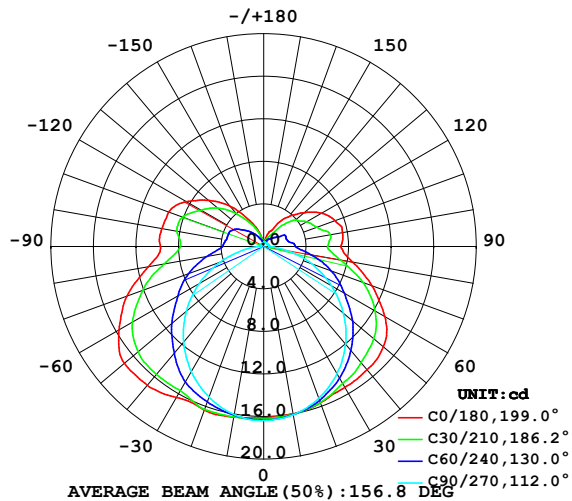


LUMINAIRE PHOTOMETRIC TEST REPORT

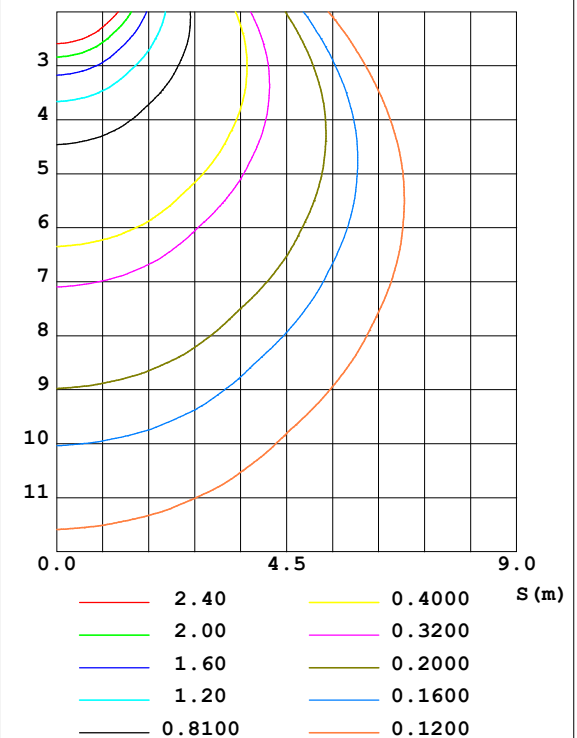
Test:U:24.00V I:0.2348A P:5.635W PF:1.000 Lamp Flux:89.8816x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 15.95 lm/W			
MODEL	5050	I _{max} (cd)	17.13	S/MH (C0/180)	1.46
NOMINAL POWER (W)	5	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	89.875	η UP, DN (C0-180)	12.1, 37.2
NOMINAL FLUX (lm)	89.8816	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	12.9, 37.8
LAMPS INSIDE	1	η up (%)	25.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24.0	η down (%)	75.0	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



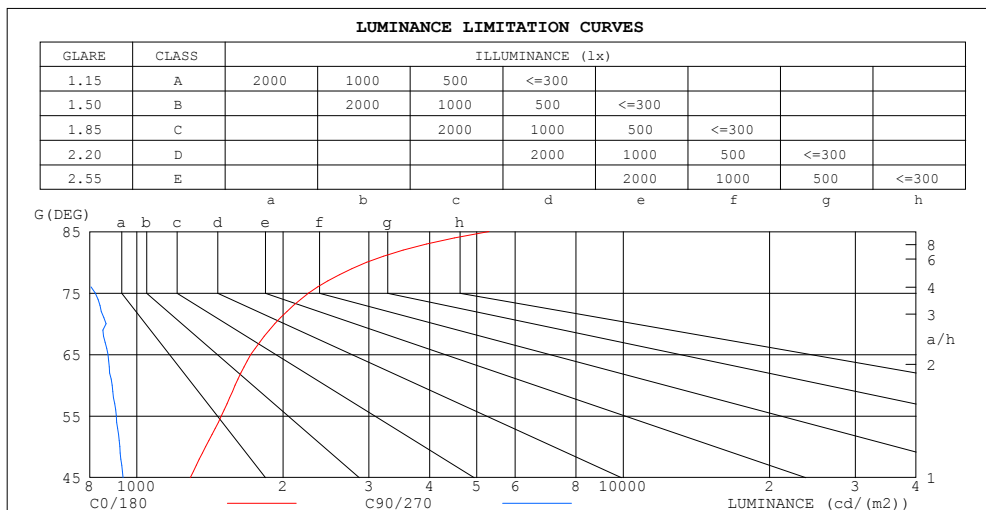
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-04-28

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	15.98	16.04	16.07	16.47	16.28	16.20	16.05	16.19	0- 10	1.551	1.551	1.73,1.73
20	15.64	15.51	15.18	16.22	16.36	15.93	15.07	15.60	10- 20	4.525	6.076	6.76,6.76
30	15.31	14.58	13.79	15.57	16.40	15.20	13.61	14.61	20- 30	7.079	13.15	14.6,14.6
40	15.13	13.51	11.99	14.77	17.04	14.41	11.73	13.48	30- 40	9.099	22.25	24.8,24.8
50	14.69	12.22	9.788	13.71	17.11	13.36	9.491	12.14	40- 50	10.40	32.66	36.3,36.3
60	13.14	10.42	7.345	12.12	15.71	11.79	6.993	10.29	50- 60	10.73	43.39	48.3,48.3
70	10.85	8.373	4.882	10.09	13.69	9.802	4.364	8.249	60- 70	9.904	53.29	59.3,59.3
80	8.506	5.926	2.124	7.687	11.01	7.463	1.887	5.830	70- 80	8.108	61.40	68.3,68.3
90	7.282	4.515	0.5757	6.069	9.715	5.860	0.3420	4.434	80- 90	6.024	67.42	75,75
100	7.534	4.405	0.4924	6.137	9.714	5.948	0.3356	4.328	90-100	5.449	72.87	81.1,81.1
110	7.142	3.789	0.4575	5.939	9.523	5.821	0.3317	3.923	100-110	5.145	78.02	86.8,86.8
120	6.283	3.388	0.4459	5.141	8.436	5.021	0.3317	3.447	110-120	4.419	82.43	91.7,91.7
130	4.947	2.588	0.4321	4.058	6.753	4.001	0.3317	2.581	120-130	3.310	85.74	95.4,95.4
140	3.645	1.730	0.3970	2.957	4.973	2.890	0.3317	1.747	130-140	2.183	87.93	97.8,97.8
150	2.229	0.9523	0.3970	1.854	3.018	1.807	0.3363	1.048	140-150	1.179	89.11	99.1,99.1
160	1.408	0.6105	0.3970	1.098	1.697	1.051	0.3568	0.6360	150-160	0.5349	89.64	99.7,99.7
170	0.4375	0.4246	0.3970	0.5779	0.4721	0.5590	0.3598	0.4272	160-170	0.1925	89.83	100,99.9
180	0.3820	0.3895	0.3970	0.4297	0.3870	0.4146	0.3669	0.3945	170-180	0.0419	89.88	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



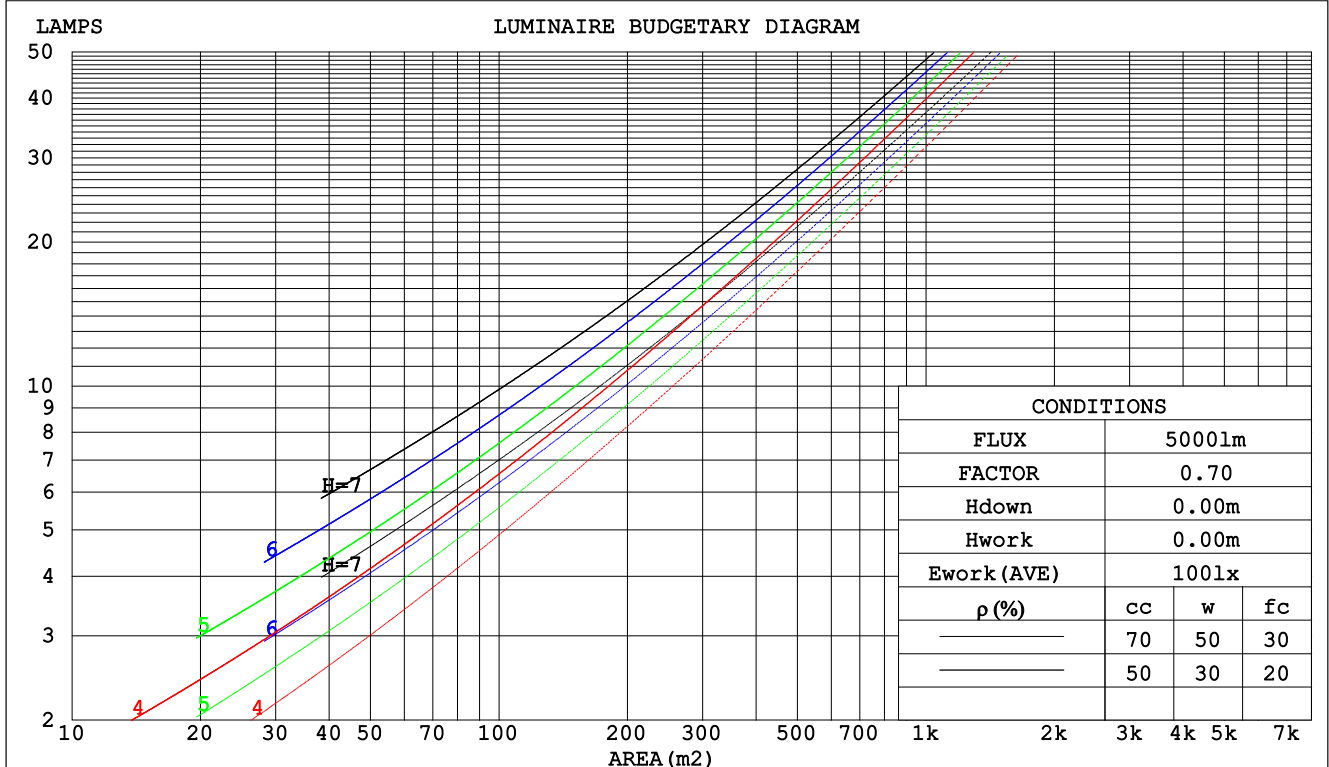
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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:0.2348A P:5.635W PF:1.000 Lamp Flux:89.8816x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-R	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						Coefficients of Utilization(CU)									
0.0	1.13	1.13	1.13	1.08	1.08	1.08	.97	.97	.97	.88	.88	.88	.79	.79	.79	.75
1.0	.94	.89	.84	.90	.85	.81	.81	.77	.74	.72	.70	.67	.65	.63	.61	.57
2.0	.81	.73	.66	.76	.69	.64	.69	.63	.58	.62	.57	.53	.55	.52	.48	.45
3.0	.70	.61	.54	.66	.58	.52	.60	.53	.48	.53	.48	.44	.48	.43	.40	.36
4.0	.61	.52	.45	.58	.50	.43	.52	.45	.40	.47	.41	.36	.42	.37	.33	.30
5.0	.54	.45	.38	.51	.43	.36	.46	.39	.34	.42	.36	.31	.38	.32	.28	.26
6.0	.48	.39	.32	.46	.37	.31	.42	.34	.29	.38	.31	.27	.34	.29	.25	.22
7.0	.43	.34	.28	.41	.33	.27	.38	.30	.25	.34	.28	.23	.31	.26	.22	.19
8.0	.39	.31	.25	.38	.30	.24	.34	.27	.22	.31	.25	.21	.28	.23	.19	.17
9.0	.36	.28	.22	.34	.27	.21	.31	.25	.20	.29	.23	.18	.26	.21	.17	.15
10.0	.33	.25	.20	.32	.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:0.2348A P:5.635W PF:1.000 Lamp Flux:89.8816x1 lm					
NAME: F18-24V-5050-70-SPI3-RGB-R			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	.377	.215	.068	.362	.207	.066	.335	.192	.061	.309	.178	.057	.286	.166	.053		
2.0	.329	.180	.055	.315	.174	.053	.290	.161	.050	.267	.150	.047	.245	.139	.044		
3.0	.293	.156	.047	.281	.150	.045	.258	.140	.042	.237	.130	.040	.217	.120	.037		
4.0	.264	.137	.040	.253	.132	.039	.232	.123	.037	.213	.114	.034	.195	.106	.032		
5.0	.240	.122	.035	.230	.118	.034	.211	.110	.032	.193	.102	.030	.177	.095	.028		
6.0	.220	.110	.032	.211	.107	.031	.194	.099	.029	.177	.092	.027	.162	.085	.025		
7.0	.203	.100	.028	.195	.097	.028	.179	.090	.026	.164	.084	.024	.150	.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	.077	.022	.142	.071	.020	.130	.066	.019		
10.0	.164	.079	.022	.158	.076	.021	.145	.071	.020	.133	.066	.019	.122	.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	.381	.381	.381	.325	.325	.325	.222	.222	.222	.128	.128	.128	.041	.041	.041	
1.0	.377	.347	.321	.322	.298	.276	.221	.205	.191	.127	.119	.111	.041	.038	.036	
2.0	.370	.325	.287	.317	.280	.248	.217	.194	.173	.125	.113	.101	.040	.036	.033	
3.0	.363	.309	.265	.311	.266	.230	.214	.185	.161	.123	.108	.095	.040	.035	.031	
4.0	.356	.296	.251	.305	.256	.218	.210	.178	.154	.121	.105	.091	.039	.034	.030	
5.0	.348	.287	.241	.299	.248	.210	.206	.173	.148	.119	.102	.088	.038	.033	.029	
6.0	.341	.279	.235	.293	.242	.204	.202	.169	.145	.117	.099	.086	.038	.033	.028	
7.0	.334	.272	.229	.287	.236	.200	.198	.166	.142	.115	.098	.084	.037	.032	.028	
8.0	.327	.267	.226	.282	.232	.197	.195	.163	.140	.113	.096	.083	.037	.031	.028	
9.0	.321	.262	.223	.277	.228	.194	.192	.160	.138	.112	.095	.082	.036	.031	.027	
10.0	.315	.258	.220	.272	.224	.192	.189	.158	.137	.110	.093	.081	.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:0.2348A P:5.635W PF:1.000 Lamp Flux:89.8816x1 lm											
NAME: F18-24V-5050-70-SPI3-RGB-R						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	13.1	14.4	13.7	15.0	15.7	10.6	11.9	11.2	12.5	13.2	
	3H	15.6	16.8	16.2	17.4	18.1	12.2	13.4	12.8	14.0	14.8
	4H	16.9	18.0	17.5	18.7	19.4	12.9	14.1	13.6	14.7	15.5
	6H	18.3	19.3	18.9	20.0	20.8	13.4	14.5	14.1	15.2	16.0
	8H	19.1	20.1	19.7	20.8	21.6	13.6	14.6	14.3	15.3	16.1
	12H	20.0	21.0	20.6	21.6	22.4	13.7	14.7	14.4	15.4	16.2
4H	2H	13.6	14.7	14.2	15.3	16.1	11.8	12.9	12.4	13.5	14.3
	3H	16.3	17.3	17.0	18.0	18.8	13.6	14.6	14.3	15.3	16.1
	4H	17.8	18.7	18.5	19.4	20.3	14.5	15.4	15.2	16.1	16.9
	6H	19.4	20.2	20.1	20.9	21.8	15.2	16.0	15.9	16.7	17.6
	8H	20.3	21.1	21.0	21.8	22.7	15.4	16.2	16.1	16.9	17.8
	12H	21.4	22.0	22.1	22.8	23.7	15.6	16.3	16.3	17.0	17.9
8H	4H	18.1	18.8	18.8	19.6	20.5	15.4	16.1	16.1	16.9	17.8
	6H	20.0	20.6	20.7	21.4	22.3	16.4	17.0	17.2	17.8	18.7
	8H	21.1	21.6	21.9	22.4	23.4	16.8	17.4	17.6	18.2	19.1
	12H	22.4	22.9	23.2	23.7	24.6	17.2	17.7	18.0	18.5	19.5
12H	4H	18.1	18.8	18.8	19.5	20.4	15.7	16.4	16.4	17.1	18.0
	6H	20.1	20.6	20.8	21.4	22.4	16.9	17.4	17.6	18.2	19.2
	8H	21.3	21.8	22.1	22.6	23.5	17.4	17.9	18.2	18.7	19.7
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 89.88 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.4)

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:0.2348A P:5.635W PF:1.000 Lamp Flux:89.8816x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-R	TYPE:硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

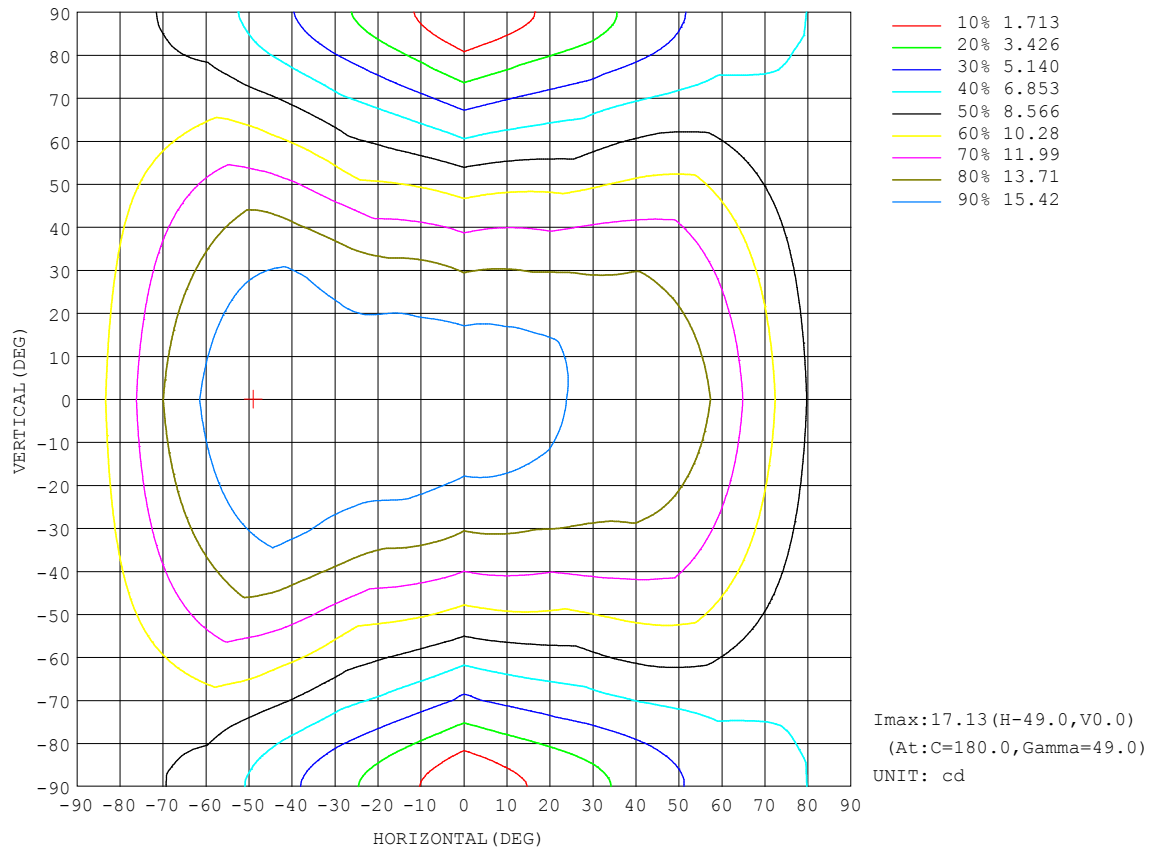
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	33	25	44	32	25	42	31	25	18
0.80	54	41	33	52	40	33	49	39	31	23
1.00	62	49	40	60	48	40	56	48	38	29
1.25	69	56	48	66	55	47	61	52	44	34
1.50	74	62	53	71	60	52	66	56	49	38
2.00	82	71	62	78	68	60	72	63	57	44
2.50	86	76	68	82	73	66	75	68	62	47
3.00	90	81	73	86	78	71	78	72	66	51
4.00	95	87	80	91	83	77	82	77	72	55
5.00	98	91	85	93	87	82	85	80	75	58
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:2022-04-28

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:0.2348A P:5.635W PF:1.000 Lamp Flux:89.8816x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

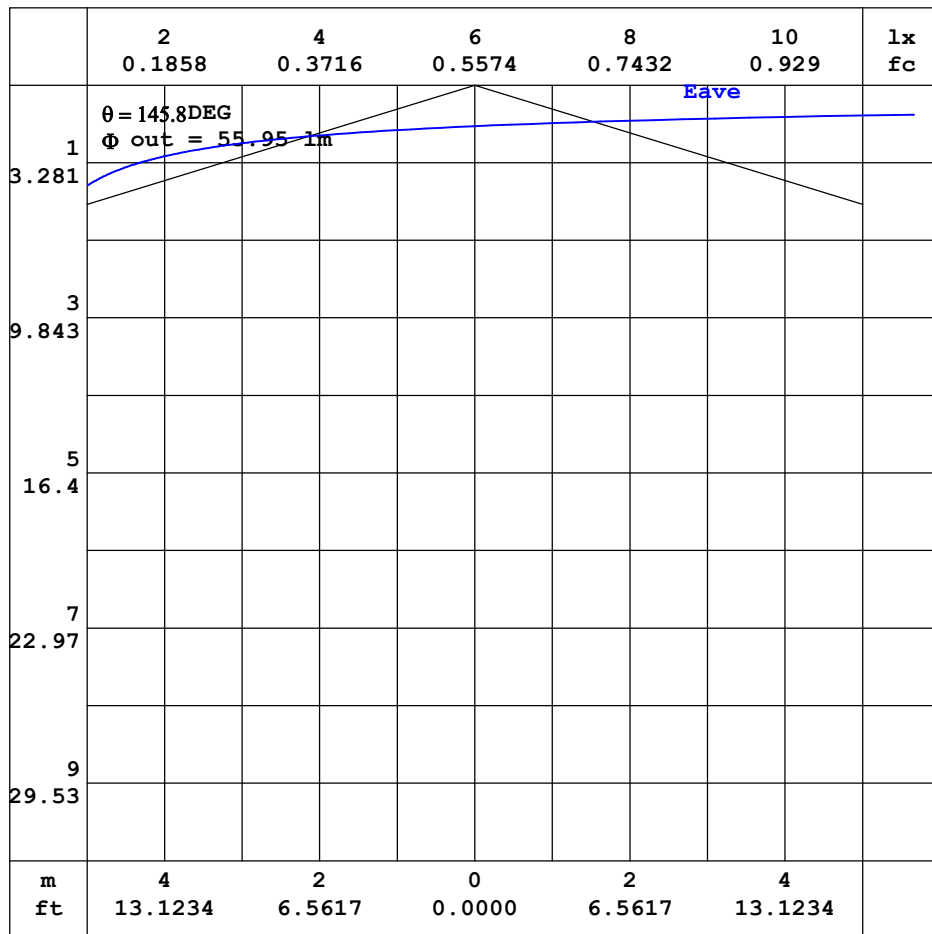


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-28

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:0.2348A P:5.635W PF:1.000 Lamp Flux:89.8816x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



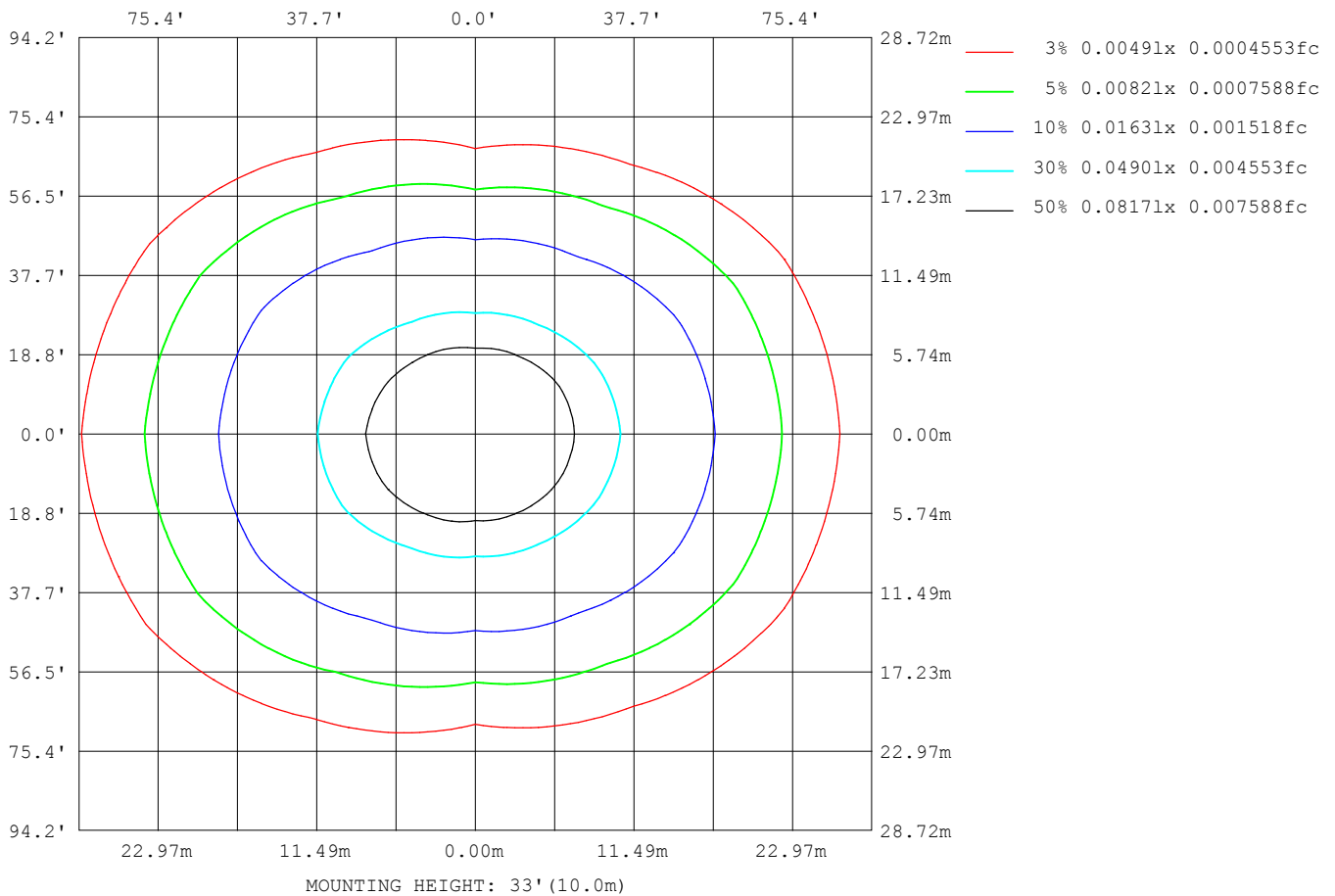
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

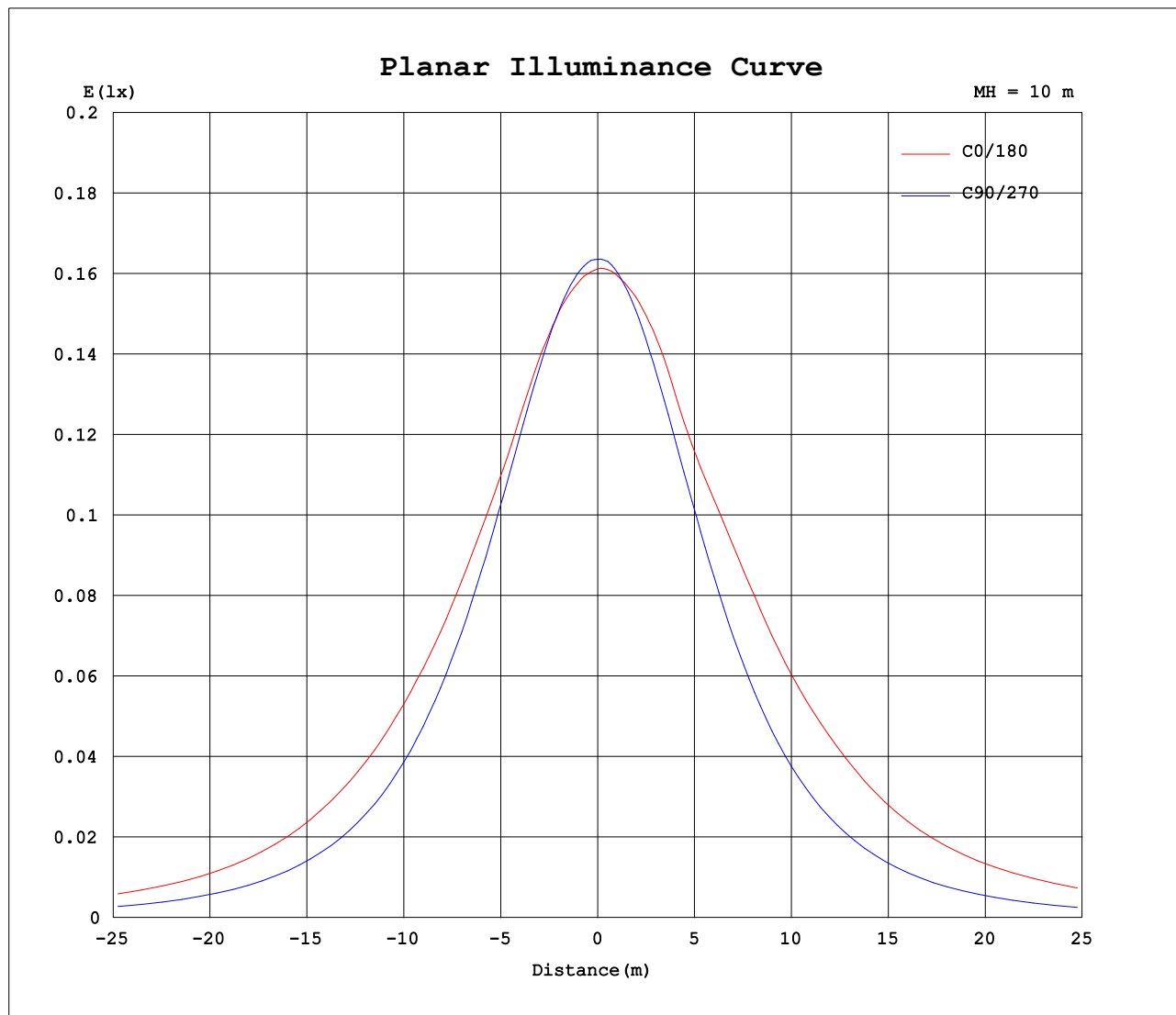
Test:U:24.00V I:0.2348A P:5.635W PF:1.000 Lamp Flux:89.8816x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-R	TYPE:硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:0.2348A P:5.635W PF:1.000 Lamp Flux:89.8816x1 lm		
NAME: F18-24V-5050-70-SPI3-RGB-R	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	16.1	16.2	16.3	16.4	16.4	16.5	16.1	16.2	16.3	16.4	16.4	16.5						
5	16.0	16.1	16.2	16.3	16.4	16.6	16.2	16.3	16.3	16.3	16.3	16.4						
10	16.0	16.0	16.1	16.1	16.3	16.6	16.3	16.3	16.1	16.0	16.1	16.3						
15	15.9	15.8	15.8	15.7	16.1	16.6	16.4	16.3	15.9	15.6	15.8	16.1						
20	15.6	15.6	15.4	15.2	15.8	16.6	16.4	16.3	15.6	15.1	15.4	15.9						
25	15.4	15.3	14.9	14.5	15.5	16.3	16.2	16.0	15.2	14.4	14.8	15.5						
30	15.3	14.9	14.3	13.8	15.1	16.1	16.4	15.7	14.7	13.6	14.2	15.0						
35	15.3	14.7	13.6	12.9	14.3	16.1	16.8	15.7	14.0	12.7	13.4	14.8						
40	15.1	14.3	12.8	12.0	13.5	16.1	17.0	15.7	13.1	11.7	12.6	14.4						
45	15.0	13.9	11.9	10.9	12.6	16.0	17.1	15.7	12.2	10.6	11.6	14.0						
50	14.7	13.5	10.9	9.79	11.7	15.8	17.1	15.4	11.3	9.49	10.7	13.6						
55	14.1	12.9	9.77	8.59	10.6	15.3	16.6	15.0	10.3	8.28	9.53	13.0						
60	13.1	12.1	8.75	7.35	9.65	14.6	15.7	14.3	9.33	6.99	8.47	12.1						
65	12.0	11.1	7.80	6.08	8.78	13.5	14.7	13.2	8.48	5.71	7.51	11.1						
70	10.8	9.97	6.78	4.88	7.81	12.4	13.7	12.1	7.53	4.36	6.52	9.98						
75	9.64	8.56	5.74	3.51	6.74	11.2	12.3	10.9	6.47	3.05	5.41	8.59						
80	8.51	7.33	4.53	2.12	5.63	9.74	11.0	9.50	5.43	1.89	4.29	7.36						
85	7.62	6.41	3.50	1.02	4.60	8.60	9.99	8.40	4.44	0.84	3.27	6.46						
90	7.28	6.03	3.00	0.58	4.09	8.05	9.72	7.85	3.87	0.34	2.83	6.04						
95	7.47	6.21	2.90	0.53	3.94	8.23	9.84	7.94	3.74	0.34	2.81	6.20						
100	7.53	6.37	2.44	0.49	3.79	8.48	9.71	8.29	3.60	0.34	2.32	6.34						
105	7.53	5.84	2.32	0.46	3.70	8.51	9.61	8.31	3.55	0.33	2.16	6.18						
110	7.14	5.32	2.26	0.46	3.67	8.21	9.52	8.12	3.52	0.33	2.21	5.64						
115	6.78	4.99	2.29	0.45	3.63	7.64	9.15	7.51	3.48	0.33	2.15	5.21						
120	6.28	4.65	2.13	0.45	3.36	6.92	8.44	6.84	3.20	0.33	2.04	4.85						
125	5.66	4.17	1.59	0.44	3.01	6.34	7.58	6.27	2.87	0.33	1.54	4.34						
130	4.95	3.84	1.33	0.43	2.43	5.68	6.75	5.61	2.39	0.33	1.37	3.79						
135	4.28	3.21	1.13	0.40	2.12	4.94	5.90	4.88	2.05	0.33	1.20	3.27						
140	3.65	2.48	0.98	0.40	1.78	4.13	4.97	4.06	1.72	0.33	1.00	2.49						
145	3.05	1.56	0.86	0.40	1.51	3.24	3.94	3.19	1.42	0.33	0.83	1.75						
150	2.23	1.18	0.72	0.40	1.19	2.52	3.02	2.51	1.10	0.34	0.68	1.42						
155	1.61	0.94	0.61	0.40	0.94	1.95	2.29	1.95	0.84	0.34	0.52	1.14						
160	1.41	0.69	0.53	0.40	0.75	1.44	1.70	1.43	0.67	0.36	0.44	0.83						
165	0.90	0.51	0.45	0.40	0.61	0.94	1.07	0.96	0.53	0.36	0.39	0.58						
170	0.44	0.42	0.43	0.40	0.52	0.63	0.47	0.66	0.46	0.36	0.39	0.47						
175	0.40	0.39	0.41	0.40	0.50	0.47	0.41	0.51	0.44	0.36	0.38	0.42						
180	0.38	0.38	0.40	0.40	0.43	0.43	0.39	0.42	0.41	0.37	0.38	0.41						

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	16.12	16.20	16.30	16.36	16.41	16.51	16.12	16.20	16.30	16.36
3.0	16.06	16.15	16.30	16.33	16.43	16.56	16.17	16.24	16.29	16.37
6.0	16.01	16.09	16.22	16.26	16.40	16.57	16.20	16.26	16.25	16.27
9.0	15.98	16.04	16.11	16.12	16.37	16.59	16.25	16.27	16.16	16.12
12.0	15.93	15.99	15.95	15.93	16.26	16.61	16.35	16.28	16.02	15.91
15.0	15.86	15.85	15.79	15.70	16.12	16.61	16.40	16.29	15.88	15.63
18.0	15.76	15.75	15.58	15.41	15.94	16.61	16.42	16.30	15.68	15.31
21.0	15.60	15.55	15.28	15.06	15.76	16.58	16.30	16.29	15.48	14.94
24.0	15.41	15.34	14.98	14.68	15.58	16.35	16.17	16.06	15.26	14.53
27.0	15.33	15.10	14.65	14.28	15.36	16.10	16.20	15.83	15.01	14.10
30.0	15.31	14.87	14.28	13.79	15.07	16.06	16.40	15.68	14.73	13.61
33.0	15.28	14.76	13.86	13.31	14.64	16.05	16.66	15.69	14.32	13.08
36.0	15.22	14.61	13.44	12.76	14.16	16.07	16.86	15.70	13.82	12.52
39.0	15.14	14.34	12.94	12.17	13.64	16.08	17.03	15.71	13.29	11.92
42.0	15.10	14.11	12.41	11.59	13.10	16.07	17.06	15.69	12.73	11.30
45.0	15.02	13.90	11.87	10.94	12.57	16.04	17.09	15.65	12.19	10.65
48.0	14.85	13.68	11.33	10.25	12.03	15.91	17.12	15.57	11.67	9.963
51.0	14.61	13.43	10.71	9.557	11.45	15.68	17.07	15.34	11.09	9.260
54.0	14.28	13.07	10.00	8.818	10.81	15.42	16.77	15.06	10.47	8.536
57.0	13.77	12.61	9.345	8.094	10.20	15.06	16.28	14.73	9.863	7.777
60.0	13.14	12.09	8.752	7.345	9.646	14.59	15.71	14.25	9.331	6.993
63.0	12.44	11.52	8.179	6.576	9.129	13.99	15.11	13.64	8.813	6.245
66.0	11.75	10.89	7.616	5.823	8.606	13.32	14.54	12.99	8.306	5.450
69.0	11.08	10.21	6.993	5.034	8.018	12.61	13.93	12.31	7.727	4.641
72.0	10.38	9.411	6.360	4.310	7.391	11.93	13.17	11.67	7.099	3.837
75.0	9.642	8.557	5.736	3.506	6.737	11.18	12.32	10.90	6.466	3.053
78.0	8.948	7.788	5.008	2.681	6.074	10.28	11.51	10.02	5.848	2.359
81.0	8.305	7.115	4.294	1.877	5.400	9.471	10.78	9.284	5.224	1.660
84.0	7.757	6.562	3.671	1.184	4.782	8.793	10.15	8.576	4.621	1.012
87.0	7.459	6.156	3.208	0.6978	4.289	8.287	9.775	8.123	4.130	0.5540
90.0	7.282	6.026	3.005	0.5757	4.086	8.051	9.715	7.846	3.875	0.3420
93.0	7.402	6.122	2.941	0.5507	3.996	8.117	9.845	7.840	3.824	0.3401
96.0	7.498	6.263	2.876	0.5257	3.915	8.283	9.830	8.005	3.724	0.3382
99.0	7.525	6.388	2.519	0.5007	3.825	8.469	9.760	8.231	3.658	0.3362
102.0	7.559	6.297	2.372	0.4757	3.749	8.514	9.669	8.333	3.563	0.3343
105.0	7.534	5.844	2.322	0.4640	3.699	8.513	9.609	8.315	3.547	0.3323
108.0	7.258	5.487	2.267	0.4596	3.680	8.352	9.544	8.273	3.530	0.3317
111.0	7.082	5.231	2.266	0.4565	3.660	8.126	9.468	8.037	3.514	0.3317
114.0	6.861	5.030	2.303	0.4533	3.641	7.784	9.241	7.655	3.498	0.3317
117.0	6.610	4.889	2.276	0.4496	3.544	7.296	8.889	7.228	3.367	0.3317
120.0	6.283	4.648	2.127	0.4459	3.358	6.925	8.436	6.841	3.201	0.3317
123.0	5.912	4.417	1.705	0.4422	3.167	6.588	7.904	6.509	3.025	0.3317
126.0	5.525	4.126	1.538	0.4382	2.916	6.221	7.421	6.142	2.763	0.3317
129.0	5.098	3.934	1.372	0.4336	2.530	5.823	6.918	5.746	2.462	0.3317
132.0	4.681	3.673	1.232	0.4170	2.322	5.392	6.411	5.329	2.256	0.3317
135.0	4.283	3.205	1.131	0.3970	2.122	4.944	5.903	4.881	2.050	0.3317
138.0	3.941	2.788	1.041	0.3970	1.905	4.461	5.350	4.404	1.839	0.3317
141.0	3.539	2.220	0.9453	0.3970	1.725	3.964	4.787	3.867	1.653	0.3317
144.0	3.198	1.673	0.8797	0.3970	1.574	3.436	4.159	3.354	1.482	0.3317
147.0	2.766	1.351	0.8195	0.3970	1.378	2.924	3.551	2.906	1.286	0.3340
150.0	2.229	1.180	0.7240	0.3970	1.187	2.522	3.018	2.514	1.100	0.3363
153.0	1.730	1.025	0.6486	0.3970	1.016	2.155	2.557	2.167	0.9343	0.3387
156.0	1.582	0.9043	0.5883	0.3970	0.8950	1.859	2.165	1.840	0.8138	0.3410
159.0	1.488	0.7533	0.5379	0.3970	0.7894	1.547	1.803	1.539	0.7082	0.3518
162.0	1.223	0.6027	0.4927	0.3970	0.6890	1.220	1.460	1.222	0.6131	0.3574
165.0	0.9009	0.5124	0.4524	0.3970	0.6085	0.9443	1.069	0.9606	0.5276	0.3583
168.0	0.6240	0.4473	0.4374	0.3970	0.5480	0.7483	0.7880	0.7594	0.4673	0.3592
171.0	0.4273	0.4162	0.4222	0.3970	0.5227	0.5925	0.4423	0.6085	0.4553	0.3601
174.0	0.4071	0.3991	0.4071	0.3970	0.5076	0.4923	0.4208	0.5228	0.4472	0.3610
177.0	0.3871	0.3820	0.3971	0.3970	0.4876	0.4623	0.3820	0.5026	0.4421	0.3619
180.0	0.3820	0.3820	0.3970	0.3970	0.4322	0.4272	0.3870	0.4222	0.4071	0.3669
G/C	300.0	330.0								
0.0	16.41	16.51								
3.0	16.36	16.44								
6.0	16.25	16.38								
9.0	16.12	16.32								
12.0	15.96	16.25								
15.0	15.78	16.09								
18.0	15.55	15.96								
21.0	15.24	15.77								
24.0	14.88	15.55								
27.0	14.54	15.26								
30.0	14.17	15.04								

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:

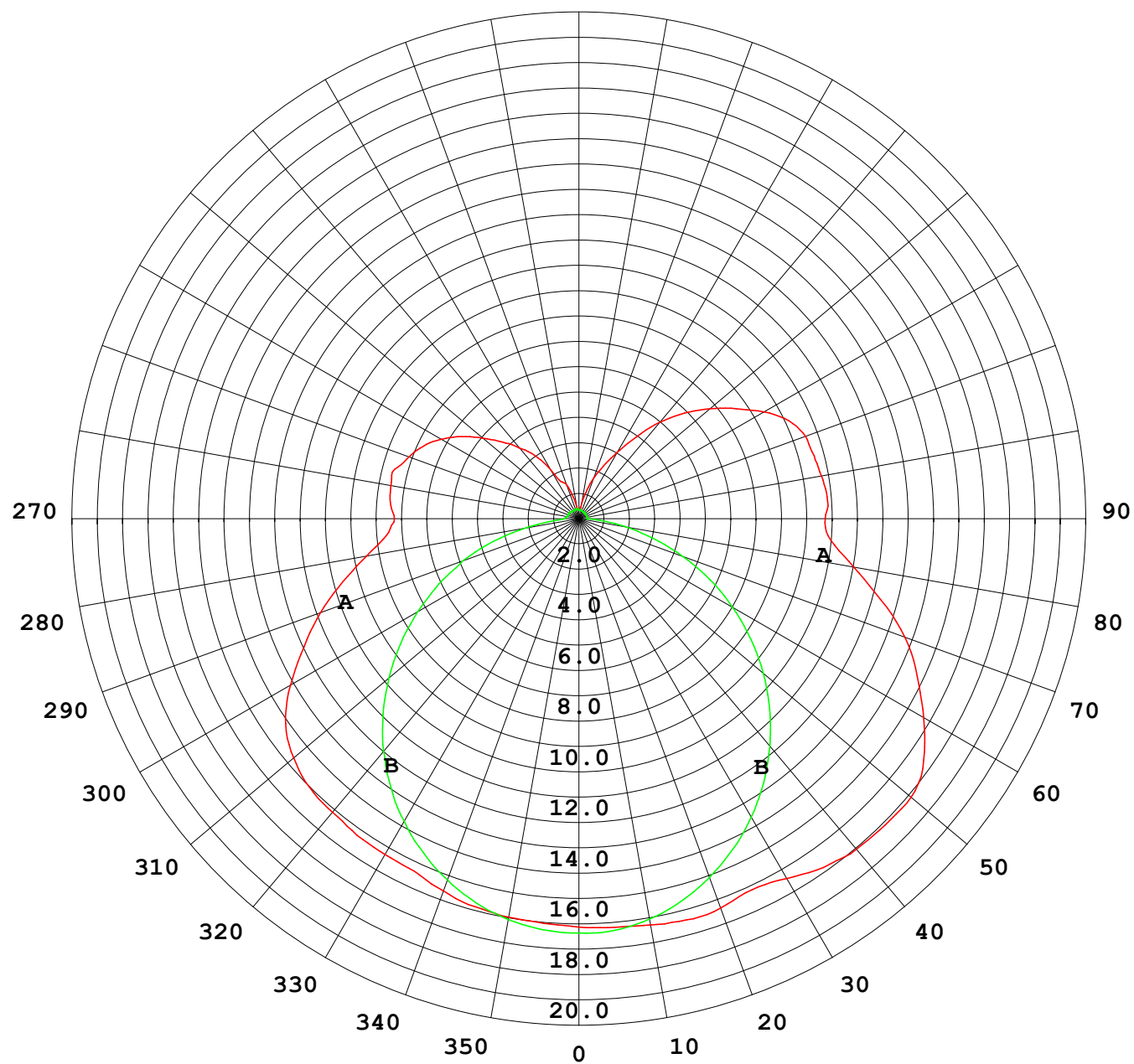
Photometric Data Table [cd]

33.0	13.73	14.94
36.0	13.27	14.76
39.0	12.78	14.46
42.0	12.21	14.22
45.0	11.64	13.99
48.0	11.09	13.78
51.0	10.47	13.48
54.0	9.758	13.11
57.0	9.099	12.64
60.0	8.471	12.12
63.0	7.883	11.56
66.0	7.325	10.90
69.0	6.712	10.22
72.0	6.068	9.451
75.0	5.405	8.592
78.0	4.767	7.817
81.0	4.078	7.153
84.0	3.451	6.610
87.0	2.989	6.223
90.0	2.832	6.036
93.0	2.841	6.086
96.0	2.637	6.242
99.0	2.386	6.348
102.0	2.216	6.322
105.0	2.156	6.177
108.0	2.156	5.906
111.0	2.201	5.564
114.0	2.165	5.268
117.0	2.131	5.047
120.0	2.044	4.851
123.0	1.698	4.559
126.0	1.518	4.188
129.0	1.412	3.846
132.0	1.311	3.655
135.0	1.196	3.268
138.0	1.090	2.836
141.0	0.9794	2.299
144.0	0.8591	1.871
147.0	0.7736	1.609
150.0	0.6778	1.418
153.0	0.5626	1.247
156.0	0.5173	1.086
159.0	0.4472	0.9002
162.0	0.4069	0.7142
165.0	0.3905	0.5784
168.0	0.3884	0.5028
171.0	0.3862	0.4574
174.0	0.3841	0.4273
177.0	0.3820	0.4121
180.0	0.3820	0.4071

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

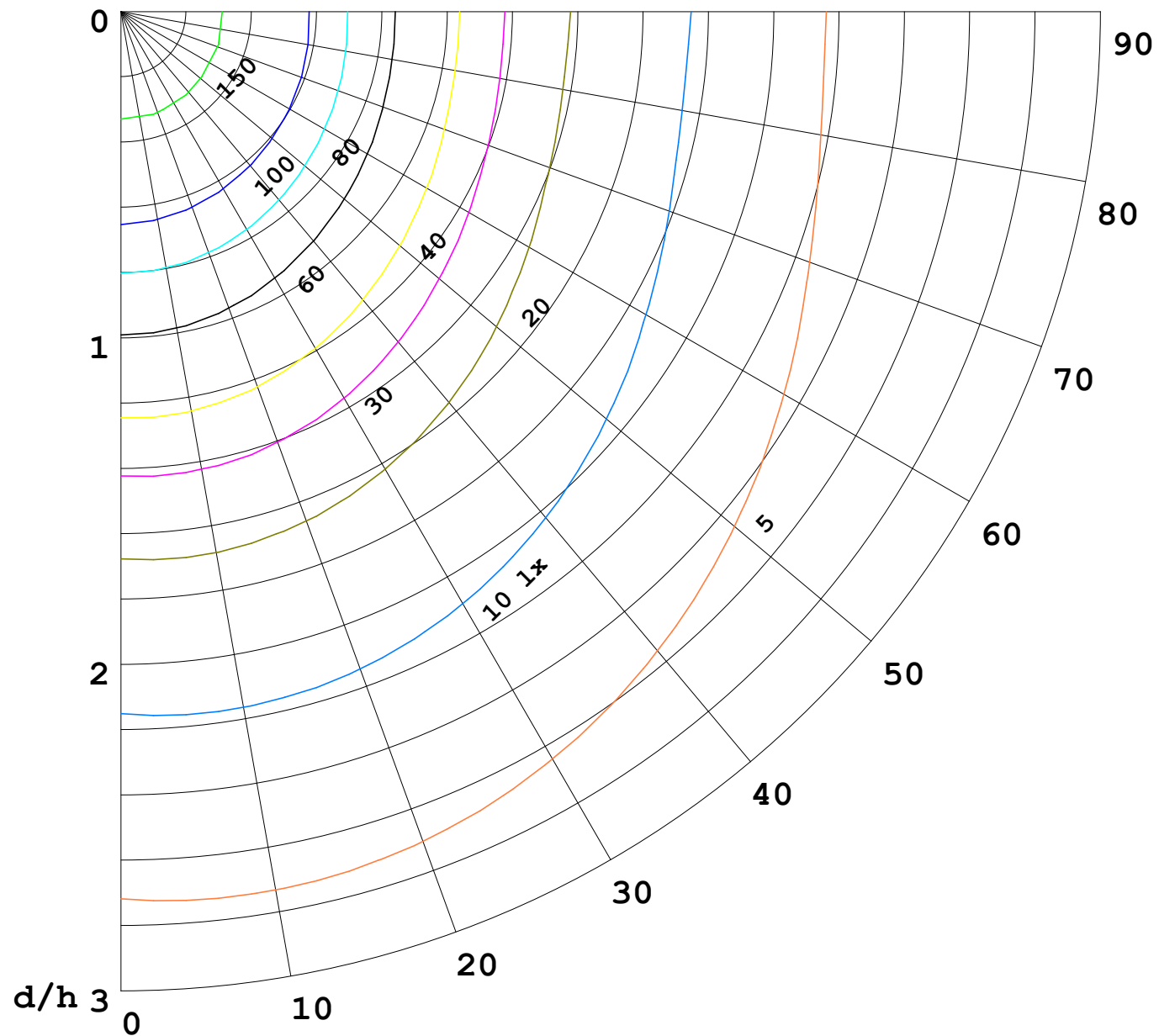
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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

