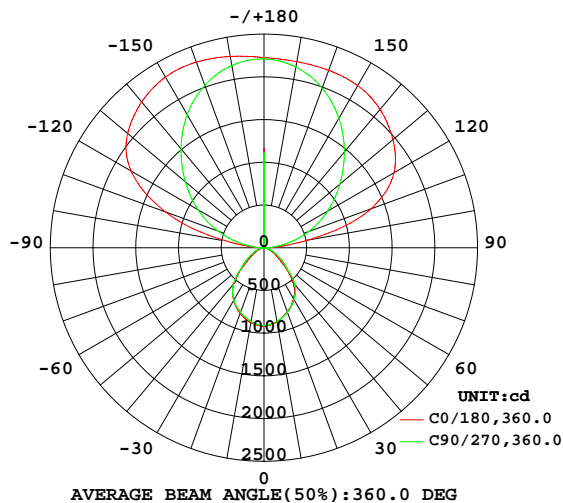


LUMINAIRE PHOTOMETRIC TEST REPORT

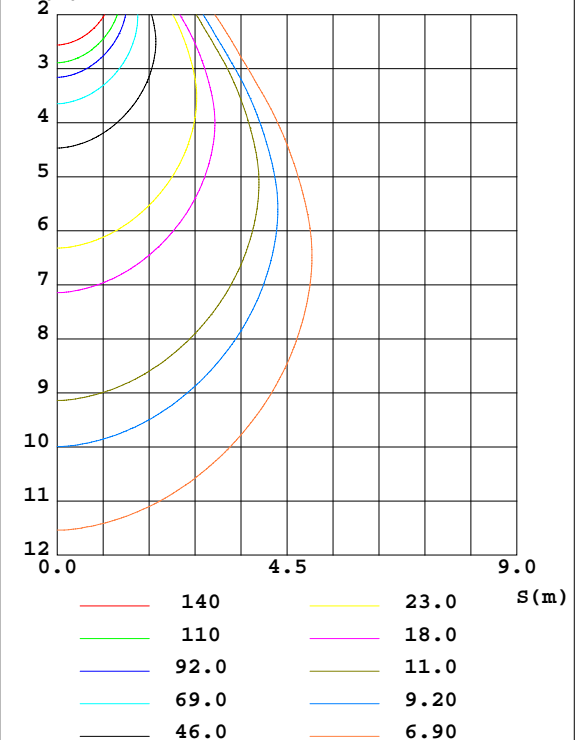
Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.62 lm/W			
MODEL		I _{max} (cd)	2319	S/MH(C0/180)	1.14
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	9433.4	η UP,DN(C0-180)	40.6,9.1
NOMINAL FLUX(lm)	9433.38	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	41.2,9.1
LAMPS INSIDE	1	η up(%)	81.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.0	η down(%)	18.2	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

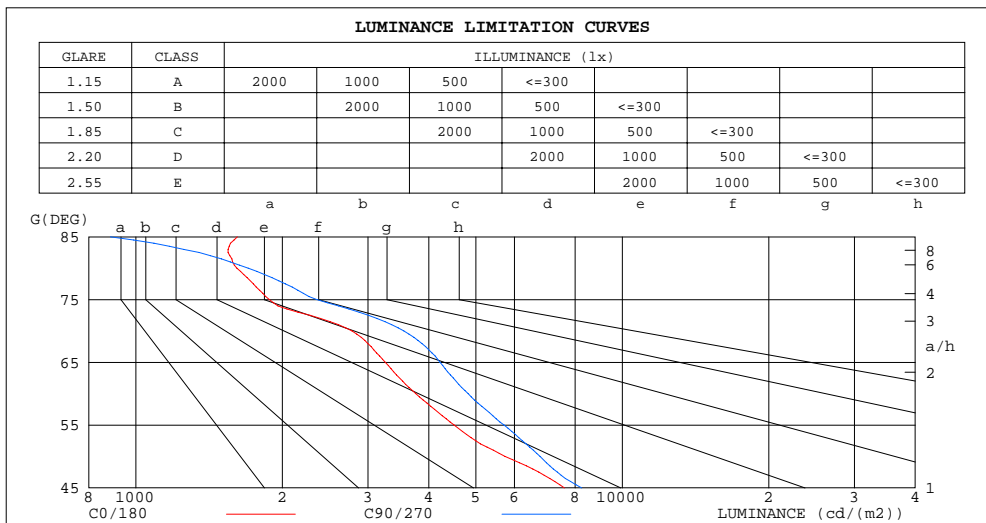
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	879.4	872.6	875.6	874.8	890.1	878.9	876.2	866.8	0- 10	85.24	85.24	0.90,0.90
20	799.9	787.2	803.3	794.2	816.2	797.5	804.6	781.1	10- 20	236.5	321.7	3.41,3.41
30	693.7	672.4	704.6	680.8	711.0	682.0	705.9	666.2	20- 30	343.0	664.8	7.05,7.05
40	532.1	513.5	562.0	520.8	547.1	519.9	561.1	508.6	30- 40	384.5	1049	11.1,11.1
50	278.8	283.4	329.3	283.7	286.0	284.5	326.4	281.5	40- 50	312.9	1362	14.4,14.4
60	142.2	149.0	182.3	144.8	142.2	146.2	182.0	148.4	50- 60	189.3	1552	16.4,16.4
70	71.90	72.32	91.92	66.64	70.84	70.11	91.72	70.58	60- 70	108.4	1660	17.6,17.6
80	21.18	16.10	22.35	14.36	20.48	15.20	24.31	16.22	70- 80	43.45	1703	18.1,18.1
90	8.660	5.069	9.811	21.74	36.71	26.81	1.168	6.555	80- 90	12.80	1716	18.2,18.2
100	516.6	542.9	242.8	539.0	427.9	557.5	249.2	554.9	90-100	225.8	1942	20.6,20.6
110	1330	925.9	555.9	955.9	1224	979.8	573.6	935.0	100-110	742.3	2684	28.5,28.5
120	1757	1250	860.8	1310	1795	1331	891.0	1267	110-120	1124	3808	40.4,40.4
130	1970	1539	1159	1612	2084	1632	1201	1566	120-130	1306	5114	54.2,54.2
140	2114	1778	1463	1869	2228	1890	1512	1813	130-140	1327	6442	68.3,68.3
150	2192	1953	1753	2052	2308	2070	1799	1991	140-150	1208	7650	81.1,81.1
160	2211	2076	1990	2164	2313	2175	2025	2111	150-160	959.5	8610	91.3,91.3
170	2212	2157	2148	2215	2274	2216	2167	2186	160-170	613.3	9223	97.8,97.8
180	2226	2226	2226	2226	2226	2226	2226	2226	170-180	210.3	9433	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-03-31

