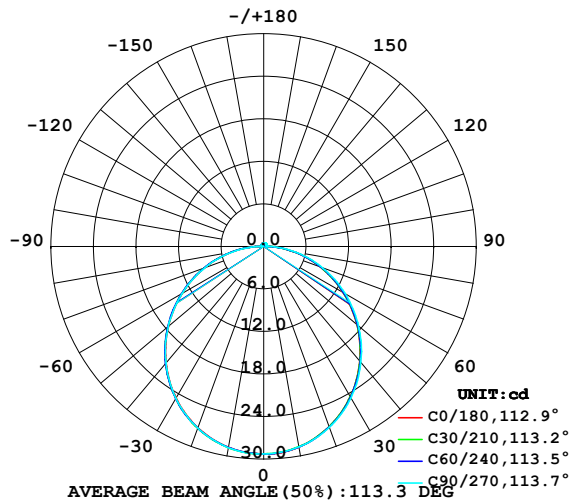


LUMINAIRE PHOTOMETRIC TEST REPORT

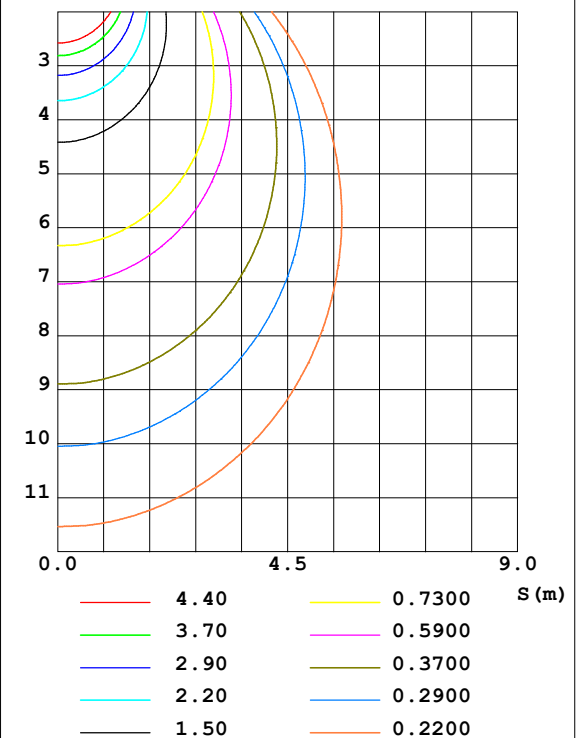
Test:U:24.00V I:0.4227A P:10.15W PF:1.000 Lamp Flux:88.8017x1 lm		
NAME: SF10-24V-2835-144-Blue	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 8.75 lm/W
MODEL		I _{max} (cd)	29.29	S/MH (C0/180)	1.24	
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.25	
RATED VOLTAGE (V)		TOTAL FLUX (lm)	88.802	η UP, DN (C0-180)	1.5, 48.4	
NOMINAL FLUX (lm)	88.8017	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 48.8	
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)		η down (%)	97.2	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



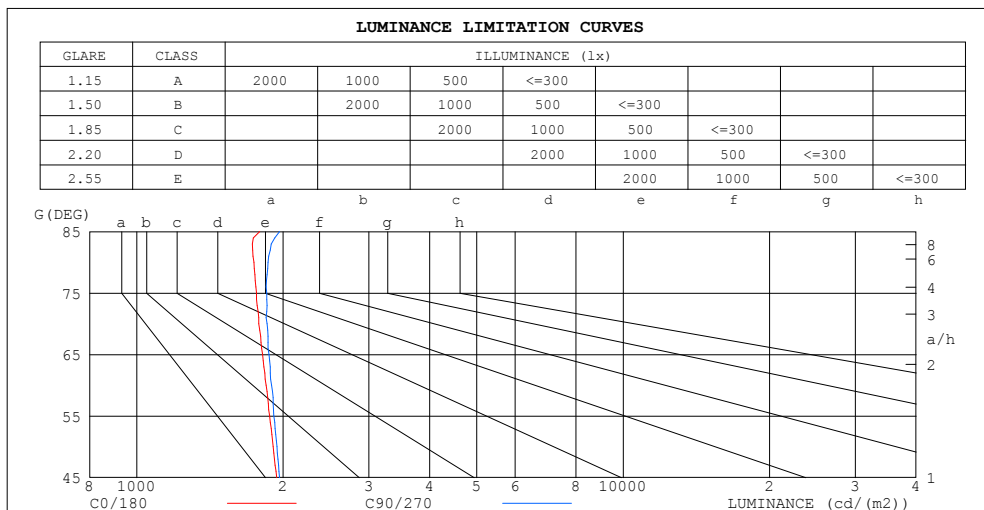
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [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	28.72	28.69	28.71	28.80	28.76	28.80	28.81	28.75	0- 10	2.770	2.770	3.12,3.12
20	27.04	27.07	27.14	27.24	27.20	27.27	27.24	27.13	10- 20	7.926	10.70	12,12
30	24.47	24.49	24.65	24.75	24.71	24.80	24.74	24.59	20- 30	11.99	22.69	25.5,25.5
40	21.10	21.16	21.33	21.46	21.42	21.52	21.46	21.25	30- 40	14.44	37.13	41.8,41.8
50	17.17	17.24	17.47	17.57	17.53	17.67	17.57	17.34	40- 50	15.01	52.14	58.7,58.7
60	12.91	12.98	13.26	13.31	13.30	13.41	13.32	13.07	50- 60	13.72	65.86	74.2,74.2
70	8.531	8.584	8.868	8.900	8.922	9.017	8.864	8.662	60- 70	10.88	76.75	86.4,86.4
80	4.234	4.251	4.523	4.543	4.571	4.608	4.422	4.296	70- 80	6.977	83.72	94.3,94.3
90	0.9065	0.6739	0.4551	0.8135	0.9686	0.8009	0.3298	0.6341	80- 90	2.597	86.32	97.2,97.2
100	0.3156	0.3278	0.4491	0.3399	0.2307	0.3156	0.3338	0.2852	90-100	0.4136	86.74	97.7,97.7
110	0.3216	0.3550	0.4248	0.3611	0.2793	0.3308	0.3338	0.3035	100-110	0.3509	87.09	98.1,98.1
120	0.3519	0.3763	0.4187	0.3915	0.3278	0.3430	0.3641	0.3519	110-120	0.3479	87.43	98.5,98.5
130	0.4125	0.3975	0.4309	0.4461	0.3763	0.3641	0.4188	0.3793	120-130	0.3440	87.78	98.8,98.8
140	0.4248	0.4400	0.4673	0.4672	0.4067	0.4065	0.4248	0.4188	130-140	0.3229	88.10	99.2,99.2
150	0.4550	0.4642	0.5280	0.4976	0.4674	0.4430	0.4369	0.4673	140-150	0.2830	88.38	99.5,99.5
160	0.4914	0.5067	0.5280	0.5128	0.5098	0.4856	0.4612	0.4855	150-160	0.2239	88.61	99.8,99.8
170	0.5158	0.5249	0.5280	0.5219	0.5098	0.5219	0.5097	0.5098	160-170	0.1440	88.75	99.9,99.9
180	0.5158	0.5249	0.5280	0.5219	0.5098	0.5219	0.5219	0.5219	170-180	0.0497	88.80	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1789	1966
80	1742	1861
75	1762	1850
70	1782	1852
65	1815	1871
60	1845	1894
55	1877	1914
50	1908	1941
45	1939	1966

