3	49.6	52.9	49.1	43.7	39.6	42.0	46.3						
40	48.5	45.4	40.2	37.6	41.7	49.6	53.8	49.2	41.0	36.6	39.5	44.9						
45	48.3	44.4	37.3	34.2	38.9	49.5	54.1	49.0	38.1	33.2	36.5	43.9						
50	47.4	43.3	34.4	30.6	36.0	48.7	54.1	48.1	35.3	29.6	33.5	42.8						
55	45.6	41.6	30.8	26.9	32.7	47.2	52.5	46.6	32.0	25.8	30.0	40.9						
60	42.6	39.0	27.6	23.0	29.8	45.1	49.7	44.5	29.1	21.9	26.7	38.3						
65	39.1	36.0	24.7	19.0	27.2	41.9	46.5	41.3	26.5	17.8	23.8	35.3						
70	35.6	32.5	21.6	15.2	24.2	38.3	43.2	37.7	23.5	13.7	20.8	31.9						
75	31.9	28.2	18.3	10.9	20.9	34.5	39.0	34.0	20.2	9.59	17.4	27.7						
80	28.3	24.4	14.6	6.77	17.4	30.1	34.8	29.7	16.9	5.92	13.9	24.0						
85	25.5	21.4	11.5	3.31	14.2	26.5	31.5	26.2	13.9	2.75	10.8	21.1						
90	24.5	20.2	9.95	1.68	12.6	24.7	30.4	24.4	12.1	1.31	9.34	19.9						
95	25.3	20.8	9.89	1.70	12.1	25.2	31.0	24.7	11.7	1.19	9.35	20.5						
100	25.6	21.4	8.10	1.72	11.7	26.1	30.7	25.8	11.3	1.17	7.72	21.1						
105	25.4	19.6	7.70	1.72	11.4	26.3	30.4	26.1	10.9	1.14	7.21	20.3						
110	24.1	17.9	7.51	1.68	11.4	25.4	30.2	25.2	10.9	1.14	7.18	18.5						
115	22.6	17.0	7.79	1.64	11.2	23.5	28.9	23.2	10.8	1.14	7.00	17.0						
120	20.8	15.7	6.89	1.57	10.4	21.4	26.6	21.2	10.0	1.15	6.79	15.8						
125	18.9	14.1	5.22	1.54	9.31	19.6	23.9	19.4	9.05	1.15	5.22	14.1						
130	16.7	13.0	4.45	1.50	7.59	17.6	21.4	17.4	7.57	1.15	4.62	12.4						
135	14.6	10.8	3.74	1.45	6.61	15.3	18.7	15.2	6.56	1.17	4.07	10.7						
140	12.3	7.88	3.23	1.40	5.56	12.8	15.8	12.7	5.53	1.19	3.45	8.08						