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1617	887
80	1614	1702
75	1882	2355
70	2781	3555
65	3257	4219
60	3763	4823
55	4511	5712
50	5737	6777
45	7601	8250

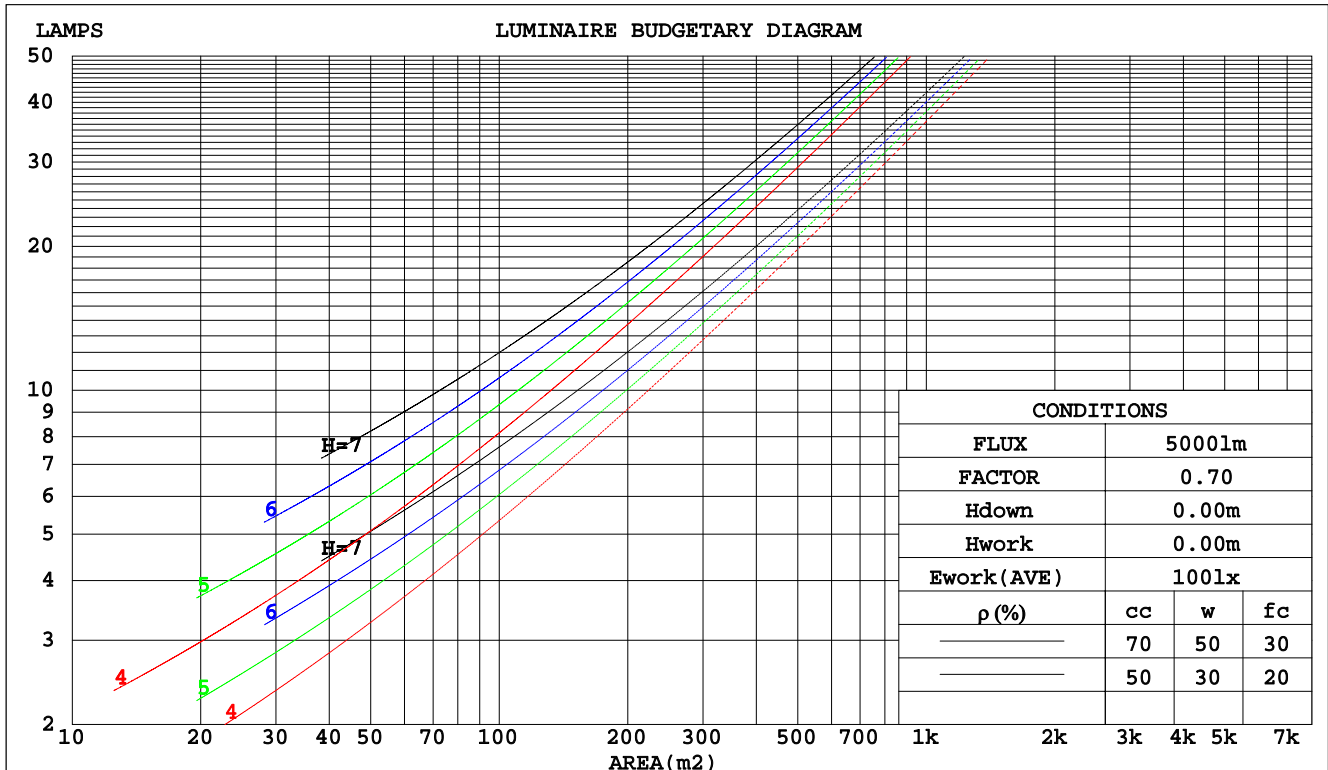
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding 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	.00	.00	.00	.88	.88	.88	.66	.66	.66	.45	.45	.45	.27	.27	.27	.18
1.0	.87	.83	.80	.77	.74	.71	.58	.56	.54	.40	.39	.38	.24	.24	.23	.16
2.0	.76	.71	.66	.68	.63	.59	.51	.48	.45	.36	.34	.33	.22	.21	.20	.14
3.0	.67	.61	.55	.60	.54	.50	.45	.42	.39	.32	.30	.28	.20	.19	.18	.12
4.0	.60	.52	.47	.53	.47	.42	.40	.36	.33	.29	.26	.24	.18	.16	.15	.11
5.0	.53	.46	.40	.47	.41	.36	.36	.32	.28	.26	.23	.21	.16	.15	.14	.10
6.0	.48	.40	.35	.42	.36	.31	.32	.28	.25	.23	.21	.18	.15	.13	.12	.09
7.0	.43	.35	.30	.38	.32	.27	.29	.25	.22	.21	.18	.16	.13	.12	.11	.08
8.0	.39	.32	.27	.35	.28	.24	.27	.22	.19	.19	.17	.14	.12	.11	.10	.07
9.0	.35	.28	.24	.32	.26	.21	.24	.20	.17	.18	.15	.13	.11	.10	.09	.06
10.0	.32	.25	.21	.29	.23	.19	.22	.18	.15	.16	.14	.12	.11	.09	.08	.06



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

WEC AND CCEC

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding 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	.256	.145	.046	.224	.128	.041	.165	.095	.030	.110	.064	.020	.060	.035	.011		
2.0	.237	.130	.040	.208	.115	.035	.154	.086	.027	.104	.058	.018	.058	.033	.010		
3.0	.220	.117	.035	.193	.104	.031	.144	.078	.024	.098	.053	.016	.055	.030	.009		
4.0	.204	.106	.031	.180	.094	.028	.134	.071	.021	.091	.049	.015	.052	.028	.009		
5.0	.190	.097	.028	.168	.086	.025	.125	.065	.019	.086	.045	.013	.049	.026	.008		
6.0	.178	.089	.025	.157	.079	.023	.117	.060	.017	.081	.042	.012	.046	.024	.007		
7.0	.166	.082	.023	.147	.073	.021	.110	.056	.016	.076	.039	.011	.044	.023	.007		
8.0	.156	.076	.021	.138	.068	.019	.104	.052	.015	.072	.036	.010	.041	.021	.006		
9.0	.147	.071	.020	.130	.063	.018	.098	.048	.014	.068	.034	.010	.039	.020	.006		
10.0	.139	.066	.018	.123	.059	.017	.093	.045	.013	.064	.032	.009	.037	.019	.005		