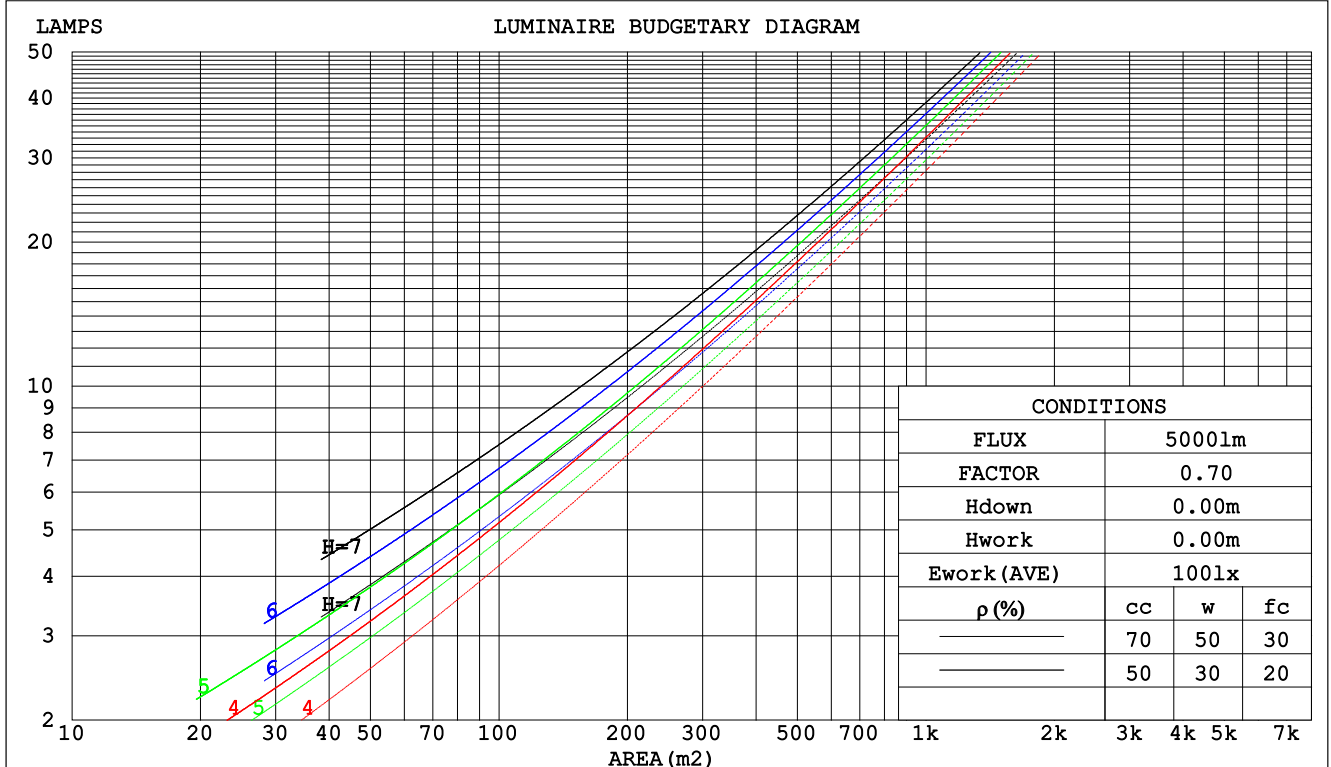
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4227A P:10.15W PF:1.000 Lamp Flux:88.8017x1 lm		
NAME: SF10-24V-2835-144-Blue	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	1.10	1.10	1.10	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.02	.98	.94	.90	.96	.92	.95	.92	.89	.91	.88	.85	.87	.84	.82	.80
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.72	.79	.74	.70	.75	.72	.68	.66
3.0	.78	.69	.63	.76	.68	.62	.73	.66	.60	.69	.64	.59	.66	.62	.58	.55
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.62	.55	.50	.59	.54	.49	.47
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.55	.49	.43	.53	.47	.43	.41
6.0	.55	.46	.40	.54	.45	.39	.52	.44	.39	.50	.43	.38	.48	.42	.38	.35
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.30	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.4227A P:10.15W PF:1.000 Lamp Flux:88.8017x1 lm					
NAME: SF10-24V-2835-144-Blue			TYPE:		WEIGHT:
DIM.: Length=1m			SPEC.:		SERIAL No.:
MFR.:			SUR.:		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	.326	.185	.059	.318	.181	.058	.303	.174	.055	.289	.167	.053	.276	.160	.052	
2.0	.301	.165	.051	.294	.162	.050	.281	.156	.048	.268	.151	.047	.257	.145	.046	
3.0	.276	.147	.044	.270	.144	.043	.258	.140	.042	.247	.135	.042	.237	.131	.041	
4.0	.253	.132	.039	.248	.130	.038	.237	.126	.038	.227	.122	.037	.218	.119	.036	
5.0	.233	.119	.034	.228	.117	.034	.219	.114	.034	.210	.111	.033	.202	.108	.032	
6.0	.216	.108	.031	.211	.107	.031	.203	.104	.030	.195	.101	.030	.188	.099	.029	
7.0	.200	.099	.028	.196	.098	.028	.189	.095	.027	.182	.093	.027	.175	.091	.027	
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025	
9.0	.175	.085	.024	.172	.084	.023	.165	.082	.023	.160	.080	.023	.154	.078	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.021	.150	.075	.021	.145	.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	.212	.212	.212	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.203	.177	.155	.174	.152	.133	.119	.105	.092	.068	.061	.053	.022	.020	.017	
2.0	.195	.153	.118	.167	.132	.102	.114	.091	.071	.066	.053	.042	.021	.017	.014	
3.0	.187	.136	.095	.161	.117	.083	.110	.082	.058	.064	.048	.034	.020	.015	.011	
4.0	.180	.123	.080	.154	.106	.069	.106	.074	.049	.061	.043	.029	.020	.014	.009	
5.0	.172	.113	.069	.148	.097	.060	.102	.068	.042	.059	.040	.025	.019	.013	.008	
6.0	.165	.104	.061	.142	.090	.053	.098	.063	.037	.057	.037	.022	.018	.012	.007	
7.0	.158	.097	.055	.136	.084	.048	.094	.059	.034	.055	.035	.020	.018	.011	.007	
8.0	.151	.092	.051	.130	.080	.044	.090	.056	.031	.052	.033	.019	.017	.011	.006	
9.0	.145	.087	.047	.125	.075	.041	.087	.053	.029	.051	.031	.017	.016	.010	.006	
10.0	.140	.082	.044	.120	.072	.039	.083	.050	.028	.049	.030	.016	.016	.010	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYH
 Test Date:2024-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.4227A P:10.15W PF:1.000 Lamp Flux:88.8017x1 lm											
NAME: SF10-24V-2835-144-Blue					TYPE:			WEIGHT:			
DIM.: Length=1m					SPEC.:			SERIAL No.:			
MFR.:					SUR.:			PROTECTION ANGLE:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise				Viewed endwise					
x = 2H y = 2H		14.8	16.3	15.1	16.6	16.8	14.9	16.4	15.2	16.7	16.9
	3H	16.5	17.9	16.8	18.2	18.4	16.6	18.0	16.9	18.3	18.6
	4H	17.2	18.5	17.6	18.8	19.1	17.4	18.7	17.7	19.0	19.3
	6H	17.8	19.0	18.2	19.4	19.7	18.0	19.2	18.4	19.6	19.9
	8H	18.0	19.2	18.4	19.6	19.9	18.2	19.4	18.6	19.8	20.1
	12H	18.2	19.3	18.6	19.7	20.1	18.4	19.6	18.8	19.9	20.3
4H	2H	15.5	16.8	15.8	17.1	17.4	15.5	16.8	15.9	17.2	17.5
	3H	17.3	18.5	17.7	18.8	19.2	17.4	18.6	17.8	18.9	19.3
	4H	18.2	19.2	18.6	19.6	20.0	18.3	19.4	18.7	19.7	20.1
	6H	18.9	19.9	19.4	20.3	20.7	19.1	20.0	19.5	20.4	20.9
	8H	19.2	20.1	19.7	20.5	21.0	19.4	20.3	19.9	20.7	21.1
	12H	19.4	20.3	19.9	20.7	21.2	19.7	20.5	20.1	20.9	21.4
8H	4H	18.5	19.4	19.0	19.8	20.3	18.6	19.5	19.1	19.9	20.4
	6H	19.4	20.2	19.9	20.6	21.1	19.6	20.3	20.1	20.8	21.2
	8H	19.8	20.5	20.3	21.0	21.5	20.0	20.6	20.5	21.1	21.6
	12H	20.2	20.7	20.7	21.2	21.8	20.4	20.9	20.9	21.4	22.0
12H	4H	18.5	19.4	19.0	19.8	20.3	18.6	19.5	19.1	19.9	20.4
	6H	19.5	20.2	20.0	20.7	21.2	19.7	20.3	20.2	20.8	21.3
	8H	20.0	20.5	20.5	21.0	21.6	20.1	20.7	20.6	21.2	21.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 88.80 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: LYH
 Test Date: 2024-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.4227A P:10.15W PF:1.000 Lamp Flux:88.8017x1 lm		
NAME: SF10-24V-2835-144-Blue	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