145	10.2	5.18	2.86	1.39	4.66	10.2	12.6	9.96	4.59	1.21	2.84	5.75						
150	6.83	4.09	2.38	1.38	3.69	7.91	9.70	7.86	3.60	1.23	2.30	4.63						
155	5.72	3.27	2.01	1.37	2.92	6.17	7.41	6.13	2.84	1.24	1.85	3.70						
160	4.73	2.49	1.73	1.38	2.40	4.59	5.56	4.50	2.30	1.25	1.59	2.71						
165	2.77	1.86	1.52	1.38	1.97	3.09	3.54	3.06	1.88	1.28	1.44	1.93						
170	1.56	1.51	1.46	1.40	1.74	2.15	1.74	2.14	1.64	1.32	1.40	1.55						
175	1.39	1.40	1.40	1.42	1.65	1.68	1.44	1.70	1.57	1.35	1.38	1.44						
180	1.33	1.42	1.41	1.43	1.46	1.46	1.35	1.46	1.44	1.41	1.41	1.42						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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	51.02	51.00	50.99	50.96	50.99	51.05	51.02	51.00	50.99	50.96
3.0	50.92	50.89	50.91	50.90	51.01	51.17	51.16	51.09	50.97	50.89
6.0	50.83	50.78	50.72	50.67	50.96	51.18	51.23	51.10	50.82	50.59
9.0	50.82	50.66	50.41	50.28	50.74	51.23	51.40	51.12	50.53	50.12
12.0	50.60	50.52	49.96	49.69	50.35	51.31	51.67	51.15	50.10	49.43
15.0	50.44	50.11	49.45	48.96	49.90	51.41	51.87	51.17	49.61	48.59
18.0	50.13	49.82	48.80	48.09	49.37	51.46	52.02	51.19	49.02	47.61
21.0	49.68	49.26	47.91	47.04	48.81	51.26	51.64	50.98	48.42	46.46
24.0	49.11	48.66	46.96	45.90	48.23	50.61	51.17	50.28	47.75	45.25
27.0	48.91	47.90	45.99	44.60	47.54	49.87	51.18	49.56	46.97	43.83
30.0	49.02	47.24	44.83	43.12	46.59	49.47	51.74	49.11	46.03	42.42
33.0	48.99	46.95	43.53	41.62	45.30	49.50	52.48	49.04	44.72	40.79
36.0	48.68	46.49	42.21	39.96	43.81	49.61	53.09	49.12	43.20	39.03
39.0	48.53	45.65	40.72	38.12	42.20	49.66	53.65	49.15	41.55	37.16