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	.814	.814	.814	.695	.695	.695	.475	.475	.475	.273	.273	.273	.087	.087	.087	
1.0	.805	.785	.767	.689	.674	.660	.471	.464	.457	.271	.268	.266	.087	.086	.086	
2.0	.798	.765	.737	.683	.658	.637	.468	.455	.445	.270	.265	.261	.087	.086	.085	
3.0	.791	.750	.717	.678	.647	.622	.465	.449	.436	.269	.262	.257	.086	.085	.084	
4.0	.785	.739	.704	.673	.638	.611	.463	.445	.431	.268	.261	.255	.086	.085	.084	
5.0	.779	.730	.694	.669	.632	.604	.461	.441	.426	.267	.259	.253	.086	.085	.083	
6.0	.773	.723	.687	.664	.626	.599	.458	.438	.424	.266	.258	.252	.086	.084	.083	
7.0	.768	.717	.682	.660	.622	.595	.456	.436	.421	.265	.257	.251	.086	.084	.083	
8.0	.763	.713	.678	.656	.618	.592	.454	.434	.420	.264	.256	.250	.085	.084	.083	
9.0	.758	.709	.675	.653	.615	.589	.452	.432	.418	.263	.255	.249	.085	.084	.083	
10.0	.753	.705	.673	.649	.612	.587	.450	.431	.417	.263	.255	.249	.085	.084	.083	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-03-31

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm											
NAME: S00-60050-27W						TYPE:			WEIGHT:		
SPEC.:						DIM.: 1070*160*30			SERIAL No.:		
MFR.: A3813057-01						SUR.:0.84*0.09			Shielding 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	2H	10.4	11.1	11.5	12.2	13.8	10.6	11.3	11.8	12.4	14.0
	3H	10.8	11.4	12.0	12.6	14.2	11.2	11.8	12.4	13.0	14.6
	4H	10.8	11.4	12.0	12.5	14.1	11.3	11.9	12.5	13.0	14.6
	6H	10.8	11.3	12.0	12.5	14.1	11.3	11.8	12.5	13.0	14.6
	8H	10.7	11.2	11.9	12.4	14.0	11.2	11.7	12.4	12.9	14.5
	12H	10.7	11.2	11.9	12.3	13.9	11.1	11.6	12.3	12.8	14.4
4H	2H	10.3	10.9	11.5	12.0	13.6	10.5	11.1	11.7	12.2	13.8
	3H	10.9	11.4	12.1	12.5	14.1	11.2	11.7	12.4	12.8	14.5
	4H	10.9	11.4	12.1	12.5	14.2	11.4	11.8	12.6	12.9	14.6
	6H	10.9	11.3	12.1	12.5	14.1	11.4	11.7	12.6	12.9	14.6
	8H	10.9	11.2	12.1	12.4	14.1	11.3	11.7	12.5	12.8	14.5
	12H	10.9	11.2	12.1	12.4	14.0	11.2	11.5	12.5	12.7	14.4
8H	4H	10.8	11.1	12.0	12.3	13.9	11.2	11.5	12.4	12.7	14.4
	6H	10.8	11.1	12.0	12.3	13.9	11.2	11.5	12.4	12.7	14.4
	8H	10.8	11.0	12.0	12.2	13.9	11.2	11.4	12.4	12.6	14.3
	12H	10.8	11.0	12.0	12.2	13.9	11.1	11.3	12.4	12.5	14.3
12H	4H	10.7	11.0	11.9	12.2	13.8	11.1	11.4	12.3	12.6	14.2
	6H	10.7	10.9	11.9	12.1	13.8	11.1	11.4	12.3	12.6	14.3
	8H	10.7	10.9	11.9	12.1	13.8	11.1	11.3	12.3	12.5	14.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.9					+ 0.6 / - 0.7					
1.5H	+ 0.5 / - 0.7					+ 0.5 / - 0.9					
2.0H	+ 1.5 / - 1.2					+ 1.8 / - 1.9					

CIE Pub.117, 9433 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 7.8$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-03-31

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:

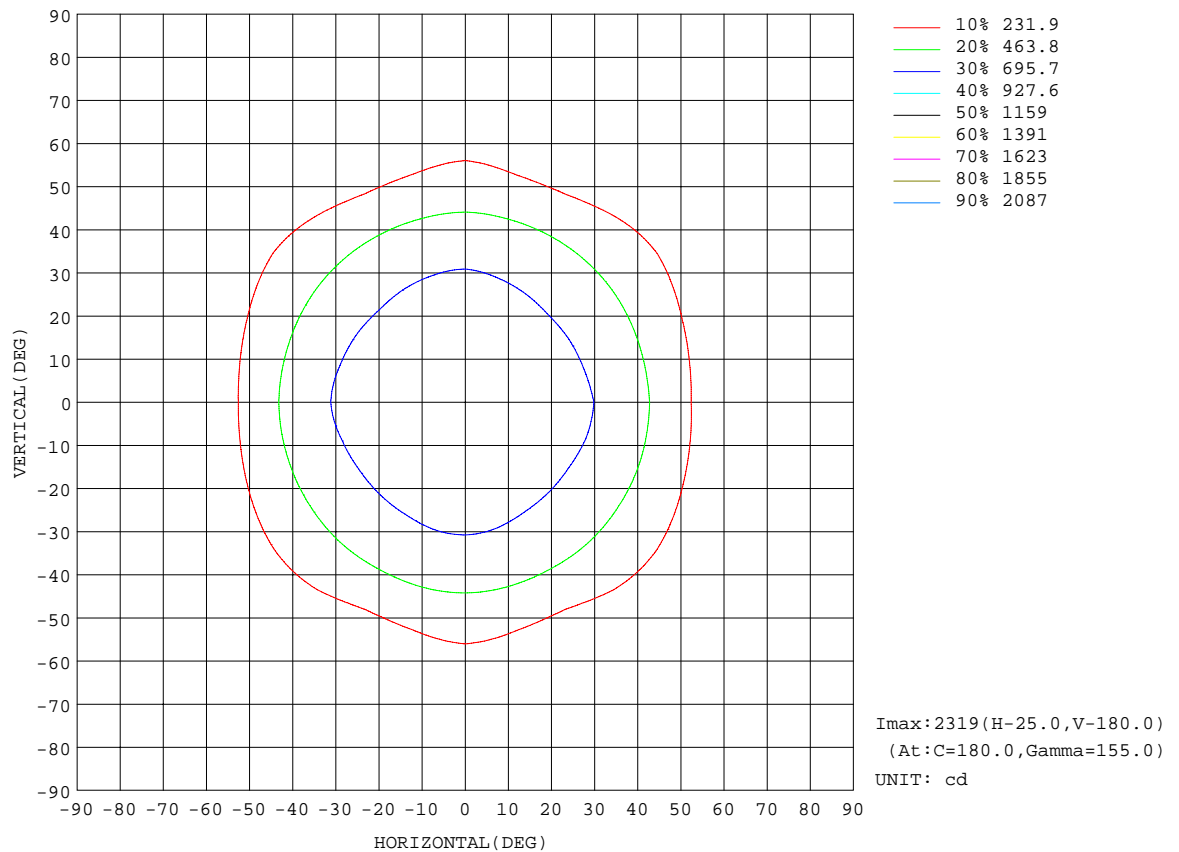
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	36	26	20	33	24	19	27	20	16	8
0.80	46	34	28	41	31	25	33	26	21	10
1.00	53	41	34	47	38	31	37	31	26	11
1.25	60	48	41	53	44	37	41	35	30	13
1.50	65	54	46	58	49	42	45	38	34	13
2.00	72	62	55	64	56	50	49	43	39	15
2.50	76	68	61	68	60	55	52	47	43	15
3.00	80	72	66	71	64	59	54	49	46	16
4.00	84	78	72	75	69	65	56	53	50	16
5.00	87	82	77	77	72	68	58	55	52	17
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ISOCANDELA DIAGRAM

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:

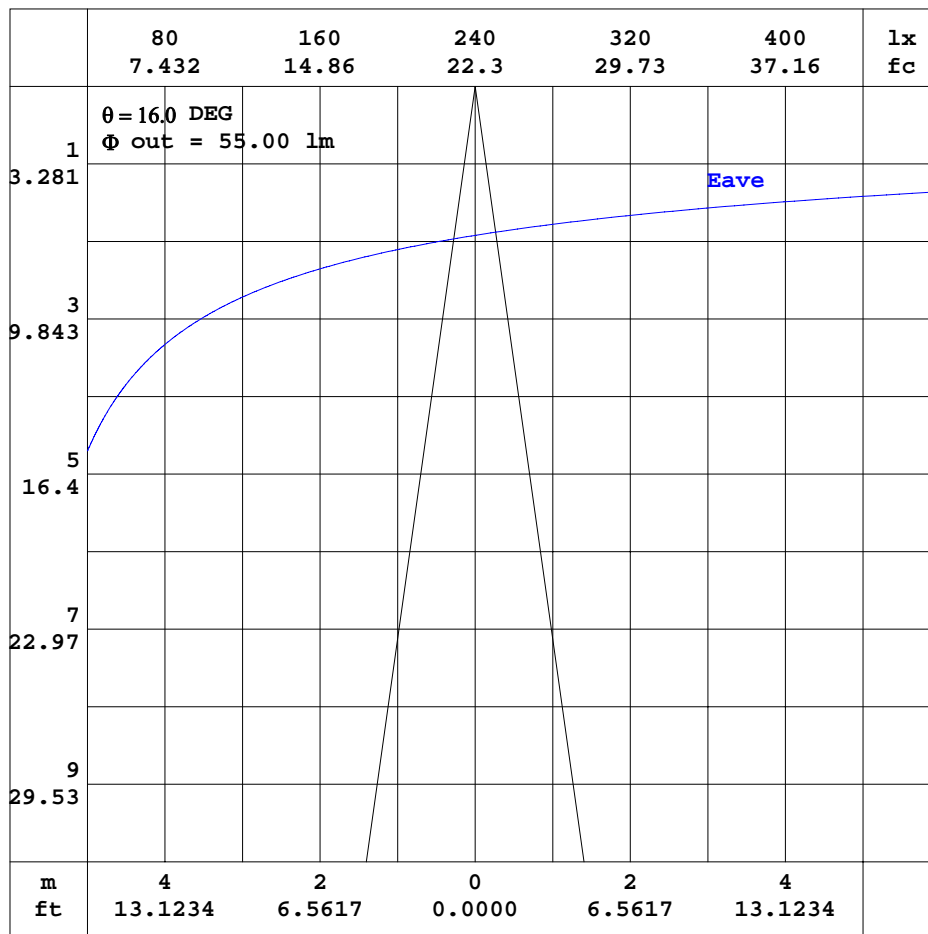


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2023-03-31

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

AAI CURVES

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:



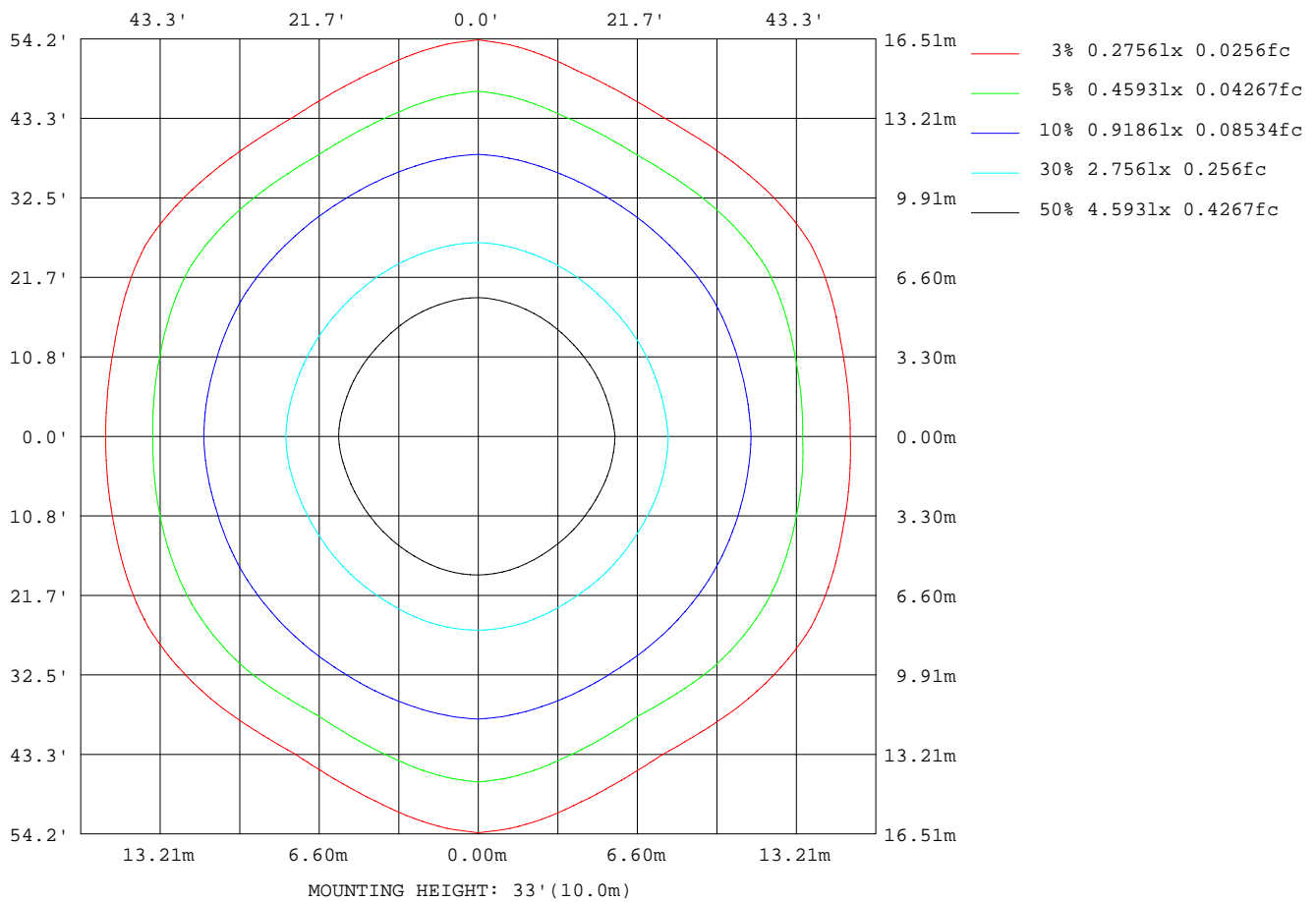
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2023-03-31

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

ISOLUX DIAGRAM

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LED Avg.L Report

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:

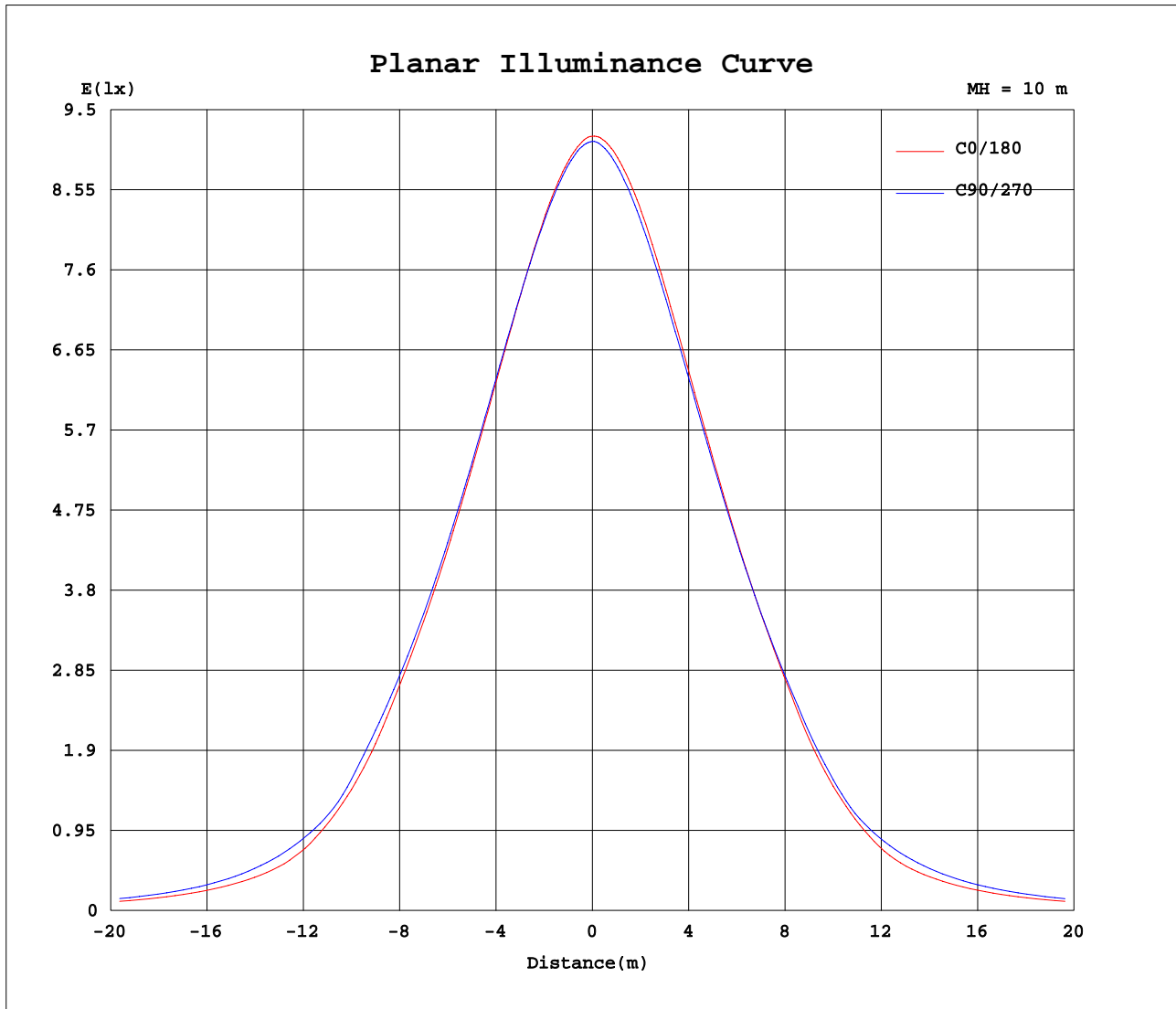
AvgL	cd/m2
L_0~180(65)av	3235
L_0~180(75)av	1864
L_0~180(85)av	2297
L_90~270(65)av	4208
L_90~270(75)av	2386
L_90~270(85)av	1114
L_45(65)av	3301
L_45(75)av	1900
L_45(85)av	1320