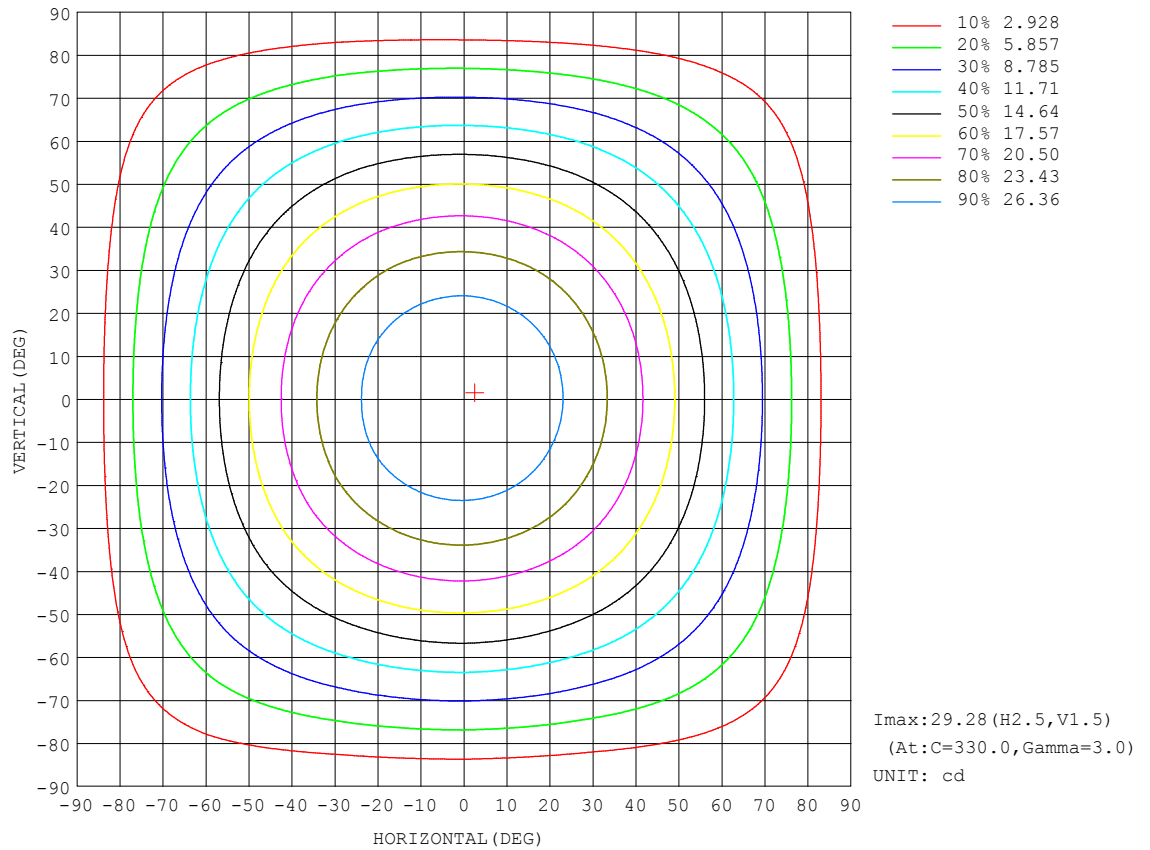
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	46	65	53	46	63	52	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	79	69	62	76	68	61	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	84	77	91	83	76	87	80	75	66
2.50	97	89	83	95	87	81	91	84	79	70
3.00	101	93	87	98	91	86	94	88	84	74
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	104	100	96	99	96	92	82
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: LYH
 Test Date: 2024-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.4227A P:10.15W PF:1.000 Lamp Flux:88.8017x1 lm		
NAME: SF10-24V-2835-144-Blue	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