42.0	48.54	44.99	39.03	36.28	40.57	49.60	53.94	49.12	39.84	35.20
45.0	48.31	44.41	37.35	34.24	38.92	49.52	54.05	49.02	38.15	33.19
48.0	47.83	43.80	35.63	32.14	37.23	49.13	54.10	48.58	36.46	31.07
51.0	47.11	43.07	33.69	29.94	35.36	48.49	53.93	47.85	34.63	28.87
54.0	46.10	41.99	31.51	27.64	33.41	47.58	53.01	46.98	32.67	26.62
57.0	44.57	40.58	29.47	25.37	31.54	46.51	51.44	45.95	30.81	24.28
60.0	42.64	38.96	27.61	23.02	29.82	45.11	49.67	44.50	29.14	21.87
63.0	40.56	37.26	25.85	20.60	28.23	43.22	47.78	42.64	27.52	19.49
66.0	38.44	35.31	24.11	18.17	26.69	41.16	45.94	40.62	25.97	17.01
69.0	36.35	33.24	22.25	16.00	24.87	38.98	43.99	38.41	24.17	14.50
72.0	34.12	30.85	20.32	13.46	22.91	36.81	41.62	36.33	22.22	12.04
75.0	31.87	28.21	18.28	10.94	20.86	34.48	38.97	34.01	20.20	9.586
78.0	29.68	25.81	16.08	8.416	18.77	31.77	36.38	31.34	18.24	7.283
81.0	27.66	23.70	13.90	5.989	16.68	29.27	34.06	28.91	16.30	5.347
84.0	25.97	21.93	11.96	3.865	14.76	27.13	32.04	26.78	14.44	3.344
87.0	24.99	20.68	10.56	2.349	13.27	25.56	30.80	25.23	12.91	1.898
90.0	24.52	20.19	9.946	1.679	12.60	24.74	30.41	24.36	12.06	1.306
93.0	25.02	20.52	9.976	1.692	12.30	24.90	30.79	24.40	11.88	1.224
96.0	25.37	20.99	9.489	1.704	12.09	25.39	30.96	24.87	11.61	1.176
99.0	25.52	21.45	8.342	1.717	11.82	25.98	30.77	25.58	11.35	1.171
102.0	25.66	21.15	7.911	1.720	11.59	26.36	30.57	26.00	11.07	1.151
105.0	25.41	19.57	7.695	1.719	11.42	26.32	30.39	26.08	10.94	1.141
108.0	24.49	18.43	7.509	1.704	11.40	25.83	30.26	25.68	10.90	1.142
111.0	23.82	17.68	7.623	1.673	11.38	25.10	30.00	24.94	10.90	1.143
114.0	22.92	17.14	7.825	1.643	11.28	24.00	29.26	23.71	10.85	1.144
117.0	21.94	16.61	7.660	1.603	10.90	22.50	28.08	22.36	10.46	1.146
120.0	20.82	15.69	6.890	1.568	10.36	21.41	26.65	21.20	10.02	1.147
123.0	19.66	14.87	5.537	1.558	9.777	20.34	24.96	20.12	9.486	1.148
126.0	18.43	13.97	5.053	1.523	9.049	19.19	23.44	19.03	8.771	1.149
129.0	17.11	13.30	4.555	1.508	7.926	17.98	21.88	17.81	7.807	1.150
132.0	15.88	12.39	4.103	1.488	7.174	16.68	20.26	16.53	7.145	1.161
135.0	14.60	10.82	3.736	1.447	6.611	15.31	18.67	15.17	6.556	1.166
138.0	13.29	9.322	3.454	1.417	5.948	13.86	16.96	13.68	5.933	1.186
141.0	11.93	7.202	3.152	1.397	5.380	12.32	15.21	12.07	5.335	1.195
144.0	10.67	5.620	2.936	1.391	4.872	10.77	13.36	10.46	4.782	1.201
147.0	9.237	4.546	2.715	1.385	4.259	9.153	11.39	9.075	4.179	1.216
150.0	6.830	4.090	2.383	1.379	3.686	7.912	9.704	7.858	3.596	1.229
153.0	5.930	3.647	2.117	1.373	3.173	6.777	8.257	6.803	3.079	1.238
156.0	5.580	3.105	1.951	1.373	2.811	5.883	7.017	5.808	2.718	1.246
159.0	4.988	2.687	1.790	1.377	2.499	4.907	5.906	4.842	2.401	1.249
162.0	3.976	2.195	1.639	1.381	2.217	3.917	4.783	3.853	2.115	1.258
165.0	2.773	1.859	1.518	1.385	1.966	3.094	3.540	3.063	1.879	1.276
168.0	2.118	1.623	1.488	1.392	1.795	2.486	2.720	2.454	1.723	1.322
171.0	1.503	1.477	1.448	1.407	1.714	1.994	1.647	2.001	1.628	1.327
174.0	1.403	1.412	1.407	1.412	1.669	1.718	1.472	1.734	1.573	1.342
177.0	1.357	1.377	1.367	1.427	1.594	1.633	1.427	1.649	1.518	1.362
180.0	1.327	1.422	1.407	1.427	1.462	1.457	1.352	1.462	1.442	1.412
G/C	300.0	330.0								
0.0	50.99	51.05								
3.0	50.82	50.91								
6.0	50.57	50.78								
9.0	50.22	50.63								
12.0	49.73	50.44								
15.0	49.17	49.95								
18.0	48.47	49.62								
21.0	47.55	49.02								
24.0	46.49	48.37								
27.0	45.44	47.56								
30.0	44.29	46.88								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-04-28

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:

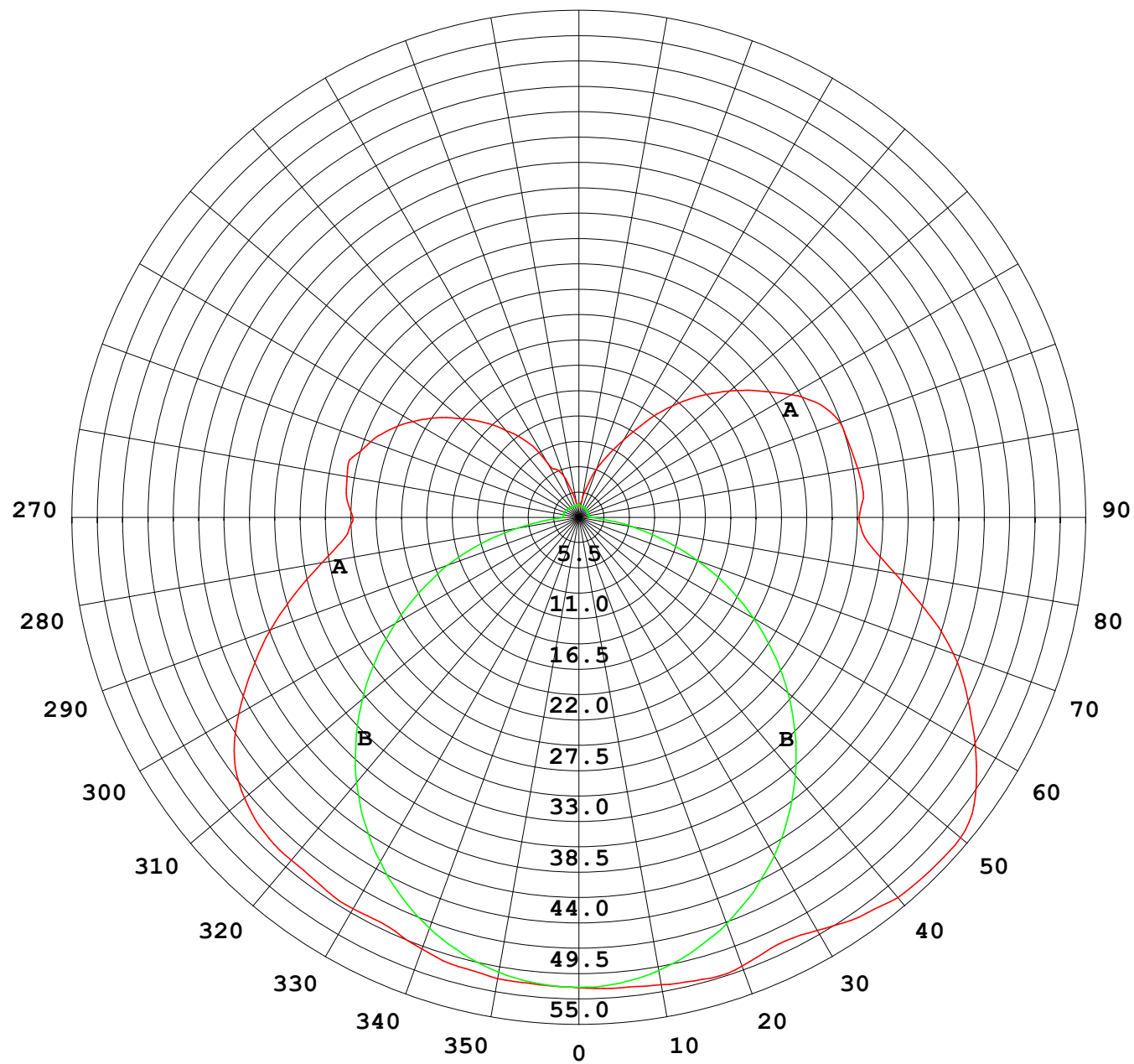
Photometric Data Table [cd]

33.0	42.94	46.59
36.0	41.53	46.05
39.0	40.03	45.19
42.0	38.26	44.46
45.0	36.51	43.87
48.0	34.79	43.27
51.0	32.83	42.42
54.0	30.68	41.31
57.0	28.62	39.88
60.0	26.73	38.33
63.0	24.93	36.64
66.0	23.24	34.67
69.0	21.42	32.63
72.0	19.42	30.34
75.0	17.36	27.74
78.0	15.29	25.36
81.0	13.24	23.32
84.0	11.36	21.59
87.0	9.933	20.42
90.0	9.343	19.88
93.0	9.388	20.18
96.0	8.844	20.67
99.0	7.963	21.13
102.0	7.407	20.95
105.0	7.206	20.25
108.0	7.016	19.30
111.0	7.246	18.18
114.0	6.991	17.19
117.0	7.066	16.49
120.0	6.785	15.85
123.0	5.636	14.88
126.0	5.126	13.62
129.0	4.768	12.53
132.0	4.402	11.98
135.0	4.075	10.66
138.0	3.717	9.261
141.0	3.315	7.489
144.0	2.949	6.094
147.0	2.662	5.309
150.0	2.295	4.631
153.0	1.984	4.068
156.0	1.794	3.520
159.0	1.638	2.927
162.0	1.492	2.339
165.0	1.440	1.926
168.0	1.415	1.654
171.0	1.398	1.513
174.0	1.385	1.458
177.0	1.372	1.412
180.0	1.412	1.422

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

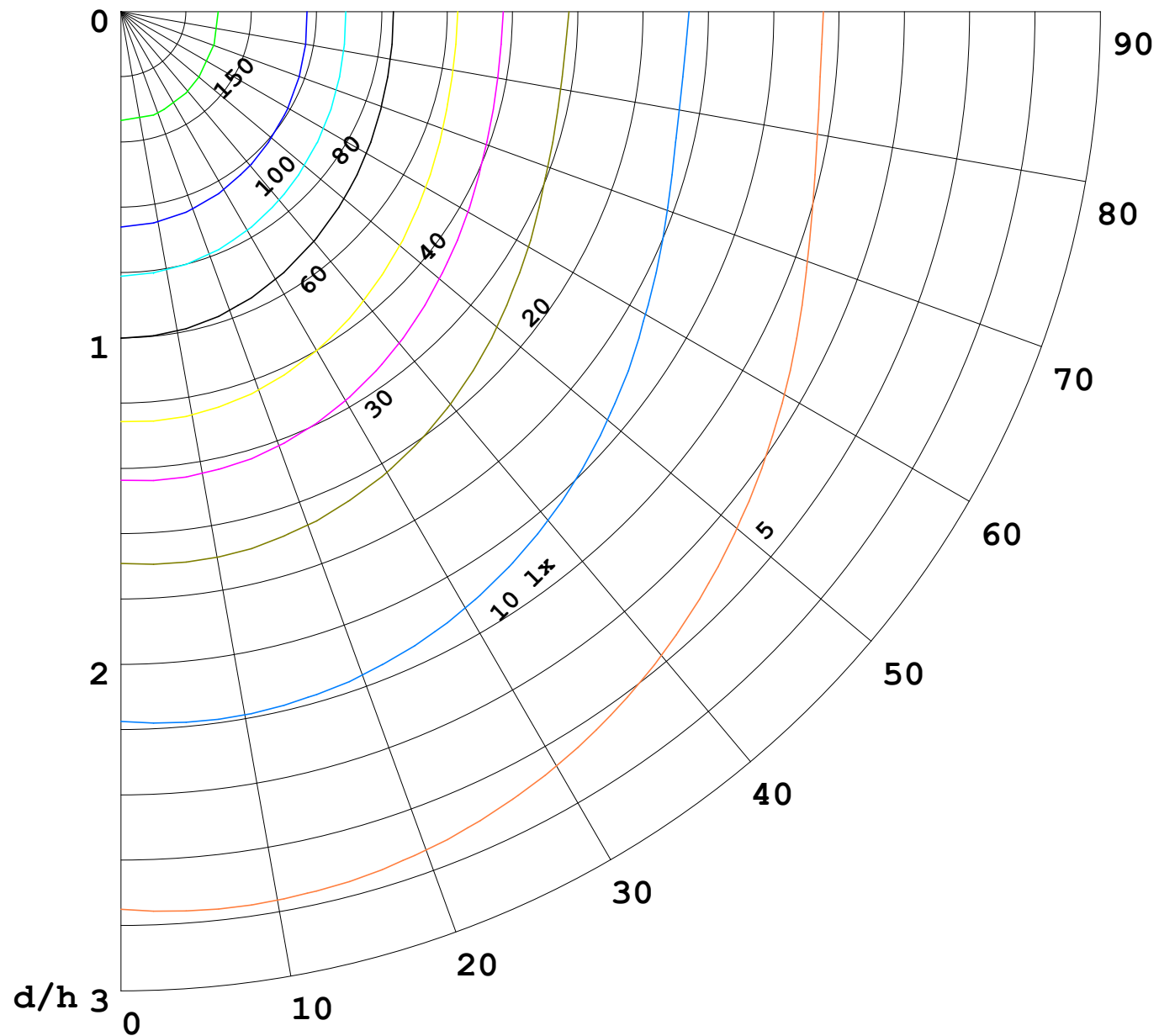
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