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2023-03-31

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	919	918	918	918	917	917	916	916	916	915	915	915	914	914	914	913	913	913	912
5	905	905	905	904	904	903	902	902	902	901	901	901	901	901	901	901	901	901	900
10	879	879	879	878	876	875	873	873	873	872	872	872	872	872	873	874	875	875	876
15	843	842	841	840	838	836	834	834	834	834	834	834	835	836	838	840	841	842	842
20	800	799	797	795	792	789	787	786	787	787	788	789	790	793	796	799	801	802	803
25	751	749	746	743	740	736	733	732	732	733	734	736	738	743	747	751	755	757	758
30	694	691	688	685	680	676	672	671	671	672	674	676	679	684	690	696	700	703	705
35	625	622	619	615	610	606	602	601	601	602	603	606	609	616	623	630	635	639	641
40	532	529	526	523	519	515	512	511	512	514	516	519	524	532	540	548	555	559	562
45	406	405	402	399	394	388	384	384	385	388	392	396	402	410	419	427	434	438	441
50	279	280	282	283	286	287	289	288	286	283	279	276	276	282	292	303	314	324	329
55	196	198	201	204	209	213	216	215	211	206	198	192	189	194	204	215	229	241	248
60	142	145	148	151	155	158	160	158	154	149	142	137	134	138	146	155	167	176	182
65	104	106	108	110	111	112	113	112	110	108	103	98.4	95.9	100	107	114	123	131	135
70	71.9	72.7	73.1	73.2	72.7	72.0	71.5	71.8	72.2	72.3	70.6	69.1	68.6	72.0	76.6	81.5	86.4	90.1	91.9
75	36.8	36.4	35.9	35.5	34.8	34.4	34.3	35.4	36.8	38.2	38.6	39.0	39.5	40.9	42.4	43.9	45.2	45.9	46.1
80	21.2	21.1	20.9	20.4	19.6	18.7	17.8	17.0	16.4	16.1	16.2	16.6	17.4	18.7	20.1	21.4	22.2	22.5	22.3
85	10.7	10.6	10.5	10.4	10.1	9.89	9.60	9.32	9.00	8.61	7.98	7.36	6.84	6.78	6.81	6.83	6.49	6.13	5.84
90	8.66	8.02	7.47	6.99	6.64	6.33	6.05	5.81	5.51	5.07	4.19	3.23	2.31	1.73	1.29	0.97	0.50	0.30	9.81
95	193	195	200	209	226	245	262	274	281	279	257	229	198	173	150	130	114	104	98.6
100	517	521	531	545	572	598	614	604	580	543	487	427	369	331	301	278	260	248	243
105	962	965	965	964	968	964	947	893	826	751	676	603	537	493	459	434	413	400	396
110	1330	1324	1310	1288	1262	1225	1175	1099	1014	926	847	774	709	660	621	592	571	559	556
115	1580	1567	1545	1512	1470	1418	1354	1271	1182	1092	1014	942	879	827	784	751	727	714	711
120	1757	1740	1712	1674	1626	1568	1501	1420	1335	1250	1175	1105	1042	987	941	905	879	864	861
125	1878	1859	1831	1793	1746	1691	1628	1554	1477	1399	1328	1260	1198	1142	1094	1055	1028	1013	1010
130	1970	1951	1924	1890	1848	1799	1743	1678	1609	1539	1472	1409	1349	1293	1244	1205	1177	1162	1159
135	2048	2030	2005	1975	1938	1896	1847	1790	1728	1665	1605	1546	1490	1437	1390	1352	1327	1313	1311
140	2114	2096	2074	2047	2014	1977	1935	1886	1833	1778	1724	1671	1621	1573	1531	1497	1475	1463	1463
145	2162	2145	2125	2101	2074	2043	2007	1965	1920	1873	1827	1783	1741	1700	1665	1636	1619	1610	1612
150	2192	2176	2157	2137	2114	2089	2061	2027	1990	1953	1917	1882	1848	1817	1790	1768	1755	1750	1753
155	2206	2191	2174	2157	2140	2121	2100	2074	2047	2020	1993	1968	1944	1921	1902	1887	1879	1876	1879
160	2211	2196	2182	2168	2155	2142	2129	2112	2094	2076	2058	2042	2027	2012	2000	1991	1986	1986	1990
165	2211	2197	2184	2174	2165	2158	2151	2141	2131	2121	2112	2103	2095	2088	2081	2077	2076	2077	2080
170	2212	2198	2187	2179	2175	2172	2170	2166	2162	2157	2154	2151	2148	2145	2143	2142	2143	2145	2148
175	2216	2203	2193	2187	2185	2185	2186	2186	2185	2185	2185	2185	2185	2185	2185	2185	2187	2189	2191
180	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	912	912	912	911	911	911	911	910	910	910	910	910	909	909	909	912	916	919	919
5	900	901	901	901	901	901	901	901	901	901	900	900	900	900	901	905	908	911	911
10	876	876	876	875	875	874	874	874	875	875	875	876	876	877	879	883	887	890	890
15	843	842	842	841	840	839	839	839	839	839	840	840	841	843	845	850	854	857	856
20	803	803	802	800	798	796	795	794	794	794	794	795	796	799	802	807	813	816	815
25	758	757	755	752	748	745	743	742	741	741	741	742	745	748	752	759	764	768	766
30	704	702	699	695	690	686	683	682	681	680	680	681	684	689	694	701	707	711	708
35	640	638	634	628	622	616	613	611	610	609	609	610	614	619	624	631	637	641	638
40	561	557	552	545	537	530	526	523	521	519	519	520	523	527	532	538	544	547	544
45	440	436	431	423	414	406	400	396	393	391	390	391	395	400	405	411	415	418	414
50	324	315	303	293	284	277	278	280	284	286	288	290	288	287	285	285	285	286	287
55	240	228	214	203	193	187	191	197	205	209	213	214	212	208	203	201	199	198	199
60	176	165	153	144	136	131	134	139	145	149	153	155	154	151	148	145	143	142	143
65	130	121	111	103	96.4	91.9	93.9	97.8	102	105	106	107	107	107	107	105	104	103	104
70	88.6	83.5	77.6	72.0	67.2	63.6	63.7	64.9	66.6	66.9	67.2	67.4	68.4	69.5	70.4	70.7	70.8	70.8	71.1
75	44.7	42.7	40.5	38.7	37.1	35.8	35.6	35.5	35.5	34.6	33.7	33.0	33.1	33.5	34.1	34.9	35.6	36.1	35.8
80	21.3	20.0	18.5	17.4	16.5	15.7	15.0	14.6	14.4	14.7	15.2	16.0	16.8	17.7	18.6	19.4	20.1	20.5	20.4
85	5.93	6.12	6.32	6.28	6.26	6.34	6.69	7.22	7.97	9.00	10.2	11.7	13.5	15.3	17.0	18.2	19.1	19.6	19.7
90	1.84	3.57	5.54	7.13	8.95	11.2	14.5	18.2	21.7	24.6	27.1	29.3	31.1	32.6	33.9	35.2	36.1	36.7	36.5
95	103	113	128	149	172	196	222	245	260	255	242	225	207	189	174	165	160	158	159
100	247	259	278	303	336	375	433	490	539	561	569	562	535	501	467	447	434	428	432