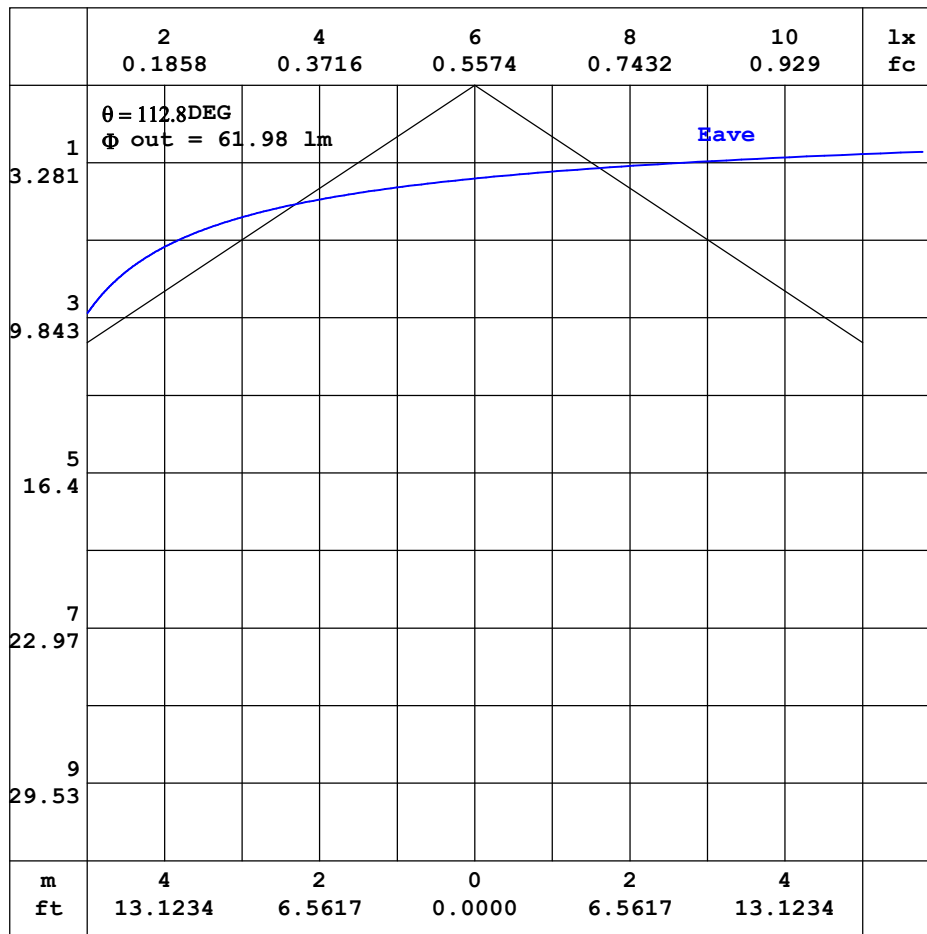


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

AAI CURVES

Test:U:24.00V I:0.4227A P:10.15W PF:1.000 Lamp Flux:88.8017x1 lm		
NAME: SF10-24V-2835-144-Blue	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



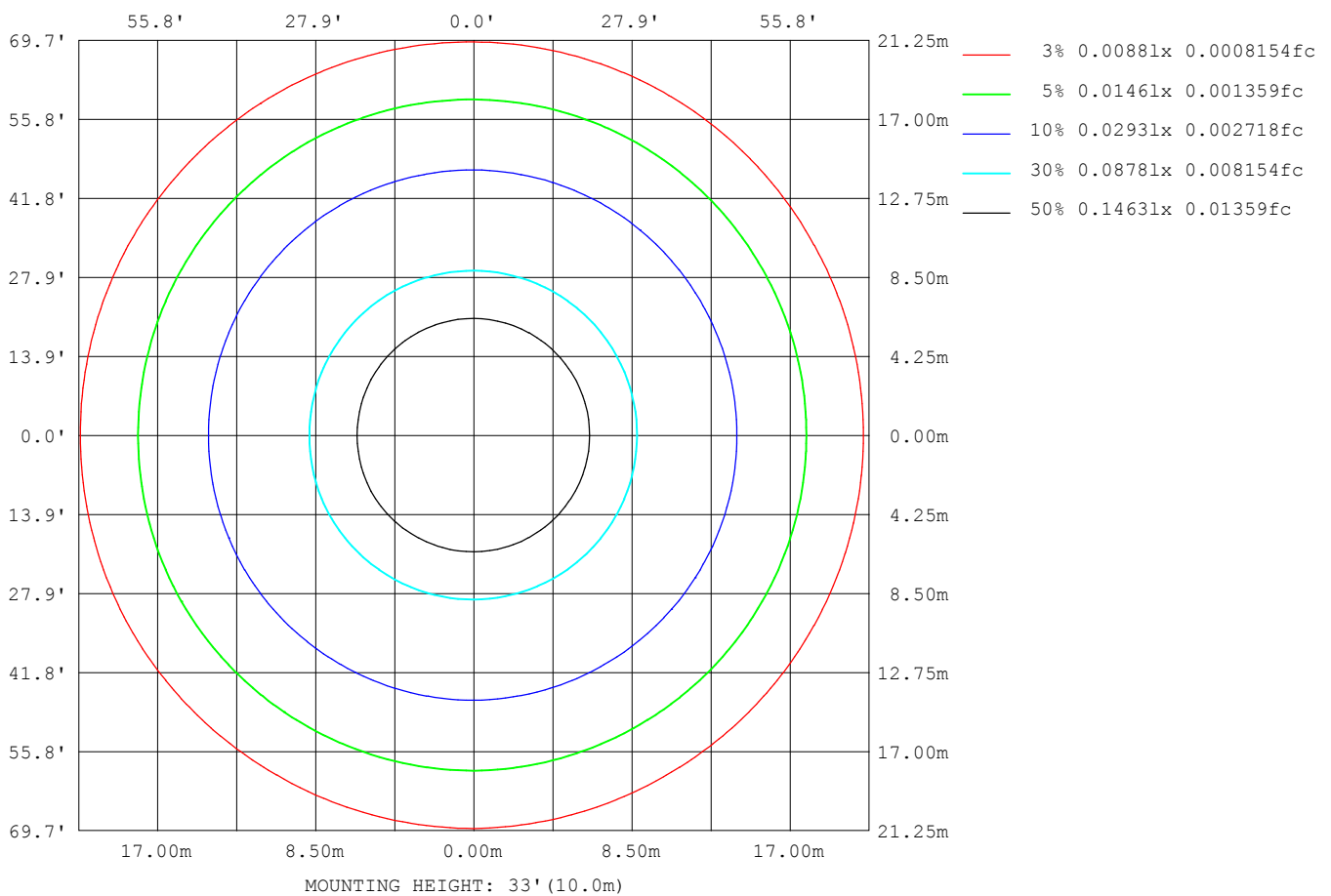
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

