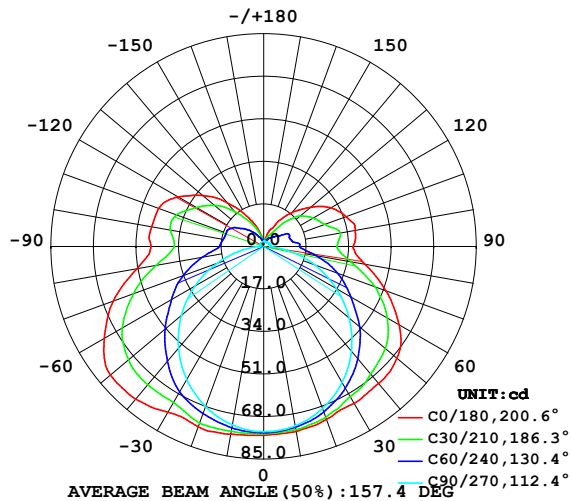


LUMINAIRE PHOTOMETRIC TEST REPORT

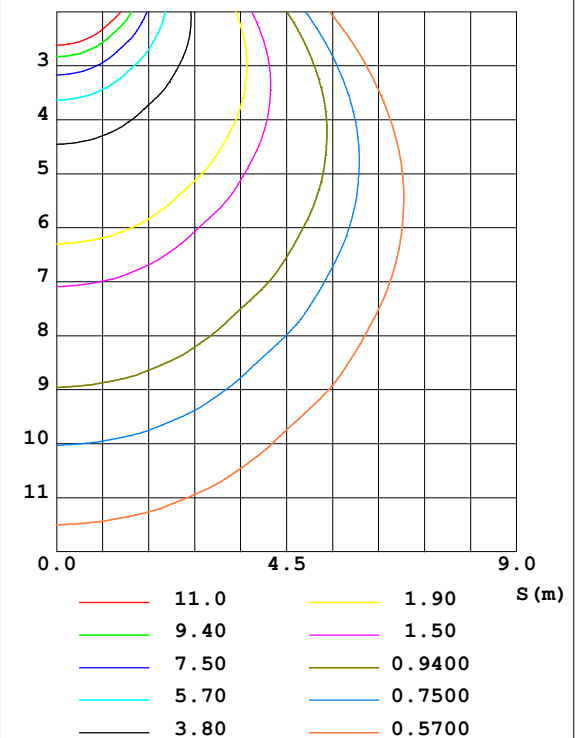
Test:U:24.00V I:0.5784A P:13.88W PF:1.000 Lamp Flux:414.998x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 29.90 lm/W			
MODEL	5050	I _{max} (cd)	80.08	S/MH (C0/180)	1.46
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	415.00	η UP, DN (C0-180)	12.4, 37.0
NOMINAL FLUX (lm)	414.998	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)



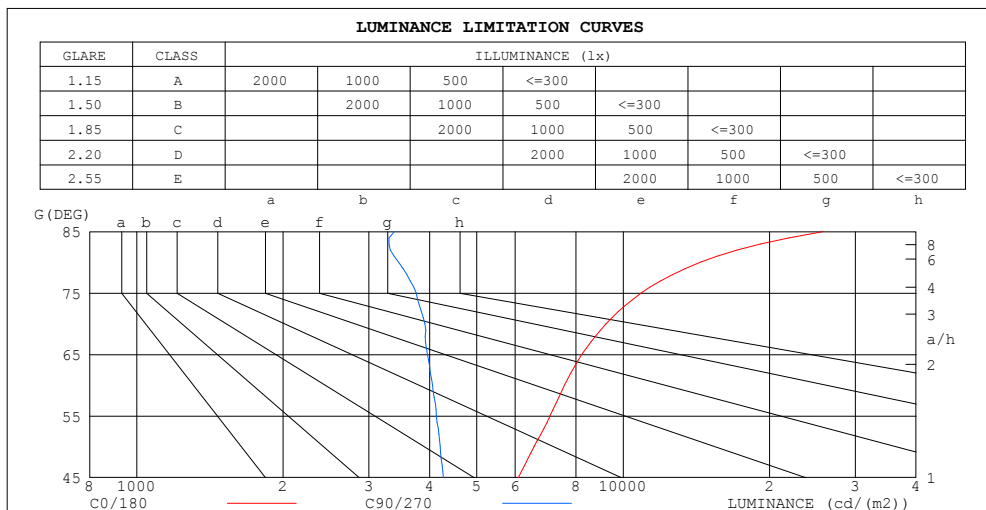
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-04-28

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	75.07	73.83	72.80	73.54	76.13	74.30	72.42	72.58	0- 10	7.066	7.066	1.7,1.7
20	73.51	71.50	68.87	72.54	76.70	73.05	68.02	70.03	10- 20	20.63	27.70	6.67,6.67
30	72.36	67.35	62.72	69.42	76.56	69.64	61.49	65.72	20- 30	32.31	60.01	14.5,14.5
40	71.50	62.54	54.65	66.00	79.63	66.00	52.99	60.78	30- 40	41.57	101.6	24.5,24.5
50	69.56	56.76	44.60	61.25	79.98	61.02	42.96	54.88	40- 50	47.63	149.2	36,36
60	62.50	48.60	33.45	54.21	73.58	53.91	31.78	46.78	50- 60	49.19	198.4	47.8,47.8
70	52.04	39.40	22.06	45.21	64.03	44.90	19.90	37.81	60- 70	45.59	244.0	58.8,58.8
80	41.23	28.34	9.896	34.39	51.53	34.21	8.632	27.14	70- 80	37.52	281.5	67.8,67.8
90	35.73	21.85	2.478	27.05	45.07	26.70	1.865	20.86	80- 90	28.09	309.6	74.6,74.6
100	37.22	21.39	2.538	27.45	45.53	27.19	1.699	20.60	90-100	25.48	335.1	80.7,80.7
110	35.07	18.47	2.518	26.70	44.73	26.52	1.669	18.25	100-110	24.12	359.2	86.6,86.6
120	30.97	16.44	2.362	23.06	39.57	22.96	1.669	16.15	110-120	20.69	379.9	91.5,91.5
130	24.33	12.76	2.211	18.30	31.77	18.39	1.703	12.06	120-130	15.53	395.4	95.3,95.3
140	17.75	8.528	2.065	13.43	22.92	13.24	1.799	8.358	130-140	10.27	405.7	97.8,97.8
150	11.47	4.621	2.016	8.460	14.46	8.479	1.809	5.001	140-150	5.568	411.2	99.1,99.1
160	6.722	3.135	2.025	5.122	8.366	5.052	1.854	3.117	150-160	2.582	413.8	99.7,99.7
170	2.247	2.204	2.061	2.869	2.672	2.833	1.960	2.141	160-170	0.9509	414.8	99.9,99.9
180	1.985	2.113	2.091	2.138	2.045	2.161	2.056	2.121	170-180	0.2163	415.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	25807	3385
80	14389	3454
75	10894	3752
70	9221	3909
65	8221	3961
60	7575	4055
55	7077	4133
50	6559	4206
45	6090	4272

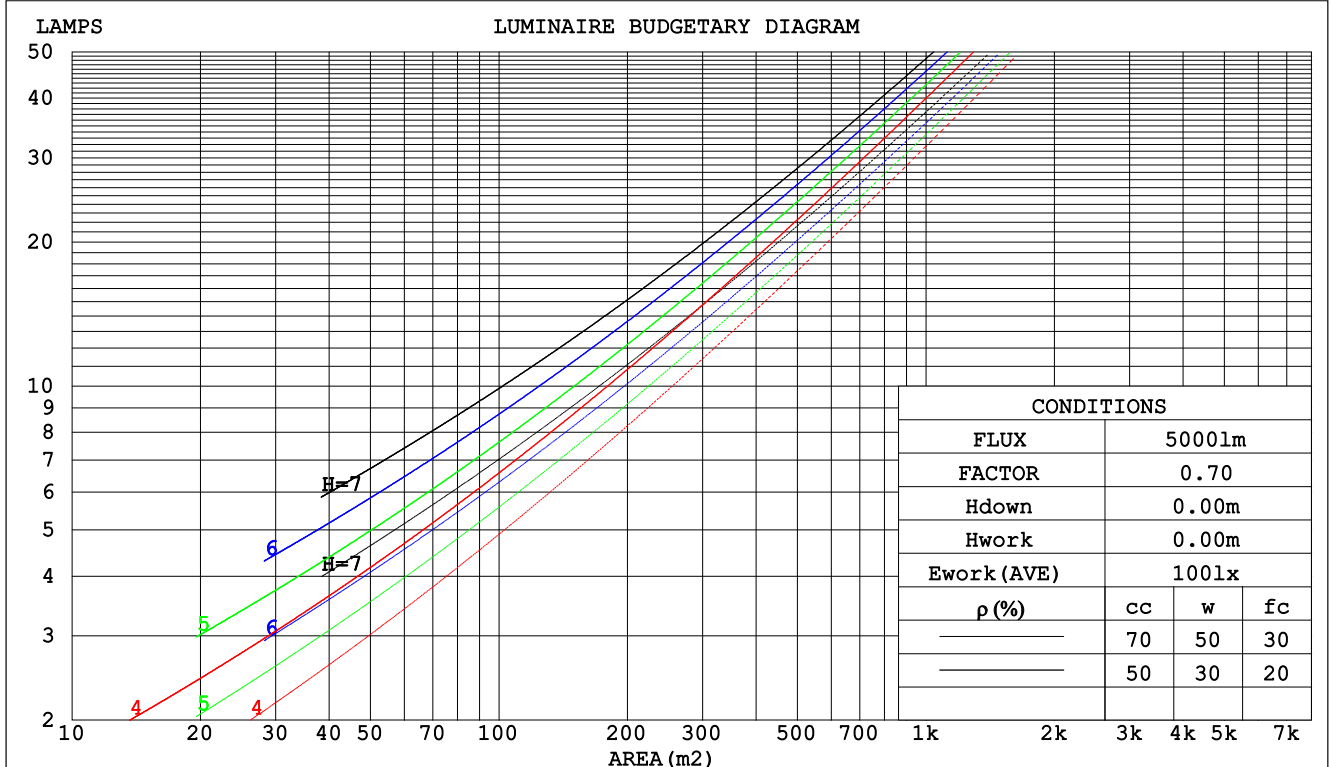
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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:0.5784A P:13.88W PF:1.000 Lamp Flux:414.998x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB	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															



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:0.5784A P:13.88W PF:1.000 Lamp Flux:414.998x1 lm					
NAME: F18-24V-5050-70-SPI3-RGB			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	.212	.114	.034	.194	.106	.032		
5.0	.240	.122	.035	.230	.118	.034	.211	.110	.032	.193	.102	.030	.176	.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	.351	.324	.325	.301	.279	.222	.207	.193	.128	.120	.112	.041	.039	.036	
2.0	.374	.328	.290	.320	.282	.251	.219	.195	.175	.126	.114	.102	.041	.037	.033	
3.0	.366	.312	.269	.314	.269	.233	.216	.187	.163	.125	.109	.096	.040	.035	.032	
4.0	.359	.300	.254	.308	.259	.221	.212	.180	.156	.123	.106	.092	.039	.034	.030	
5.0	.351	.290	.245	.302	.251	.213	.208	.175	.150	.120	.103	.089	.039	.034	.029	
6.0	.344	.282	.238	.296	.244	.207	.204	.171	.147	.118	.101	.087	.038	.033	.029	
7.0	.337	.276	.233	.290	.239	.203	.200	.168	.144	.116	.099	.086	.038	.032	.028	
8.0	.331	.270	.229	.285	.234	.200	.197	.165	.142	.115	.097	.084	.037	.032	.028	
9.0	.324	.266	.226	.279	.231	.197	.194	.162	.140	.113	.096	.083	.037	.031	.028	
10.0	.319	.262	.224	.275	.227	.195	.191	.160	.139	.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:0.5784A P:13.88W PF:1.000 Lamp Flux:414.998x1 lm											
NAME: F18-24V-5050-70-SPI3-RGB						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	18.5	19.8	19.1	20.4	21.1	15.8	17.1	16.4	17.7	18.4	
	21.1	22.3	21.7	22.9	23.7	17.5	18.7	18.1	19.3	20.0	
	22.4	23.5	23.1	24.2	25.0	18.2	19.3	18.8	20.0	20.7	
	23.8	24.9	24.5	25.6	26.4	18.7	19.8	19.4	20.4	21.2	
	24.6	25.7	25.3	26.3	27.1	18.9	19.9	19.6	20.6	21.4	
	25.6	26.6	26.3	27.2	28.1	19.0	20.0	19.7	20.7	21.5	
4H	2H	19.0	20.1	19.7	20.8	21.6	17.1	18.2	17.7	18.8	19.6
	3H	21.8	22.8	22.5	23.5	24.3	18.9	19.9	19.6	20.6	21.4
	4H	23.3	24.2	24.1	25.0	25.8	19.8	20.7	20.5	21.4	22.2
	6H	25.0	25.8	25.7	26.5	27.4	20.5	21.3	21.2	22.0	22.9
	8H	25.9	26.6	26.6	27.4	28.3	20.7	21.5	21.5	22.2	23.1
	12H	27.0	27.7	27.7	28.4	29.3	20.9	21.6	21.7	22.4	23.3
8H	4H	23.6	24.4	24.4	25.1	26.0	20.7	21.5	21.5	22.2	23.1
	6H	25.5	26.2	26.3	26.9	27.9	21.8	22.4	22.5	23.2	24.1
	8H	26.7	27.2	27.5	28.0	29.0	22.2	22.8	23.0	23.6	24.5
	12H	28.0	28.5	28.8	29.3	30.3	22.6	23.1	23.4	23.9	24.9
12H	4H	23.6	24.3	24.4	25.1	26.0	21.0	21.7	21.8	22.5	23.4
	6H	25.6	26.2	26.4	27.0	27.9	22.3	22.8	23.0	23.6	24.6
	8H	26.9	27.3	27.7	28.2	29.1	22.8	23.3	23.6	24.1	25.1
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 415.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.1)

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:0.5784A P:13.88W PF:1.000 Lamp Flux:414.998x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

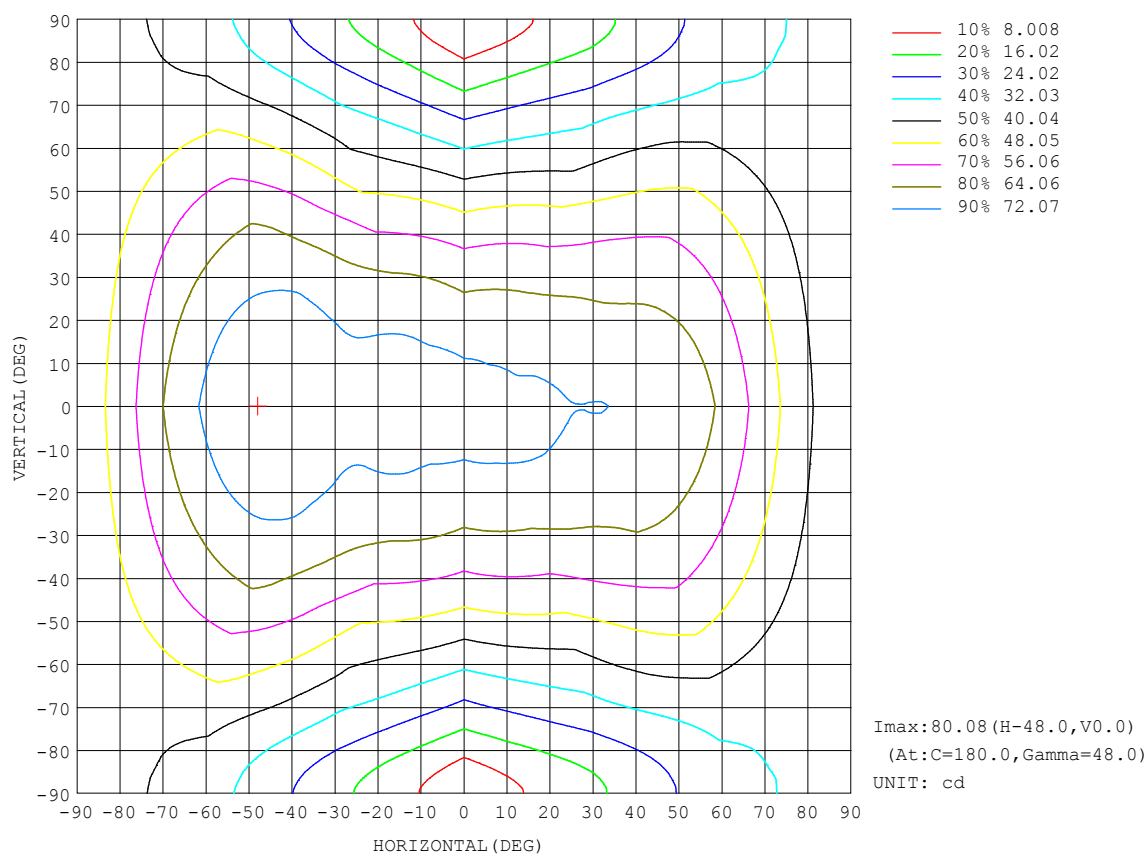
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	33	25	44	32	25	41	31	24	18
0.80	54	41	33	52	40	32	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:0.5784A P:13.88W PF:1.000 Lamp Flux:414.998x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

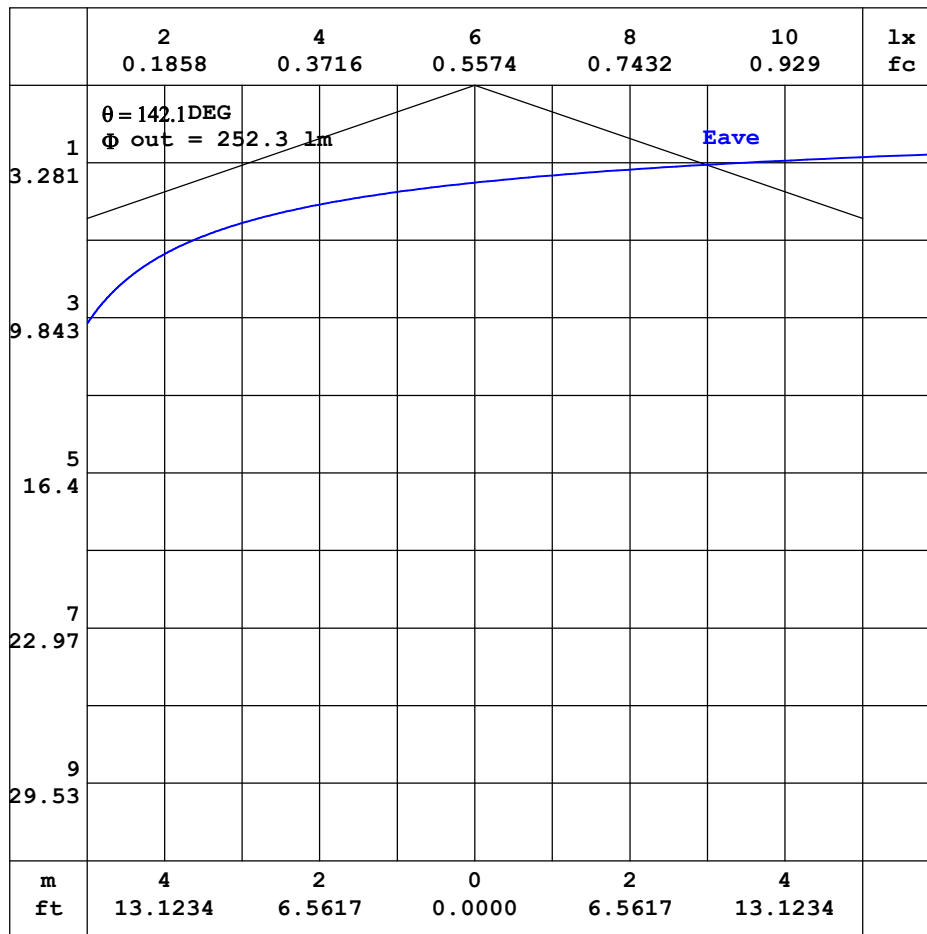


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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:0.5784A P:13.88W PF:1.000 Lamp Flux:414.998x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



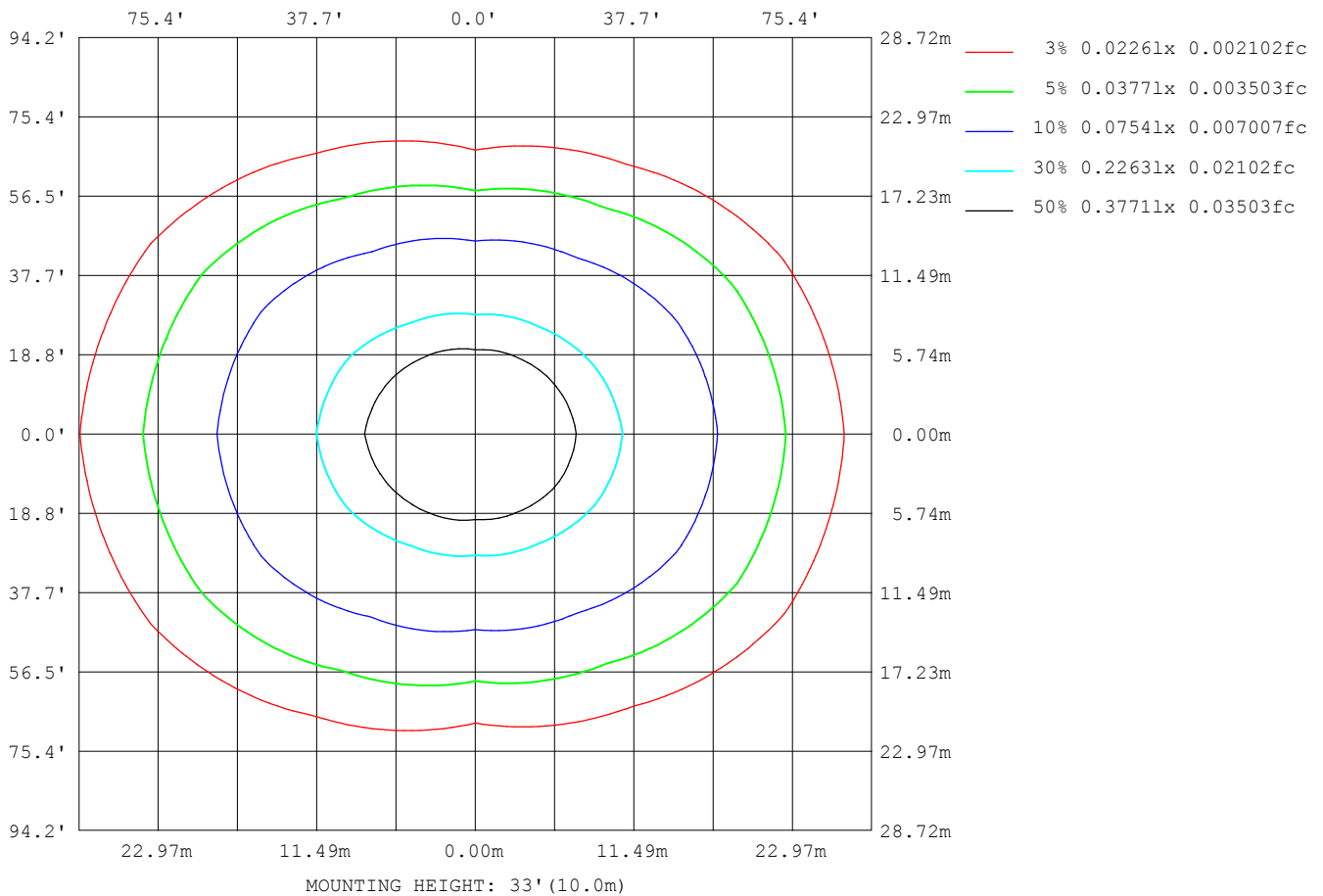
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

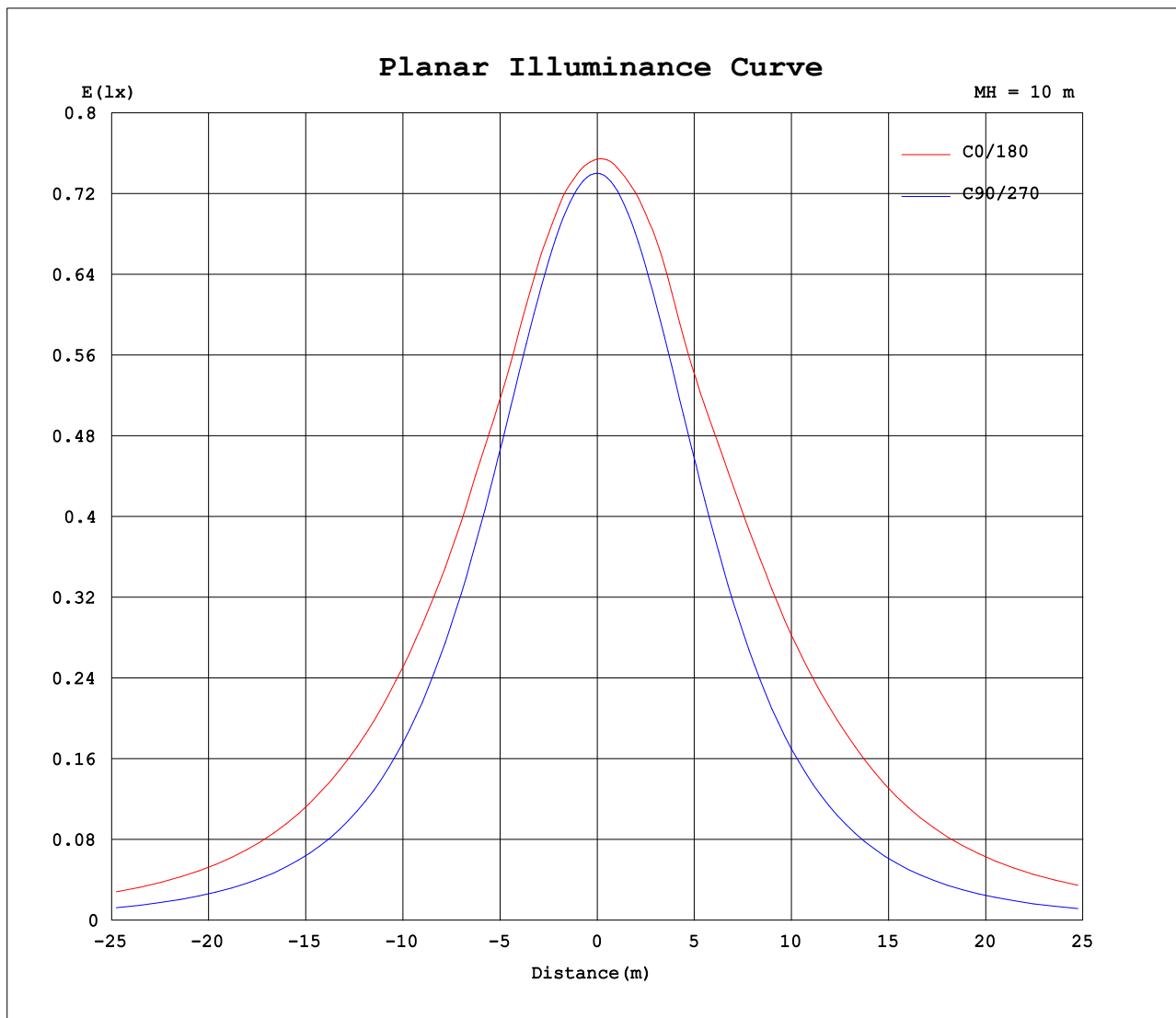
Test:U:24.00V I:0.5784A P:13.88W PF:1.000 Lamp Flux:414.998x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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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:0.5784A P:13.88W PF:1.000 Lamp Flux:414.998x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB	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	75.4	74.9	74.4	74.0	73.7	73.5	75.4	74.9	74.4	74.0	73.7	73.5						
5	75.2	74.6	74.1	73.7	73.7	73.7	75.8	75.0	74.3	73.6	73.2	73.2						
10	75.1	74.3	73.3	72.8	73.2	73.8	76.1	75.0	73.6	72.4	72.4	72.8						
15	74.5	73.6	72.1	71.2	72.2	74.1	76.7	75.2	72.4	70.5	71.0	71.9						
20	73.5	72.7	70.3	68.9	70.9	74.2	76.7	75.1	71.0	68.0	69.2	70.9						
25	72.3	71.1	68.0	66.1	69.5	72.7	75.6	73.5	69.4	65.0	66.7	69.3						
30	72.4	69.3	65.4	62.7	67.5	71.4	76.6	72.1	67.2	61.5	64.0	67.5						
35	71.9	68.5	62.2	58.9	64.1	71.6	78.3	72.1	63.9	57.4	60.7	66.6						
40	71.5	66.5	58.5	54.6	60.3	71.7	79.6	72.1	59.9	53.0	57.0	64.6						
45	71.1	65.0	54.4	49.8	56.4	71.5	80.0	71.9	55.7	48.1	52.7	63.1						
50	69.6	63.4	50.1	44.6	52.1	70.4	80.0	70.5	51.5	43.0	48.4	61.4						
55	67.0	60.8	44.9	39.1	47.5	68.3	77.8	68.4	46.8	37.5	43.3	58.6						
60	62.5	57.0	40.2	33.5	43.2	65.2	73.6	65.2	42.6	31.8	38.6	55.0						
65	57.3	52.6	35.9	27.6	39.4	60.6	69.0	60.6	38.7	25.9	34.3	50.6						
70	52.0	47.4	31.4	22.1	35.1	55.3	64.0	55.4	34.4	19.9	29.9	45.7						
75	46.5	41.0	26.6	16.0	30.3	49.9	57.7	49.9	29.6	14.0	25.0	39.7						
80	41.2	35.4	21.3	9.90	25.3	43.5	51.5	43.6	24.8	8.63	20.0	34.3						
85	37.1	31.1	16.6	4.87	20.6	38.4	46.7	38.4	20.3	3.96	15.6	30.1						
90	35.7	29.3	14.4	2.48	18.3	35.8	45.1	35.7	17.7	1.87	13.4	28.3						
95	36.9	30.2	14.3	2.51	17.6	36.5	45.9	36.3	17.1	1.72	13.4	29.2						
100	37.2	31.1	11.7	2.54	17.0	37.9	45.5	37.9	16.5	1.70	11.1	30.1						
105	37.0	28.8	11.2	2.54	16.6	38.1	45.1	38.3	16.1	1.68	10.4	28.7						
110	35.1	26.0	10.9	2.52	16.6	36.8	44.7	37.0	16.0	1.67	10.3	26.2						
115	33.3	24.3	11.3	2.44	16.3	34.2	42.9	34.2	15.8	1.67	10.0	24.2						
120	31.0	22.7	10.2	2.36	15.1	31.0	39.6	31.2	14.8	1.67	9.73	22.6						
125	28.0	21.0	7.56	2.29	13.5	28.5	35.6	28.5	13.1	1.67	7.51	20.2						
130	24.3	19.0	6.52	2.21	11.1	25.5	31.8	25.6	11.2	1.70	6.64	17.5						
135	21.0	15.6	5.35	2.14	9.60	22.3	27.8	22.3	9.70	1.74	5.95	15.2						
140	17.8	12.4	4.69	2.07	8.12	18.7	22.9	18.3	8.18	1.80	5.01	11.7						
145	14.6	7.93	4.16	2.03	6.80	14.7	18.6	14.7	6.79	1.80	4.16	8.08						
150	11.5	5.76	3.48	2.02	5.39	11.5	14.5	11.6	5.33	1.81	3.36	6.64						
155	8.02	4.71	2.95	2.01	4.28	9.03	11.2	9.02	4.22	1.81	2.73	5.30						
160	6.72	3.72	2.55	2.03	3.52	6.73	8.37	6.66	3.44	1.85	2.36	3.88						
165	4.10	2.74	2.22	2.04	2.88	4.56	5.30	4.55	2.81	1.91	2.08	2.77						
170	2.25	2.27	2.14	2.06	2.55	3.19	2.67	3.21	2.46	1.96	2.04	2.24						
175	2.07	2.07	2.05	2.09	2.43	2.50	2.21	2.54	2.36	2.04	2.02	2.09						
180	1.99	2.13	2.10	2.09	2.14	2.14	2.05	2.18	2.15	2.06	2.13	2.12						

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	75.42	74.88	74.42	74.02	73.71	73.51	75.42	74.88	74.42	74.02
3.0	75.26	74.71	74.28	73.93	73.76	73.70	75.64	74.99	74.38	73.88
6.0	75.11	74.57	73.99	73.61	73.68	73.73	75.78	75.03	74.18	73.44
9.0	75.10	74.37	73.54	73.03	73.37	73.82	76.03	75.00	73.77	72.72
12.0	74.73	74.16	72.87	72.21	72.82	73.94	76.46	75.09	73.16	71.75
15.0	74.49	73.56	72.13	71.16	72.19	74.09	76.75	75.15	72.43	70.53
18.0	73.96	73.11	71.18	69.88	71.42	74.23	77.00	75.17	71.57	69.10
21.0	73.30	72.28	69.88	68.40	70.64	73.96	76.45	74.84	70.71	67.48
24.0	72.46	71.38	68.50	66.73	69.80	73.04	75.77	73.79	69.72	65.64
27.0	72.18	70.25	67.07	64.83	68.81	71.94	75.76	72.73	68.57	63.67
30.0	72.36	69.32	65.37	62.72	67.45	71.40	76.56	72.08	67.21	61.49
33.0	72.20	68.87	63.46	60.51	65.55	71.42	77.64	71.97	65.32	59.09
36.0	71.72	68.18	61.54	58.10	63.41	71.69	78.57	72.10	63.11	56.59
39.0	71.49	66.95	59.35	55.51	61.08	71.71	79.35	72.14	60.69	53.90
42.0	71.45	65.97	56.91	52.69	58.75	71.63	79.89	72.04	58.19	51.05
45.0	71.06	65.05	54.45	49.84	56.36	71.53	79.99	71.88	55.73	48.11
48.0	70.26	64.17	51.95	46.68	53.91	70.99	80.08	71.23	53.26	45.09
51.0	69.17	63.03	49.14	43.57	51.24	70.04	79.80	70.15	50.59	41.90
54.0	67.63	61.44	45.97	40.19	48.41	68.79	78.49	68.87	47.75	38.61
57.0	65.34	59.35	42.94	36.94	45.69	67.25	76.21	67.37	45.03	35.23
60.0	62.50	56.98	40.23	33.45	43.20	65.22	73.58	65.25	42.57	31.78
63.0	59.45	54.44	37.64	29.96	40.91	62.50	70.81	62.55	40.21	28.30
66.0	56.32	51.55	35.09	26.47	38.66	59.53	68.09	59.61	37.93	24.72
69.0	53.14	48.47	32.37	23.22	36.04	56.36	65.14	56.41	35.31	21.07
72.0	49.82	44.93	29.56	19.60	33.21	53.22	61.65	53.35	32.47	17.51
75.0	46.52	41.05	26.61	16.02	30.26	49.89	57.73	49.94	29.56	13.97
78.0	43.27	37.49	23.43	12.33	27.28	45.94	53.86	46.04	26.72	10.68
81.0	40.24	34.44	20.22	8.735	24.26	42.35	50.43	42.47	23.88	7.697
84.0	37.76	31.85	17.33	5.691	21.46	39.33	47.50	39.28	21.17	4.804
87.0	36.38	30.04	15.28	3.484	19.28	37.05	45.66	37.02	18.94	2.724
90.0	35.73	29.30	14.41	2.478	18.30	35.81	45.07	35.74	17.66	1.865
93.0	36.49	29.77	14.46	2.503	17.88	36.07	45.63	35.85	17.40	1.767
96.0	36.96	30.46	13.68	2.518	17.56	36.78	45.90	36.54	17.01	1.719
99.0	37.13	31.14	12.02	2.533	17.16	37.62	45.63	37.57	16.64	1.709
102.0	37.37	30.72	11.55	2.548	16.84	38.18	45.33	38.18	16.25	1.694
105.0	36.97	28.77	11.19	2.538	16.61	38.14	45.05	38.29	16.06	1.676
108.0	35.67	26.89	10.96	2.526	16.57	37.48	44.88	37.71	16.00	1.670
111.0	34.76	25.63	11.06	2.498	16.55	36.43	44.49	36.63	16.00	1.669
114.0	33.66	24.65	11.33	2.447	16.43	34.88	43.41	34.82	15.96	1.669
117.0	32.43	23.85	11.11	2.392	15.87	32.70	41.71	32.88	15.49	1.669
120.0	30.97	22.73	10.15	2.362	15.07	31.05	39.57	31.17	14.75	1.669
123.0	29.31	21.86	8.073	2.302	14.23	29.54	37.12	29.61	13.97	1.669
126.0	27.35	20.54	7.315	2.282	12.95	27.95	34.87	27.97	12.61	1.674
129.0	25.10	19.42	6.581	2.226	11.34	26.13	32.53	26.19	11.51	1.679
132.0	22.93	18.04	5.905	2.206	10.61	24.32	30.15	24.28	10.63	1.724
135.0	20.96	15.63	5.354	2.141	9.603	22.25	27.79	22.28	9.701	1.744
138.0	19.08	13.76	5.062	2.106	8.662	20.16	25.11	19.94	8.781	1.774
141.0	17.08	11.38	4.560	2.050	7.878	17.96	21.94	17.45	7.887	1.800
144.0	15.31	8.539	4.253	2.032	7.104	15.43	19.47	15.40	7.083	1.803
147.0	13.25	7.052	3.976	2.024	6.230	13.28	16.93	13.37	6.208	1.806
150.0	11.47	5.757	3.485	2.016	5.385	11.53	14.46	11.62	5.334	1.809
153.0	8.839	5.059	3.107	2.012	4.637	9.896	12.40	10.02	4.581	1.811
156.0	7.882	4.568	2.866	2.010	4.118	8.611	10.58	8.563	4.064	1.814
159.0	7.015	3.993	2.624	2.015	3.675	7.183	8.870	7.160	3.597	1.844
162.0	5.732	3.250	2.403	2.031	3.253	5.755	7.193	5.704	3.175	1.890
165.0	4.098	2.738	2.222	2.040	2.881	4.556	5.302	4.551	2.813	1.910
168.0	3.074	2.432	2.186	2.056	2.629	3.672	4.135	3.676	2.553	1.950
171.0	2.207	2.201	2.126	2.071	2.518	2.954	2.526	2.972	2.437	1.975
174.0	2.086	2.110	2.061	2.086	2.448	2.548	2.236	2.589	2.372	2.005
177.0	2.021	2.055	2.015	2.091	2.348	2.442	2.176	2.463	2.296	2.055
180.0	1.985	2.131	2.096	2.091	2.141	2.136	2.045	2.176	2.146	2.056
G/C	300.0	330.0								
0.0	73.71	73.51								
3.0	73.46	73.30								
6.0	73.10	73.08								
9.0	72.57	72.87								
12.0	71.85	72.57								
15.0	71.04	71.86								
18.0	70.04	71.38								
21.0	68.69	70.53								
24.0	67.15	69.60								
27.0	65.65	68.42								
30.0	63.98	67.45								

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

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

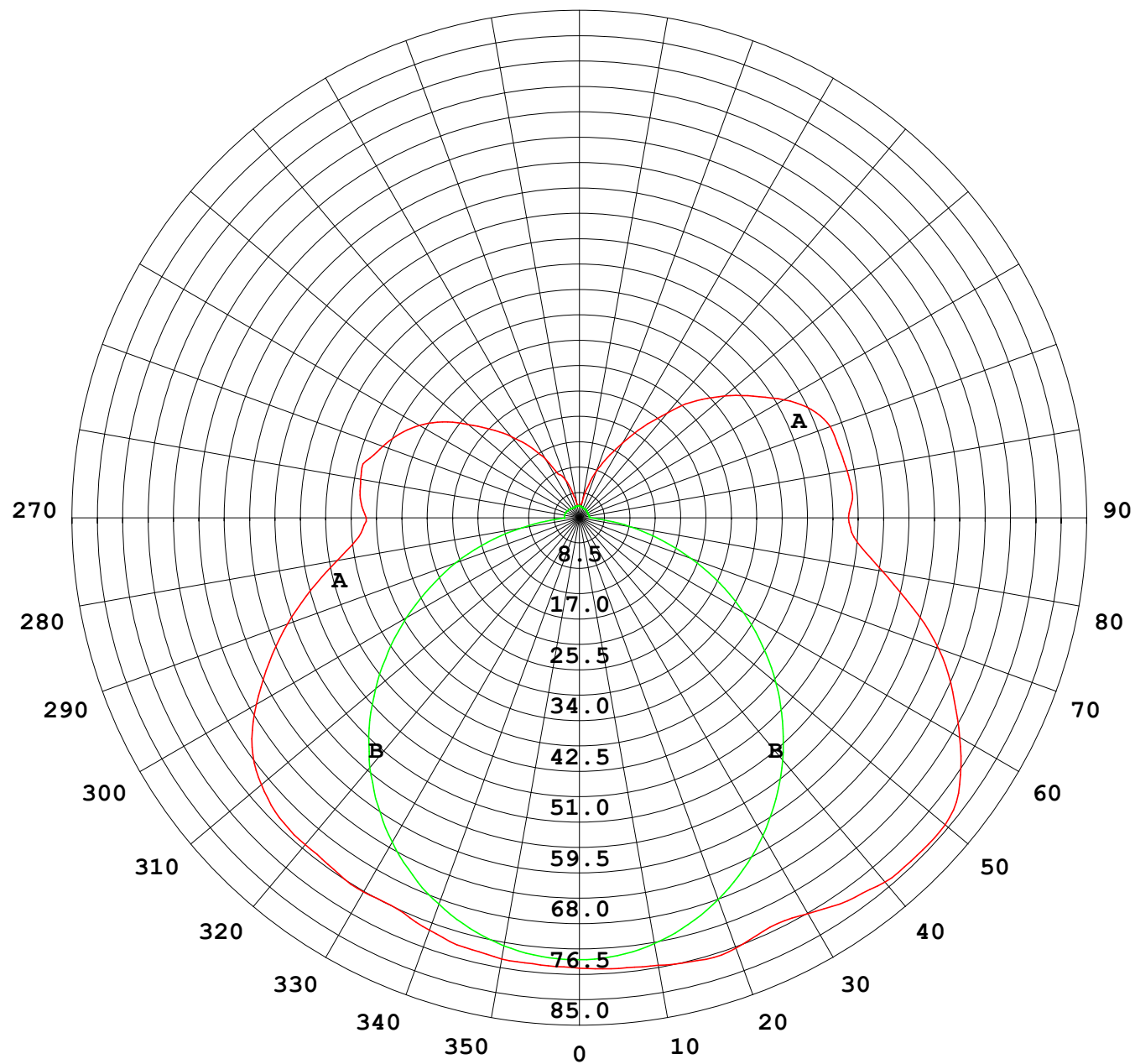
Photometric Data Table [cd]

33.0	62.04	66.98
36.0	59.99	66.26
39.0	57.83	64.95
42.0	55.27	63.91
45.0	52.73	63.06
48.0	50.23	62.15
51.0	47.40	60.89
54.0	44.28	59.27
57.0	41.33	57.21
60.0	38.58	54.98
63.0	35.99	52.51
66.0	33.51	49.65
69.0	30.83	46.72
72.0	27.96	43.45
75.0	24.98	39.72
78.0	22.02	36.32
81.0	19.06	33.25
84.0	16.31	30.78
87.0	14.28	29.09
90.0	13.41	28.32
93.0	13.50	28.77
96.0	12.60	29.47
99.0	11.39	30.10
102.0	10.68	29.83
105.0	10.37	28.75
108.0	10.07	27.41
111.0	10.43	25.92
114.0	10.03	24.49
117.0	10.16	23.66
120.0	9.734	22.56
123.0	8.072	21.20
126.0	7.336	19.62
129.0	6.838	17.85
132.0	6.407	16.88
135.0	5.948	15.16
138.0	5.405	13.18
141.0	4.812	10.71
144.0	4.291	8.533
147.0	3.883	7.550
150.0	3.360	6.642
153.0	2.919	5.822
156.0	2.643	5.038
159.0	2.427	4.189
162.0	2.201	3.375
165.0	2.075	2.766
168.0	2.055	2.393
171.0	2.037	2.192
174.0	2.026	2.101
177.0	2.015	2.046
180.0	2.126	2.116

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

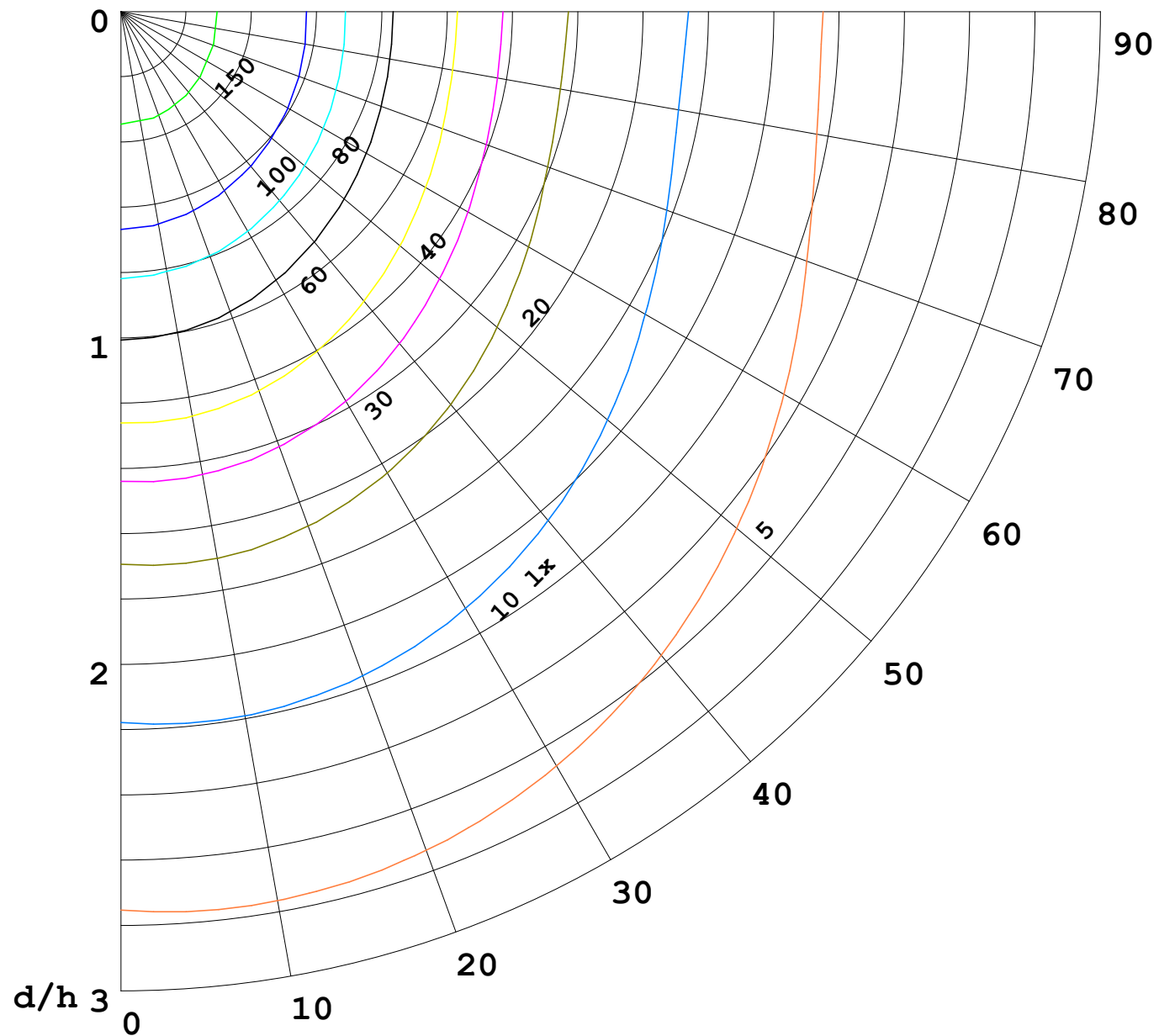
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