105	401	414	436	465	503	550	617	689	759	821	871	907	908	897	879	867	858	852	857
110	562	578	602	634	676	728	798	876	956	1035	1108	1167	1197	1213	1220	1225	1226	1224	1225
115	721	741	771	806	851	906	977	1056	1140	1231	1317	1394	1445	1483	1509	1528	1539	1542	1539
120	871	893	925	967	1018	1078	1149	1227	1310	1402	1493	1577	1643	1696	1738	1769	1788	1795	1787
125	1022	1046	1082	1127	1181	1243	1312	1386	1466	1554	1641	1724	1793	1852	1900	1937	1961	1970	1959
130	1173	1200	1237	1285	1341	1403	1469	1539	1612	1691	1770	1844	1909	1966	2013	2050	2074	2084	2071
135	1326	1352	1389	1437	1492	1553	1616	1681	1747	1818	1887	1952	2009	2058	2099	2132	2154	2163	2150
140	1477	1502	1536	1581	1633	1690	1748	1808	1869	1930	1990	2046	2094	2137	2172	2201	2220	2228	2215
145	1624	1646	1677	1717	1763	1813	1864	1917	1970	2024	2075	2123	2164	2200	2229	2253	2270	2276	2264
150	1764	1782	1808	1841	1880	1922	1965	2008	2052	2097	2140	2180	2214	2244	2269	2289	2303	2308	2297
155	1889	1904	1925	1952	1982	2014	2048	2082	2117	2151	2185	2216	2244	2268	2288	2304	2315	2319	2309
160	1998	2009	2024	2044	2066	2090	2115	2139	2164	2189	2214	2236	2257	2274	2289	2302	2310	2313	2303
165	2086	2094	2104	2118	2133	2149	2165	2180	2197	2213	2229	2244	2258	2269	2279	2289	2295	2296	2287
170	2152	2157	2163	2171	2179	2188	2197	2206	2215	2225	2234	2242	2250	2257	2262	2269	2273	2274	2265
175	2194	2196	2199	2203	2206	2210	2214	2218	2221	2225	2229	2233	2236	2239	2242	2246	2249	2248	2240
180	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm		
NAME: S00-60050-27W	TYPE:	WEIGHT:
SPEC.:	DIM.: 1070*160*30	SERIAL No.:
MFR.: A3813057-01	SUR.:0.84*0.09	Shielding Angle:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	919	918	917	917	916	916	916	915	915	915	914	914	914	913	913	913	912	912	912
5	911	909	909	908	908	907	906	905	905	904	904	903	903	902	901	901	901	900	900
10	888	886	885	884	883	882	880	879	878	878	878	878	877	877	877	877	876	875	873
15	854	851	850	848	847	845	844	842	842	843	843	843	843	843	843	844	843	842	839
20	812	808	805	803	801	800	798	798	798	799	800	801	802	802	804	805	805	802	799
25	762	757	754	751	749	746	744	743	745	747	749	751	753	754	757	759	759	757	753
30	703	698	694	690	687	685	683	682	684	687	690	693	696	699	702	705	706	703	698
35	632	626	622	619	616	613	611	610	612	616	620	624	628	632	637	641	642	638	633
40	539	533	528	525	522	520	519	520	522	525	529	535	541	547	554	559	561	556	549
45	409	404	400	397	395	394	394	395	398	402	407	413	418	424	431	437	440	435	429
50	288	289	291	293	294	291	288	285	281	279	279	285	293	303	313	322	326	320	310
55	201	204	210	216	220	216	210	204	198	194	192	197	205	214	228	240	247	238	225
60	146	149	153	157	160	157	152	146	141	137	135	140	147	155	167	176	182	175	165
65	106	108	109	110	111	110	107	105	101	97.2	95.7	99.8	106	113	122	130	134	129	121
70	71.4	71.5	71.5	71.4	71.1	70.9	70.6	70.1	68.6	67.5	67.4	70.5	74.6	79.3	84.7	89.2	91.7	88.7	83.9
75	35.3	34.8	34.9	35.2	35.6	36.2	36.8	37.5	38.1	38.7	39.5	40.4	41.6	42.8	44.7	46.3	47.3	46.2	44.5
80	20.0	19.4	18.6	17.7	16.9	16.1	15.5	15.2	15.6	16.4	17.5	18.7	20.0	21.4	22.7	23.7	24.3	23.7	22.5
85	19.4	18.6	17.4	15.8	14.1	12.3	10.5	8.91	7.89	7.22	6.88	6.96	7.27	7.71	8.19	8.60	8.85	8.54	8.11
90	36.0	35.4	35.3	34.9	34.2	32.4	29.9	26.8	22.8	18.5	14.2	10.6	7.38	4.73	3.00	1.84	1.17	0.86	0.88
95	163	171	184	200	217	237	254	263	249	227	200	176	153	133	117	105	99.6	105	116
100	443	461	492	523	551	567	570	557	508	447	386	346	313	287	267	254	249	254	266
105	867	878	895	906	907	880	838	783	709	632	560	513	477	450	429	415	409	414	426
110	1223	1218	1213	1199	1173	1120	1054	980	897	815	740	690	652	623	598	581	574	578	591
115	1528	1509	1484	1449	1401	1330	1249	1163	1077	995	921	869	829	797	767	746	734	739	754
120	1767	1736	1696	1645	1583	1505	1419	1331	1247	1168	1096	1041	995	959	926	903	891	896	912
125	1933	1896	1849	1792	1727	1650	1569	1487	1408	1332	1263	1208	1160	1121	1086	1060	1046	1051	1067
130	2044	2005	1960	1906	1846	1777	1706	1632	1561	1491	1427	1372	1323	1281	1244	1216	1201	1205	1222
135	2125	2090	2050	2004	1952	1894	1832	1768	1704	1640	1580	1527	1478	1437	1400	1373	1357	1360	1376
140	2192	2161	2127	2088	2045	1996	1944	1890	1832	1775	1720	1670	1625	1586	1552	1527	1512	1514	1527
145	2244	2217	2189	2158	2122	2081	2037	1990	1941	1891	1843	1800	1761	1726	1697	1674	1660	1661	1671
150	2278	2255	2232	2207	2178	2145	2108	2070	2030	1989	1950	1915	1883	1854	1830	1810	1799	1798	1806
155	2293	2273	2255	2236	2214	2188	2160	2130	2099	2069	2039	2012	1987	1966	1946	1931	1921	1921	1925
160	2289	2273	2260	2247	2233	2215	2195	2175	2153	2131	2110	2091	2074	2058	2044	2032	2025	2024	2026
165	2275	2262	2254	2246	2238	2227	2215	2203	2189	2176	2163	2151	2140	2130	2120	2113	2108	2106	2108
170	2254	2243	2239	2235	2233	2227	2222	2216	2209	2203	2196	2190	2184	2179	2174	2170	2167	2166	2167
175	2229	2220	2218	2218	2219	2218	2216	2214	2213	2211	2209	2208	2206	2205	2203	2202	2202	2201	2201
180	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.58V I:0.4547A P:102.96W PF:0.9863 Freq:49.99Hz Lamp Flux:9433.38x1 lm																	
NAME: S00-60050-27W									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1070*160*30						SERIAL No.:		
MFR.: A3813057-01									SUR.:0.84*0.09						Shielding Angle:		