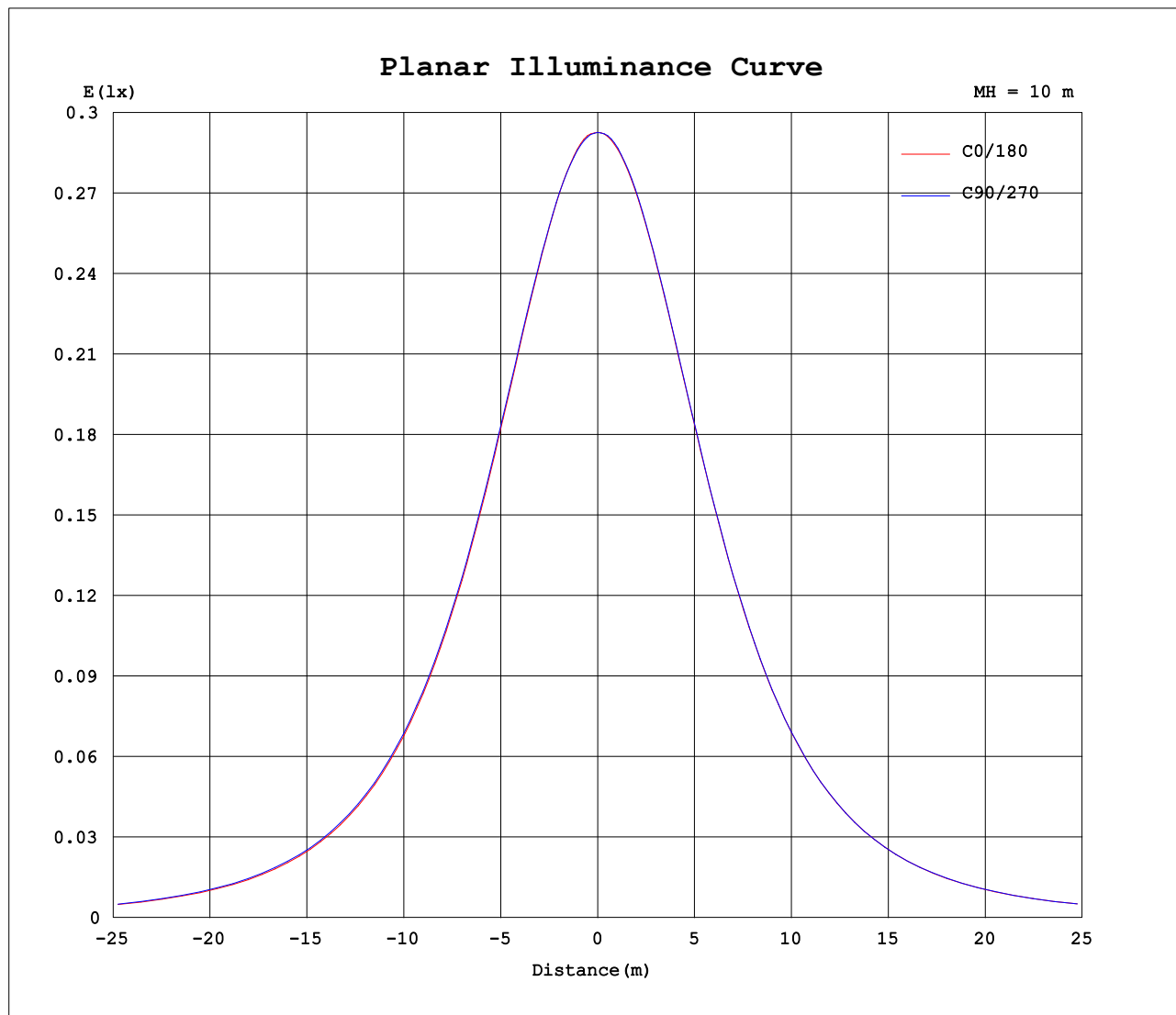
Test:U:24.00V I:0.4227A P:10.15W PF:1.000 Lamp Flux:88.8017x1 lm		
NAME: SF10-24V-2835-144-Blue	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4227A P:10.15W PF:1.000 Lamp Flux:88.8017x1 lm																	
NAME: SF10-24V-2835-144-Blue									TYPE:			WEIGHT:					
DIM.: Length=1m									SPEC.:			SERIAL No.:					
MFR.:									SUR.:			PROTECTION ANGLE:					

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	29.3	29.2	29.3	29.3	29.3	29.3	29.3	29.2	29.3	29.3	29.3	29.3						
5	29.2	29.1	29.1	29.1	29.2	29.2	29.1	29.2	29.1	29.2	29.1	29.2						
10	28.7	28.7	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.7	28.8						
15	28.0	28.0	28.0	28.1	28.1	28.2	28.1	28.2	28.1	28.2	28.1	28.1						
20	27.0	27.0	27.1	27.1	27.2	27.3	27.2	27.3	27.3	27.2	27.2	27.1						
25	25.9	25.9	25.9	26.0	26.0	26.1	26.1	26.1	26.2	26.1	26.0	25.9						
30	24.5	24.4	24.5	24.6	24.7	24.8	24.7	24.8	24.8	24.7	24.7	24.5						
35	22.9	22.9	23.0	23.1	23.1	23.3	23.2	23.2	23.3	23.2	23.1	22.9						
40	21.1	21.1	21.2	21.3	21.4	21.5	21.4	21.5	21.6	21.5	21.3	21.2						
45	19.2	19.2	19.3	19.5	19.5	19.6	19.5	19.7	19.7	19.6	19.5	19.3						
50	17.2	17.2	17.3	17.5	17.5	17.6	17.5	17.7	17.7	17.6	17.4	17.2						
55	15.1	15.1	15.2	15.4	15.4	15.5	15.4	15.6	15.6	15.5	15.3	15.1						
60	12.9	12.9	13.0	13.3	13.2	13.4	13.3	13.4	13.4	13.3	13.2	13.0						
65	10.7	10.8	10.8	11.1	11.0	11.2	11.1	11.2	11.2	11.1	11.0	10.8						
70	8.53	8.55	8.62	8.87	8.83	8.97	8.92	9.01	9.02	8.86	8.76	8.57						
75	6.38	6.42	6.43	6.70	6.64	6.79	6.74	6.80	6.81	6.66	6.56	6.39						
80	4.23	4.23	4.27	4.52	4.47	4.62	4.57	4.60	4.61	4.42	4.37	4.22						
85	2.18	2.14	2.11	2.40	2.31	2.48	2.43	2.46	2.43	2.23	2.18	2.10						
90	0.91	0.79	0.55	0.46	0.65	0.98	0.97	0.95	0.65	0.33	0.52	0.75						
95	0.32	0.32	0.32	0.45	0.33	0.33	0.22	0.28	0.33	0.33	0.30	0.25						
100	0.32	0.33	0.32	0.45	0.33	0.35	0.23	0.28	0.35	0.33	0.33	0.24						
105	0.32	0.36	0.33	0.45	0.33	0.37	0.25	0.28	0.38	0.33	0.35	0.24						
110	0.32	0.38	0.33	0.42	0.33	0.39	0.28	0.28	0.38	0.33	0.36	0.24						
115	0.33	0.39	0.33	0.42	0.34	0.41	0.30	0.28	0.39	0.35	0.38	0.26						
120	0.35	0.42	0.33	0.42	0.36	0.42	0.33	0.28	0.41	0.36	0.40	0.30						
125	0.36	0.43	0.35	0.42	0.40	0.46	0.35	0.28	0.43	0.39	0.41	0.32						
130	0.41	0.43	0.36	0.43	0.42	0.47	0.38	0.29	0.44	0.42	0.43	0.33						
135	0.42	0.44	0.39	0.45	0.42	0.49	0.38	0.32	0.45	0.42	0.45	0.35						
140	0.42	0.46	0.42	0.47	0.44	0.50	0.41	0.35	0.46	0.42	0.47	0.37						
145	0.43	0.49	0.42	0.49	0.45	0.50	0.43	0.41	0.46	0.42	0.48	0.43						
150	0.46	0.49	0.44	0.53	0.47	0.53	0.47	0.42	0.47	0.44	0.50	0.44						
155	0.47	0.50	0.47	0.53	0.49	0.53	0.50	0.44	0.49	0.46	0.52	0.44						
160	0.49	0.52	0.50	0.53	0.50	0.53	0.51	0.46	0.52	0.46	0.52	0.45						
165	0.52	0.53	0.51	0.53	0.52	0.52	0.51	0.47	0.53	0.48	0.52	0.47						
170	0.52	0.53	0.52	0.53	0.52	0.52	0.51	0.52	0.53	0.51	0.52	0.50						
175	0.52	0.53	0.52	0.53	0.52	0.52	0.51	0.52	0.53	0.52	0.52	0.52						
180	0.52	0.53	0.52	0.53	0.52	0.52	0.51	0.52	0.53	0.52	0.52	0.52						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [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	29.26	29.24	29.25	29.26	29.27	29.28	29.26	29.24	29.25	29.26
3.0	29.26	29.18	29.25	29.21	29.26	29.24	29.23	29.25	29.21	29.26
6.0	29.10	29.03	29.09	29.06	29.14	29.12	29.09	29.14	29.10	29.15
9.0	28.83	28.76	28.83	28.81	28.90	28.90	28.86	28.92	28.86	28.91
12.0	28.46	28.43	28.48	28.48	28.56	28.56	28.53	28.59	28.55	28.58
15.0	28.00	27.99	28.03	28.05	28.14	28.17	28.11	28.17	28.14	28.16
18.0	27.44	27.44	27.49	27.53	27.59	27.65	27.59	27.67	27.65	27.64
21.0	26.84	26.81	26.87	26.93	27.01	27.07	26.99	27.07	27.06	27.03
24.0	26.11	26.11	26.18	26.25	26.31	26.40	26.31	26.39	26.40	26.36
27.0	25.33	25.32	25.40	25.47	25.53	25.63	25.55	25.66	25.64	25.61
30.0	24.47	24.45	24.54	24.65	24.70	24.79	24.71	24.79	24.82	24.74
33.0	23.53	23.53	23.60	23.71	23.77	23.88	23.80	23.89	23.91	23.85
36.0	22.53	22.55	22.62	22.74	22.80	22.93	22.83	22.91	22.94	22.86
39.0	21.46	21.47	21.56	21.70	21.76	21.86	21.78	21.87	21.91	21.81
42.0	20.36	20.41	20.46	20.59	20.66	20.79	20.68	20.78	20.82	20.73
45.0	19.19	19.22	19.30	19.46	19.52	19.63	19.54	19.66	19.69	19.59
48.0	17.99	18.02	18.09	18.28	18.33	18.44	18.35	18.46	18.50	18.37
51.0	16.76	16.80	16.88	17.07	17.09	17.24	17.13	17.23	17.28	17.18
54.0	15.49	15.51	15.60	15.81	15.83	15.93	15.87	16.00	16.02	15.87
57.0	14.22	14.26	14.33	14.54	14.53	14.68	14.59	14.67	14.73	14.59
60.0	12.91	12.94	13.02	13.26	13.25	13.37	13.30	13.38	13.44	13.32
63.0	11.60	11.61	11.71	11.95	11.93	12.04	11.99	12.06	12.11	11.98
66.0	10.29	10.32	10.39	10.60	10.61	10.73	10.68	10.73	10.79	10.65
69.0	8.974	8.984	9.059	9.324	9.272	9.403	9.353	9.428	9.456	9.319
72.0	7.682	7.691	7.749	8.007	7.961	8.128	8.048	8.094	8.133	8.039
75.0	6.383	6.418	6.432	6.702	6.644	6.793	6.738	6.801	6.811	6.655
78.0	5.090	5.131	5.121	5.392	5.327	5.495	5.433	5.508	5.493	5.320
81.0	3.797	3.783	3.834	4.093	4.034	4.165	4.140	4.184	4.188	4.008
84.0	2.542	2.557	2.542	2.812	2.736	2.915	2.869	2.871	2.871	2.693
87.0	1.605	1.473	1.309	1.532	1.479	1.746	1.769	1.763	1.586	1.369
90.0	0.9065	0.7934	0.5544	0.4551	0.6517	0.9753	0.9686	0.9486	0.6533	0.3298
93.0	0.4382	0.3216	0.3216	0.4491	0.3401	0.4120	0.4050	0.4260	0.3218	0.3277
96.0	0.3156	0.3277	0.3216	0.4491	0.3338	0.3338	0.2185	0.2792	0.3398	0.3277
99.0	0.3156	0.3338	0.3216	0.4491	0.3338	0.3459	0.2306	0.2792	0.3520	0.3397
102.0	0.3156	0.3520	0.3276	0.4491	0.3338	0.3581	0.2428	0.2792	0.3520	0.3338
105.0	0.3216	0.3641	0.3277	0.4491	0.3338	0.3702	0.2489	0.2792	0.3762	0.3338
108.0	0.3216	0.3702	0.3277	0.4369	0.3338	0.3824	0.2672	0.2792	0.3823	0.3338
111.0	0.3216	0.3824	0.3277	0.4248	0.3338	0.3945	0.2913	0.2792	0.3884	0.3338
114.0	0.3336	0.3945	0.3277	0.4187	0.3398	0.4006	0.2974	0.2792	0.3945	0.3459
117.0	0.3398	0.4066	0.3337	0.4187	0.3459	0.4247	0.3156	0.2792	0.4006	0.3520
120.0	0.3519	0.4187	0.3338	0.4187	0.3580	0.4249	0.3278	0.2792	0.4068	0.3641
123.0	0.3641	0.4249	0.3398	0.4187	0.3823	0.4430	0.3520	0.2792	0.4188	0.3762
126.0	0.3701	0.4309	0.3519	0.4248	0.4065	0.4612	0.3581	0.2792	0.4309	0.3945
129.0	0.4004	0.4309	0.3640	0.4309	0.4307	0.4673	0.3763	0.2792	0.4369	0.4247
132.0	0.4187	0.4369	0.3701	0.4491	0.4248	0.4734	0.3823	0.3154	0.4430	0.4247
135.0	0.4248	0.4430	0.3885	0.4492	0.4248	0.4855	0.3823	0.3156	0.4491	0.4248
138.0	0.4248	0.4612	0.4187	0.4613	0.4308	0.5036	0.3946	0.3398	0.4551	0.4248
141.0	0.4248	0.4613	0.4187	0.4734	0.4369	0.4977	0.4127	0.3580	0.4612	0.4248
144.0	0.4308	0.4795	0.4187	0.4795	0.4490	0.5037	0.4189	0.4064	0.4612	0.4248
147.0	0.4369	0.4795	0.4187	0.5099	0.4611	0.5038	0.4430	0.4187	0.4612	0.4369
150.0	0.4550	0.4916	0.4369	0.5280	0.4673	0.5279	0.4674	0.4187	0.4673	0.4369
153.0	0.4551	0.5037	0.4612	0.5280	0.4854	0.5280	0.4856	0.4309	0.4734	0.4490
156.0	0.4673	0.5098	0.4733	0.5280	0.4916	0.5280	0.4977	0.4430	0.4855	0.4551
159.0	0.4795	0.5158	0.4977	0.5280	0.4976	0.5280	0.5098	0.4551	0.5098	0.4612
162.0	0.4975	0.5280	0.4976	0.5280	0.5037	0.5279	0.5098	0.4672	0.5340	0.4673
165.0	0.5158	0.5280	0.5098	0.5280	0.5158	0.5219	0.5098	0.4734	0.5280	0.4794
168.0	0.5158	0.5280	0.5158	0.5280	0.5158	0.5219	0.5098	0.4976	0.5280	0.5037
171.0	0.5158	0.5280	0.5219	0.5280	0.5219	0.5219	0.5098	0.5158	0.5280	0.5158
174.0	0.5158	0.5280	0.5219	0.5280	0.5219	0.5219	0.5098	0.5158	0.5280	0.5158
177.0	0.5158	0.5280	0.5219	0.5280	0.5219	0.5219	0.5098	0.5158	0.5280	0.5158
180.0	0.5158	0.5280	0.5219	0.5280	0.5219	0.5219	0.5098	0.5158	0.5280	0.5219
G/C	300.0	330.0								
0.0	29.27	29.28								
3.0	29.21	29.29								
6.0	29.07	29.14								
9.0	28.83	28.88								
12.0	28.50	28.52								
15.0	28.07	28.06								
18.0	27.56	27.52								
21.0	26.95	26.89								
24.0	26.27	26.18								
27.0	25.50	25.39								
30.0	24.65	24.53								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

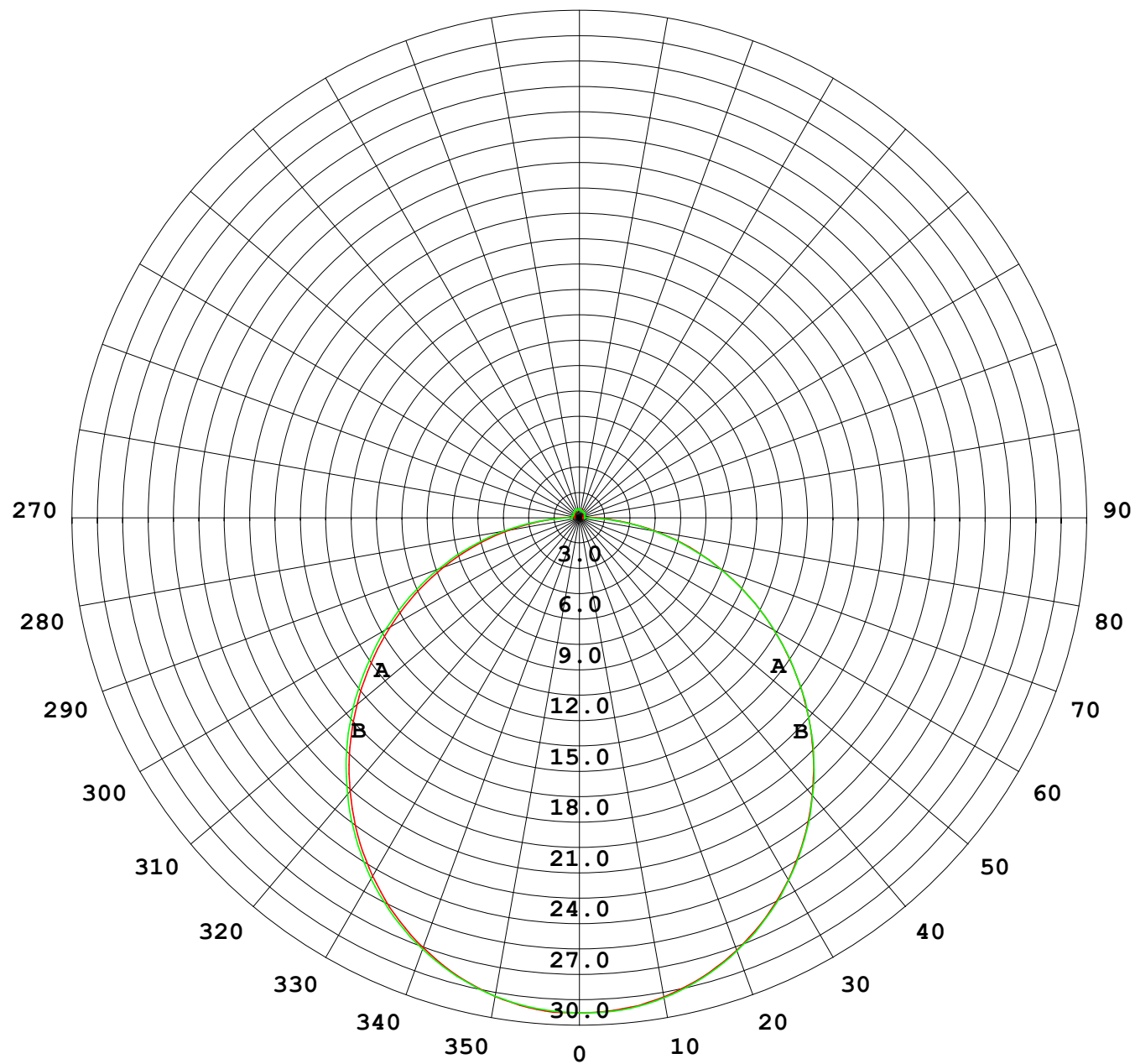
Photometric Data Table [cd]

33.0	23.72	23.59
36.0	22.75	22.60
39.0	21.70	21.53
42.0	20.59	20.42
45.0	19.45	19.27
48.0	18.26	18.06
51.0	17.02	16.82
54.0	15.76	15.56
57.0	14.47	14.28
60.0	13.17	12.97
63.0	11.85	11.66
66.0	10.52	10.33
69.0	9.195	9.003
72.0	7.878	7.705
75.0	6.562	6.388
78.0	5.251	5.083
81.0	3.933	3.790
84.0	2.628	2.498
87.0	1.362	1.459
90.0	0.5201	0.7482
93.0	0.2974	0.3043
96.0	0.3155	0.2428
99.0	0.3277	0.2427
102.0	0.3338	0.2427
105.0	0.3460	0.2427
108.0	0.3581	0.2427
111.0	0.3702	0.2427
114.0	0.3763	0.2549
117.0	0.3884	0.2671
120.0	0.4005	0.3032
123.0	0.4067	0.3094
126.0	0.4188	0.3216
129.0	0.4309	0.3216
132.0	0.4431	0.3398
135.0	0.4491	0.3459
138.0	0.4612	0.3701
141.0	0.4793	0.3942
144.0	0.4794	0.4247
147.0	0.4916	0.4369
150.0	0.4977	0.4369
153.0	0.5098	0.4369
156.0	0.5158	0.4369
159.0	0.5219	0.4430
162.0	0.5219	0.4551
165.0	0.5219	0.4672
168.0	0.5219	0.4855
171.0	0.5219	0.5097
174.0	0.5219	0.5158
177.0	0.5219	0.5219
180.0	0.5219	0.5219

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-16

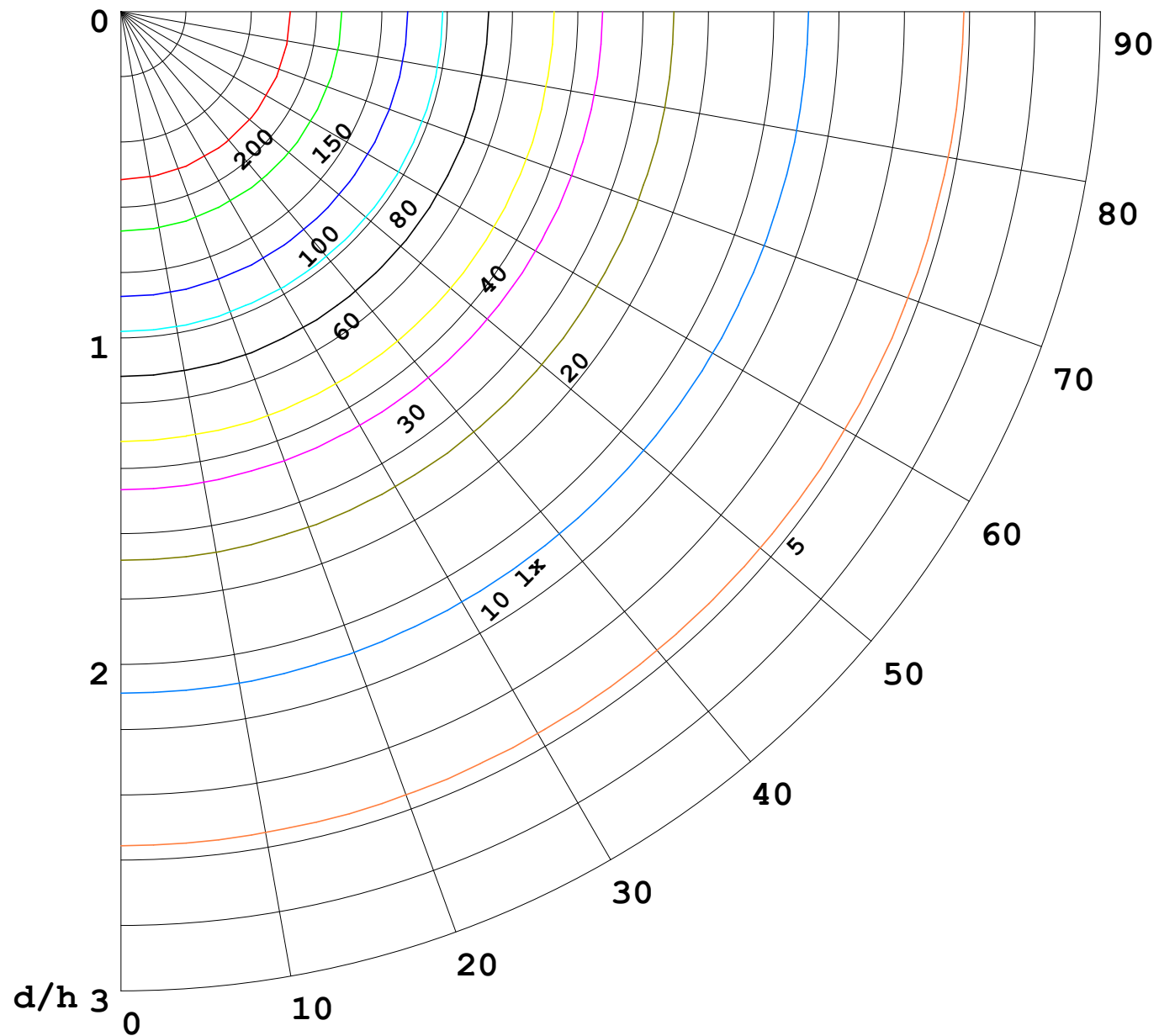
√ Range: 0 - 180DEG
√ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

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