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	912	911	911	911	911	910	910	910	910	910	909	909	909	911	914				
5	899	899	898	898	897	896	896	896	896	896	895	895	896	898	901				
10	872	871	871	870	869	868	867	867	868	868	868	868	868	871	875				
15	837	835	834	833	831	830	829	829	829	830	829	830	831	834	838				
20	795	793	791	789	786	783	781	781	781	782	783	784	786	789	794				
25	748	744	741	737	733	730	727	727	728	729	731	732	735	739	744				
30	692	687	682	678	673	669	666	666	667	669	671	673	676	681	687				
35	626	620	614	609	603	599	596	596	597	599	601	603	607	612	618				
40	541	534	527	521	516	512	509	506	506	506	508	512	516	521	526				
45	420	414	407	400	394	389	385	384	384	385	386	388	391	395	400				
50	299	290	282	276	276	278	282	285	288	290	288	285	282	280	279				
55	211	202	195	191	193	198	204	211	216	219	214	208	201	198	196				
60	153	145	139	135	138	143	148	154	158	161	158	153	148	145	143				
65	112	105	99.6	96.5	98.6	102	107	109	111	112	111	109	108	106	105				
70	78.4	74.1	70.5	68.0	68.2	69.2	70.6	70.9	71.1	71.2	71.4	71.5	71.6	71.7	71.8				
75	42.5	41.4	40.3	39.5	38.8	38.2	37.5	36.6	35.7	35.0	34.8	34.9	35.2	35.5	36.1				
80	21.2	20.0	18.8	17.7	16.9	16.4	16.2	16.7	17.4	18.3	18.9	19.4	20.0	20.4	20.8				
85	7.67	7.48	7.43	7.56	8.05	8.66	9.29	9.76	10.1	10.4	10.5	10.5	10.4	10.5	10.5				
90	1.19	1.66	2.33	3.18	4.33	5.50	6.55	7.13	7.48	7.65	7.54	7.38	7.30	7.57	8.02				
95	132	150	172	196	230	261	286	287	278	264	247	230	213	203	196				
100	285	305	333	370	431	495	555	591	615	624	610	587	560	544	529				
105	445	467	497	539	606	682	760	837	905	960	983	991	989	987	978				
110	612	637	671	716	780	854	935	1024	1110	1188	1243	1285	1313	1331	1336				
115	778	806	843	890	953	1024	1104	1193	1282	1367	1436	1494	1538	1566	1580				
120	938	969	1009	1058	1120	1190	1267	1349	1432	1513	1585	1648	1700	1733	1752				
125	1095	1128	1170	1220	1282	1349	1421	1496	1570	1642	1709	1769	1818	1851	1871				
130	1249	1283	1326	1376	1435	1499	1566	1633	1698	1761	1820	1872	1915	1944	1962				
135	1401	1434	1474	1522	1577	1637	1698	1758	1816	1870	1921	1965	2002	2027	2042				
140	1549	1578	1614	1656	1706	1759	1813	1865	1915	1962	2005	2043	2074	2096	2109				
145	1689	1713	1743	1778	1819	1864	1910	1954	1996	2036	2072	2103	2129	2147	2158				
150	1819	1837	1860	1888	1920	1955	1991	2026	2059	2090	2119	2144	2165	2179	2189				
155	1935	1947	1963	1982	2005	2031	2057	2082	2107	2131	2152	2171	2187	2197	2204				
160	2032	2040	2050	2062	2077	2094	2111	2128	2145	2160	2175	2187	2198	2205	2209				
165	2111	2114	2120	2126	2135	2145	2155	2164	2173	2182	2190	2197	2203	2207	2210				
170	2168	2169	2171	2174	2177	2181	2186	2190	2194	2198	2202	2205	2208	2210	2211				
175	2201	2201	2202	2203	2204	2205	2206	2208	2209	2210	2211	2212	2213	2214	2215				
180	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226	2226				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks: