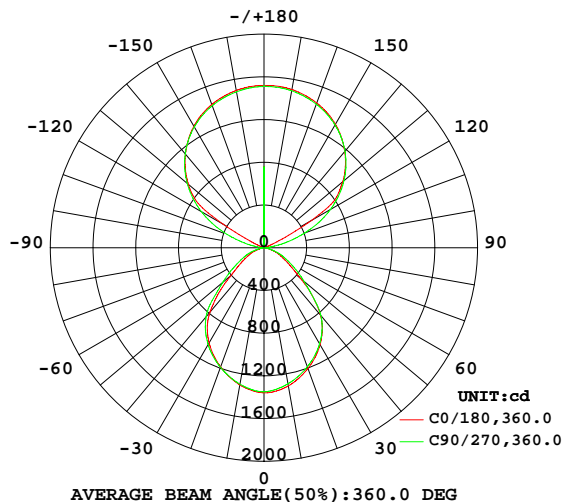


LUMINAIRE PHOTOMETRIC TEST REPORT

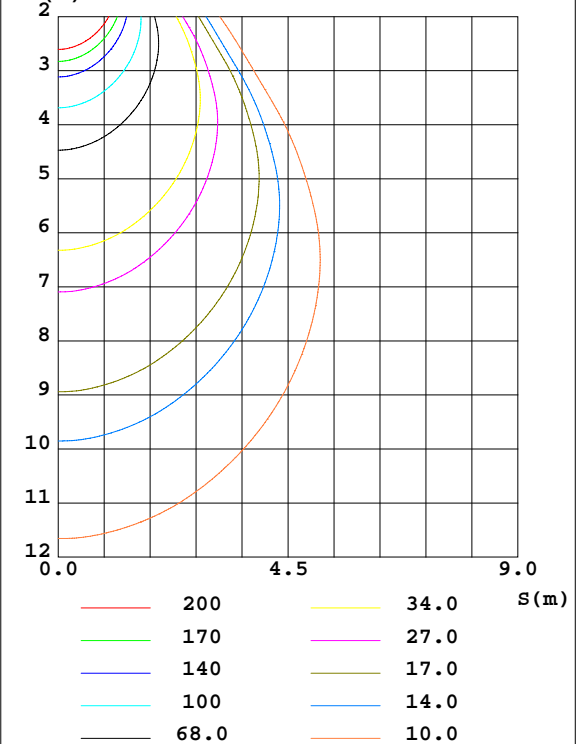
Test:U:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.59 lm/W			
MODEL		Imax(cd)	1520	S/MH(C0/180)	1.16
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	6574.5	η UP,DN(C0-180)	30.9,19.4
NOMINAL FLUX(lm)	6574.54	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	30.2,19.5
LAMPS INSIDE	1	η up(%)	61.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.0	η down(%)	38.9	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:

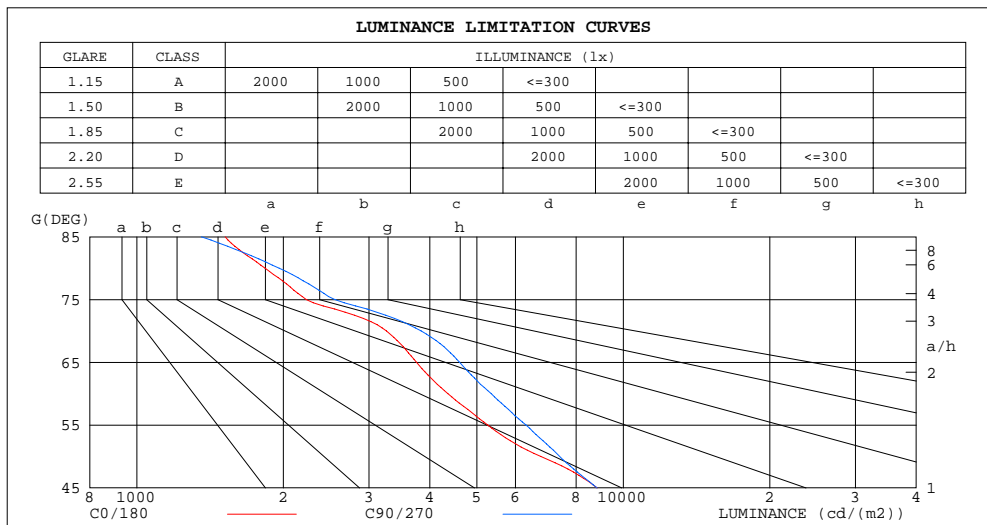
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1314	1297	1294	1286	1305	1291	1297	1294	0- 10	126.1	126.1	1.92,1.92
20	1203	1176	1187	1161	1188	1165	1192	1173	10- 20	350.0	476.0	7.24,7.24
30	1050	1009	1041	990.0	1028	993.1	1046	1007	20- 30	507.6	983.6	15,15
40	823.8	780.5	829.4	754.2	786.0	760.7	843.8	782.5	30- 40	570.3	1554	23.6,23.6
50	448.8	439.7	490.8	416.8	403.4	422.4	503.4	443.5	40- 50	471.2	2025	30.8,30.8
60	224.8	229.8	276.1	216.6	205.3	216.9	279.4	231.7	50- 60	288.2	2313	35.2,35.2
70	115.0	110.4	135.6	99.81	99.50	102.4	142.4	113.3	60- 70	164.6	2478	37.7,37.7
80	32.87	24.82	35.15	20.55	24.83	21.31	37.98	27.11	70- 80	66.12	2544	38.7,38.7
90	2.036	1.564	0.8076	2.565	1.624	1.615	1.289	3.540	80- 90	13.06	2557	38.9,38.9
100	17.93	16.39	113.1	16.80	18.05	16.22	91.73	16.02	90-100	15.49	2573	39.1,39.1
110	30.20	204.1	404.5	171.4	27.27	153.9	367.5	194.3	100-110	105.3	2678	40.7,40.7
120	517.8	711.3	718.7	668.9	443.5	643.1	676.1	662.8	110-120	391.6	3069	46.7,46.7
130	961.4	964.1	977.6	929.5	925.3	920.1	938.3	938.7	120-130	719.3	3789	57.6,57.6
140	1177	1177	1180	1157	1144	1138	1148	1158	130-140	814.4	4603	70,70
150	1337	1330	1329	1317	1314	1302	1306	1322	140-150	778.3	5381	81.9,81.9
160	1443	1434	1432	1429	1428	1415	1416	1431	150-160	636.0	6017	91.5,91.5
170	1505	1494	1493	1494	1496	1483	1483	1495	160-170	413.8	6431	97.8,97.8
180	1520	1520	1520	1520	1520	1520	1520	1520	170-180	143.4	6575	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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1519	1357
80	1834	1961
75	2229	2554
70	3257	3841
65	3756	4608
60	4358	5351
55	5264	6308
50	6765	7399
45	8834	8834

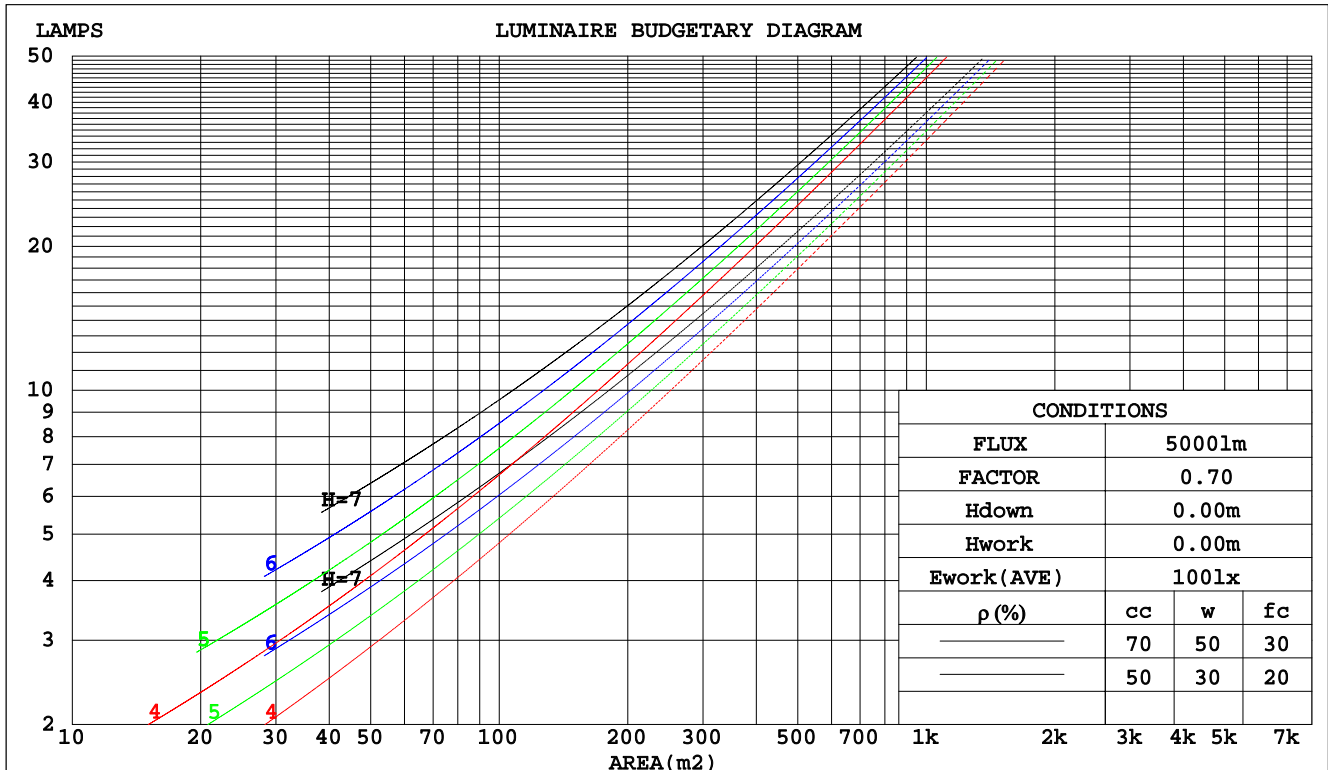
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	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	1.04	1.04	1.04	.95	.95	.95	.77	.77	.77	.61	.61	.61	.46	.46	.46	.39
1.0	.92	.89	.85	.84	.81	.78	.69	.67	.65	.55	.53	.52	.42	.41	.40	.34
2.0	.81	.76	.71	.74	.70	.66	.61	.58	.55	.49	.47	.45	.38	.36	.35	.30
3.0	.72	.65	.60	.66	.60	.56	.55	.50	.47	.44	.41	.39	.34	.32	.31	.26
4.0	.64	.57	.51	.59	.53	.48	.49	.44	.41	.40	.36	.34	.31	.29	.27	.23
5.0	.57	.50	.44	.53	.46	.41	.44	.39	.35	.36	.32	.30	.28	.26	.24	.21
6.0	.52	.44	.39	.48	.41	.36	.40	.35	.31	.33	.29	.26	.26	.23	.21	.18
7.0	.47	.39	.34	.43	.37	.32	.36	.31	.28	.30	.26	.23	.24	.21	.19	.17
8.0	.43	.35	.30	.39	.33	.28	.33	.28	.25	.27	.24	.21	.22	.19	.17	.15
9.0	.39	.32	.27	.36	.30	.25	.30	.26	.22	.25	.22	.19	.20	.18	.16	.14
10.0	.36	.29	.24	.33	.27	.23	.28	.23	.20	.23	.20	.17	.19	.16	.14	.13



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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	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	.253	.144	.046	.228	.130	.041	.181	.104	.033	.137	.079	.025	.097	.056	.018		
2.0	.238	.130	.040	.215	.118	.036	.171	.095	.030	.131	.074	.023	.094	.053	.017		
3.0	.222	.118	.035	.201	.107	.032	.161	.087	.026	.124	.068	.021	.090	.050	.015		
4.0	.207	.107	.032	.187	.098	.029	.151	.080	.024	.117	.063	.019	.085	.046	.014		
5.0	.193	.098	.028	.175	.090	.026	.141	.074	.022	.110	.058	.017	.081	.043	.013		
6.0	.180	.090	.026	.164	.083	.024	.133	.068	.020	.104	.054	.016	.076	.040	.012		
7.0	.169	.084	.024	.154	.077	.022	.125	.063	.018	.098	.050	.015	.072	.038	.011		
8.0	.159	.078	.022	.145	.071	.020	.118	.059	.017	.092	.047	.014	.069	.035	.010		
9.0	.150	.072	.020	.137	.067	.019	.111	.055	.016	.088	.044	.013	.065	.033	.010		
10.0	.142	.068	.019	.129	.062	.017	.105	.052	.015	.083	.041	.012	.062	.031	.009		

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	.656	.656	.656	.561	.561	.561	.383	.383	.383	.220	.220	.220	.070	.070	.070	
1.0	.646	.626	.608	.553	.537	.523	.378	.370	.362	.218	.214	.211	.070	.069	.068	
2.0	.638	.605	.577	.546	.521	.499	.374	.360	.348	.216	.210	.204	.069	.068	.066	
3.0	.630	.589	.556	.540	.508	.482	.371	.353	.338	.214	.206	.199	.069	.067	.065	
4.0	.624	.577	.542	.535	.499	.471	.368	.348	.331	.213	.204	.196	.068	.066	.064	
5.0	.617	.568	.532	.530	.491	.462	.365	.343	.327	.212	.202	.194	.068	.066	.064	
6.0	.611	.561	.524	.525	.486	.457	.362	.340	.323	.210	.200	.192	.068	.065	.063	
7.0	.606	.555	.519	.521	.481	.452	.360	.337	.320	.209	.199	.191	.068	.065	.063	
8.0	.600	.550	.515	.517	.477	.449	.358	.335	.318	.208	.197	.190	.067	.065	.063	
9.0	.595	.545	.511	.513	.473	.446	.355	.333	.317	.207	.196	.189	.067	.064	.063	
10.0	.591	.542	.509	.509	.470	.444	.353	.331	.315	.206	.196	.188	.067	.064	.062	

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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm											
NAME: S00-62050-2400DLG					TYPE:			WEIGHT:			
SPEC.:					DIM.: 1126*96*58			SERIAL No.:			
MFR.: A3813057-02					SUR.:1.122*0.092			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		14.0	14.8	14.9	15.7	17.0	14.0	14.8	15.0	15.8	17.0
3H		14.4	15.1	15.4	16.1	17.4	14.6	15.3	15.6	16.3	17.6
4H		14.5	15.1	15.5	16.1	17.4	14.7	15.4	15.7	16.4	17.7
6H		14.4	15.1	15.5	16.1	17.4	14.7	15.3	15.7	16.3	17.6
8H		14.4	15.0	15.4	16.0	17.3	14.6	15.2	15.7	16.2	17.6
12H		14.3	14.9	15.4	15.9	17.3	14.6	15.1	15.6	16.1	17.5
4H 2H		13.9	14.6	14.9	15.6	16.9	14.0	14.6	15.0	15.6	16.9
3H		14.5	15.1	15.6	16.1	17.4	14.6	15.2	15.7	16.2	17.6
4H		14.6	15.1	15.7	16.1	17.5	14.8	15.3	15.9	16.3	17.7
6H		14.6	15.1	15.7	16.1	17.5	14.8	15.3	15.9	16.3	17.7
8H		14.6	15.0	15.7	16.1	17.5	14.8	15.2	15.9	16.3	17.7
12H		14.6	14.9	15.6	16.0	17.4	14.8	15.1	15.8	16.2	17.6
8H 4H		14.5	14.9	15.5	15.9	17.3	14.7	15.1	15.7	16.1	17.5
6H		14.5	14.8	15.6	15.9	17.4	14.7	15.0	15.8	16.1	17.6
8H		14.5	14.8	15.6	15.9	17.3	14.7	15.0	15.8	16.1	17.5
12H		14.5	14.7	15.6	15.8	17.3	14.7	14.9	15.8	16.0	17.5
12H 4H		14.4	14.7	15.5	15.8	17.2	14.6	14.9	15.6	16.0	17.4
6H		14.4	14.7	15.5	15.8	17.3	14.6	14.9	15.7	16.0	17.5
8H		14.4	14.7	15.6	15.8	17.3	14.6	14.9	15.8	16.0	17.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.9					+ 0.6 / - 0.7				
1.5H		+ 0.4 / - 0.6					+ 0.5 / - 0.8				
2.0H		+ 1.5 / - 1.2					+ 1.6 / - 1.8				

CIE Pub.117, 6575 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.5$)

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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	Shielding Angle:

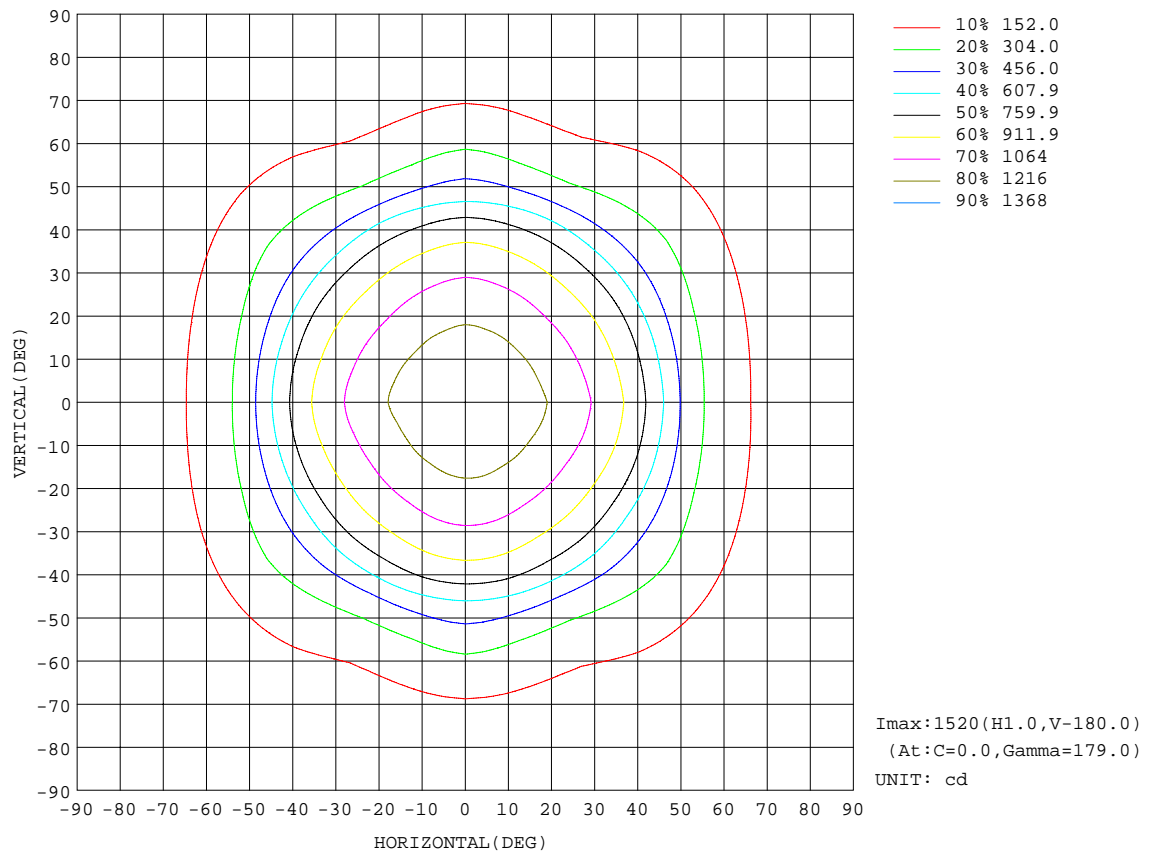
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	35	29	42	33	28	36	30	25	18
0.80	54	44	37	50	41	35	43	36	32	21
1.00	61	51	44	57	48	42	48	42	37	24
1.25	68	58	51	63	54	48	53	47	42	27
1.50	73	63	57	67	59	53	56	50	46	29
2.00	80	71	65	73	66	60	61	56	52	31
2.50	84	76	70	77	70	65	63	59	55	32
3.00	87	80	74	79	74	69	66	62	58	33
4.00	91	85	80	83	78	74	68	65	62	35
5.00	94	89	84	85	81	78	70	67	65	35
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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	Shielding Angle:

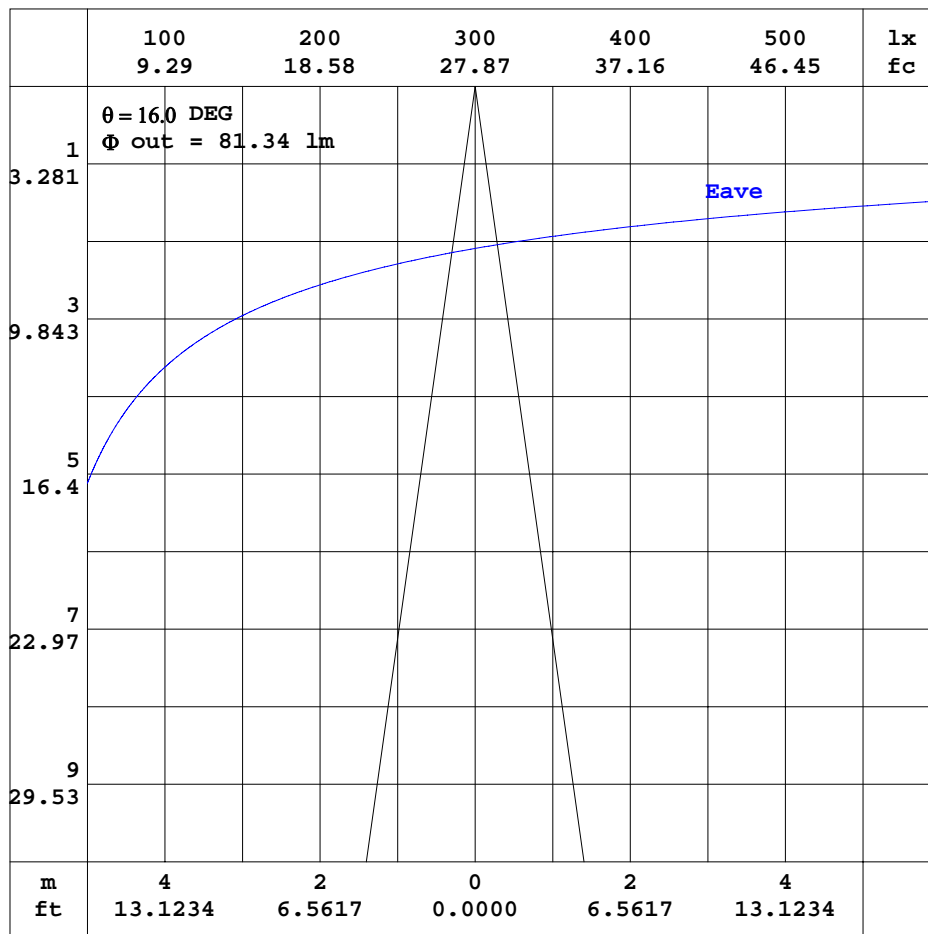


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-03-31

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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	Shielding Angle:



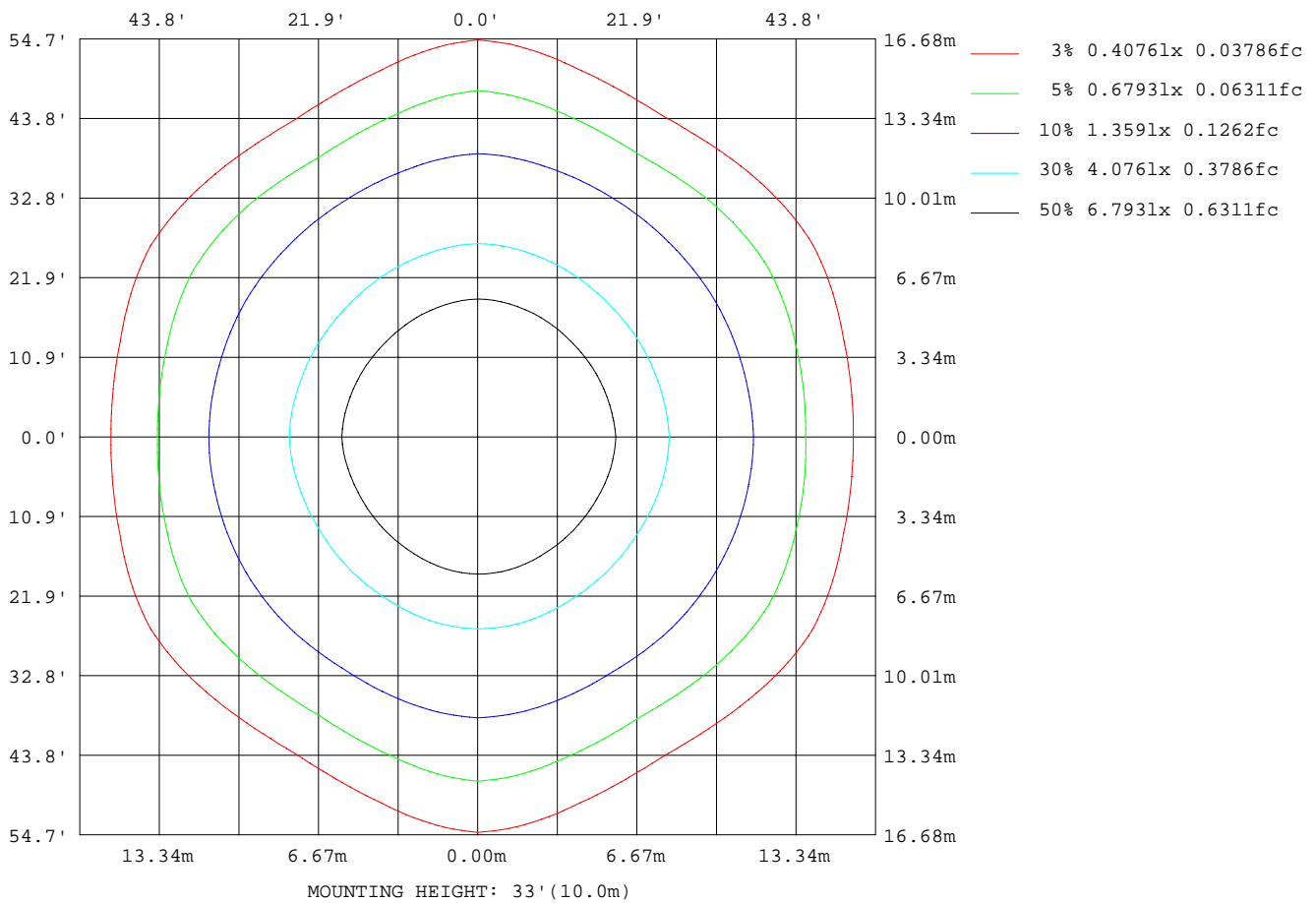
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	Shielding Angle:

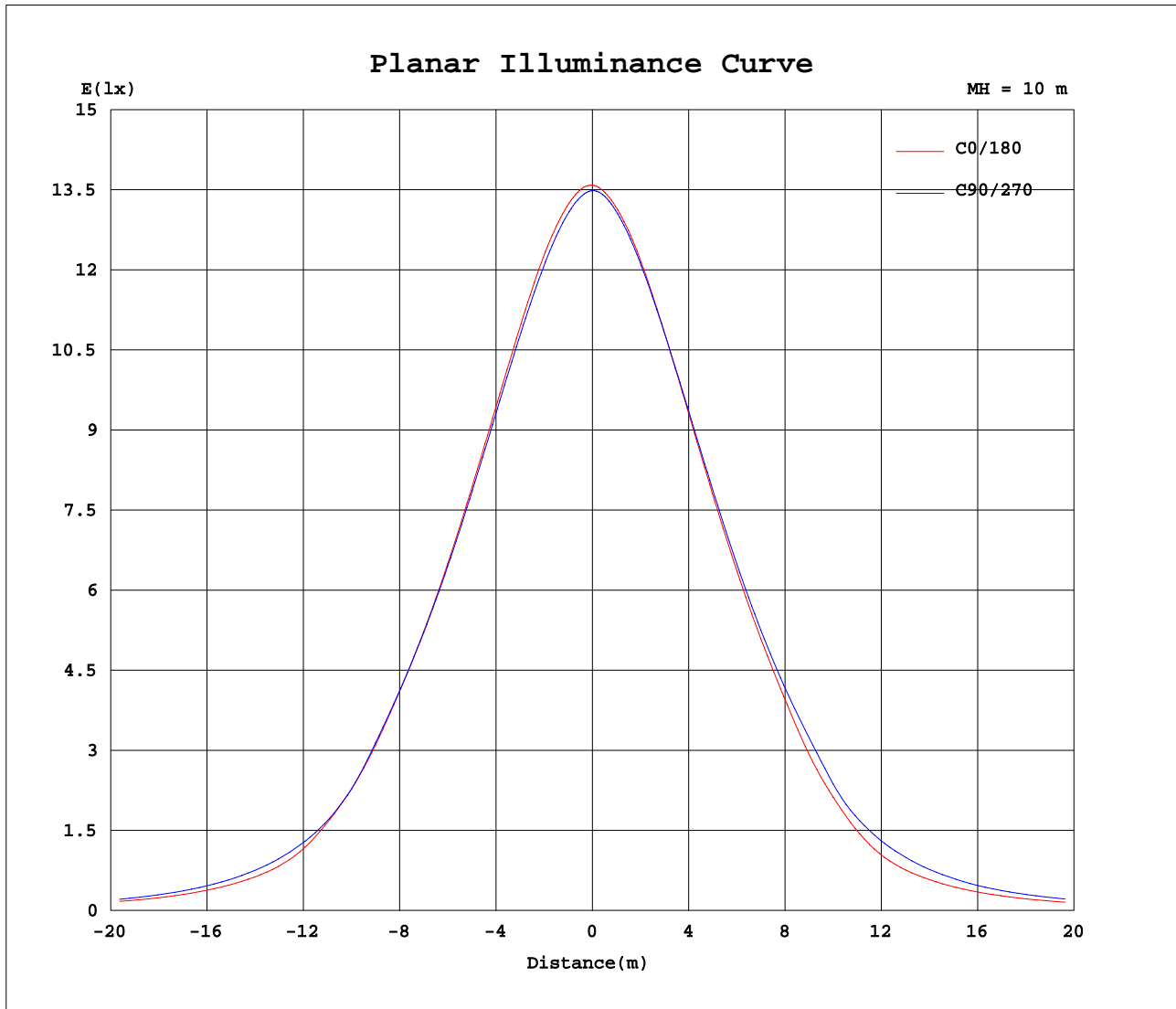
AvgL	cd/m2
L_0~180(65)av	3581
L_0~180(75)av	2045
L_0~180(85)av	1236
L_90~270(65)av	4664
L_90~270(75)av	2663
L_90~270(85)av	1452
L_45(65)av	3668
L_45(75)av	2122
L_45(85)av	1065

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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm		
NAME: S00-62050-2400DLG	TYPE:	WEIGHT:
SPEC.:	DIM.: 1126*96*58	SERIAL No.:
MFR.: A3813057-02	SUR.:1.122*0.092	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1359	1357	1356	1355	1354	1353	1353	1352	1352	1351	1351	1350	1350	1350	1349	1349	1349	1349	1349
5	1346	1345	1343	1342	1341	1339	1338	1337	1337	1336	1335	1334	1333	1333	1333	1333	1332	1331	1330
10	1314	1312	1310	1308	1306	1303	1301	1299	1298	1297	1296	1295	1294	1295	1296	1296	1296	1295	1294
15	1264	1262	1260	1257	1253	1249	1246	1245	1244	1244	1243	1242	1241	1243	1244	1246	1246	1246	1245
20	1203	1200	1196	1192	1187	1183	1179	1177	1176	1176	1176	1177	1178	1180	1183	1185	1187	1187	1187
25	1133	1128	1124	1119	1112	1106	1101	1099	1098	1098	1099	1100	1102	1107	1111	1115	1118	1120	1120
30	1050	1045	1039	1033	1026	1019	1013	1010	1009	1009	1010	1012	1015	1021	1028	1034	1038	1040	1041
35	951	945	939	932	924	916	909	907	906	906	907	909	913	921	930	938	943	947	948
40	824	819	812	806	796	788	780	778	779	781	782	784	788	798	808	818	825	829	829
45	645	640	633	626	615	605	597	597	599	603	605	609	613	622	631	639	643	645	645
50	449	451	452	452	452	452	450	448	444	440	432	425	422	431	443	458	473	485	491
55	312	314	317	322	330	338	343	336	327	316	306	299	296	303	314	329	348	364	373
60	225	228	231	235	241	247	250	245	238	230	220	212	208	215	225	238	254	268	276
65	164	167	170	171	173	174	174	172	169	165	158	151	148	154	163	174	186	195	201
70	115	116	116	116	115	113	111	111	111	110	108	105	105	109	115	122	128	133	136
75	59.5	58.8	58.2	57.7	57.2	56.9	56.9	58.0	59.2	60.3	60.3	60.3	60.4	61.8	63.5	65.2	66.8	67.9	68.2
80	32.9	32.4	31.8	30.9	29.7	28.3	27.0	26.0	25.2	24.8	25.2	26.1	27.3	29.1	31.0	32.8	34.1	34.9	35.1
85	13.7	13.4	13.1	12.7	12.2	11.7	11.2	10.8	10.4	10.2	10.3	10.5	10.7	10.8	11.0	11.2	11.7	12.0	12.2
90	2.04	1.97	1.92	1.91	1.95	2.00	2.01	1.86	1.70	1.56	1.65	1.74	1.77	1.50	1.18	0.88	0.80	0.78	0.81
95	10.1	10.4	10.6	10.7	10.8	10.8	10.9	11.1	11.3	11.5	11.7	11.7	11.5	9.95	8.95	9.36	15.8	22.5	27.2
100	17.9	18.0	18.1	18.1	18.0	17.8	17.6	17.2	16.7	16.4	12.0	10.9	16.3	44.0	75.4	104	113	115	113
105	21.6	21.5	21.5	21.4	20.9	20.7	21.0	15.7	16.1	27.1	71.8	123	173	196	212	222	234	243	247
110	30.2	28.4	29.3	32.8	34.5	42.3	59.7	98.1	147	204	276	344	398	401	390	375	384	395	405
115	134	126	135	159	204	262	329	412	491	555	570	568	556	547	539	535	546	559	570
120	518	523	539	564	610	658	700	713	715	711	710	706	702	695	690	688	698	709	719
125	831	830	830	831	836	841	846	847	848	847	846	844	842	837	833	831	839	848	855
130	961	959	959	959	961	964	967	966	965	964	965	967	968	965	962	961	967	973	978
135	1078	1075	1073	1072	1072	1073	1074	1074	1073	1074	1076	1079	1081	1079	1077	1076	1079	1083	1086
140	1177	1174	1171	1169	1168	1168	1168	1171	1174	1177	1178	1178	1178	1177	1176	1175	1177	1179	1180
145	1263	1259	1257	1255	1255	1255	1257	1258	1259	1261	1261	1261	1261	1261	1260	1260	1260	1261	1261
150	1337	1333	1329	1328	1329	1330	1332	1332	1331	1330	1331	1331	1332	1331	1330	1330	1330	1330	1329
155	1397	1392	1388	1386	1387	1388	1389	1389	1388	1388	1389	1389	1390	1389	1388	1387	1387	1386	1386
160	1443	1438	1434	1432	1432	1433	1435	1434	1434	1434	1434	1435	1435	1435	1434	1433	1432	1432	1432
165	1479	1474	1470	1467	1467	1468	1470	1470	1470	1470	1470	1470	1470	1469	1469	1468	1467	1467	1467
170	1505	1499	1495	1493	1492	1493	1495	1495	1494	1494	1494	1494	1494	1494	1493	1493	1493	1493	1493
175	1518	1512	1508	1505	1505	1505	1506	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1508
180	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520

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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm																		
NAME: S00-62050-2400DLG									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1126*96*58					SERIAL No.:				
MFR.: A3813057-02									SUR.:1.122*0.092					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	1348	1348	1348	1348	1348	1347	1347	1347	1347	1347	1347	1347	1346	1346	1347	1351	1355	1359	1358
5	1330	1330	1330	1329	1328	1327	1327	1327	1327	1327	1327	1327	1326	1327	1328	1332	1337	1340	1340
10	1293	1292	1291	1290	1288	1286	1286	1286	1286	1286	1286	1286	1287	1288	1291	1296	1301	1305	1304
15	1244	1242	1240	1237	1235	1232	1231	1231	1231	1230	1229	1229	1230	1232	1235	1241	1247	1251	1250
20	1185	1182	1179	1175	1171	1167	1165	1163	1161	1160	1159	1160	1162	1165	1169	1177	1183	1188	1186
25	1117	1114	1109	1102	1096	1090	1086	1083	1081	1080	1079	1080	1083	1088	1093	1102	1110	1115	1112
30	1038	1033	1026	1018	1010	1002	996	993	990	988	988	989	993	998	1005	1014	1023	1028	1024
35	944	938	930	919	908	898	892	888	885	883	882	882	887	893	900	911	920	926	921
40	825	818	808	795	782	770	763	758	754	750	746	746	750	756	764	773	781	786	782
45	642	636	629	617	604	592	583	576	571	565	560	558	562	567	575	585	595	601	597
50	482	467	449	431	416	404	405	410	417	421	423	425	423	420	416	411	406	403	405
55	361	342	321	305	292	284	285	291	299	308	316	321	315	306	296	290	287	285	286
60	266	250	232	218	206	199	202	208	217	223	228	231	228	222	216	211	207	205	207
65	194	182	169	157	148	141	143	147	153	156	157	158	158	157	155	152	150	149	150
70	132	125	117	110	103	98.1	97.6	98.5	99.8	99.0	98.1	97.4	98.0	98.8	99.6	99.7	99.6	99.5	99.6
75	66.7	64.4	61.7	58.9	56.3	54.0	52.8	51.9	51.0	48.9	46.9	45.3	45.6	46.4	47.5	48.5	49.2	49.7	49.2
80	34.2	32.7	30.7	28.4	26.0	23.8	22.3	21.2	20.5	20.4	20.6	21.1	21.8	22.7	23.5	24.1	24.6	24.8	24.6
85	11.8	11.2	10.4	9.59	8.81	8.12	7.74	7.49	7.36	7.26	7.23	7.30	7.52	7.79	8.07	8.29	8.46	8.56	8.51
90	0.80	0.81	0.84	0.95	1.08	1.20	1.28	1.35	2.56	1.41	1.42	1.42	1.41	1.41	1.42	1.48	1.56	1.62	1.64
95	22.6	16.1	9.71	9.33	10.3	11.7	11.3	10.8	10.2	9.98	9.87	9.84	9.86	9.91	9.98	10.0	10.1	10.1	10.00
100	114	110	99.8	72.1	42.2	16.0	11.0	12.3	16.8	17.2	17.6	17.9	18.0	17.9	17.9	17.9	18.0	18.0	18.1
105	245	237	224	202	174	142	99.9	59.2	25.5	16.9	16.8	21.3	21.1	21.4	21.8	22.0	22.2	22.4	22.3
110	403	397	388	384	373	350	296	234	171	123	83.5	52.8	37.9	30.9	29.1	27.0	26.6	27.3	26.7
115	567	559	548	532	517	505	514	519	508	442	362	280	222	174	137	118	110	109	108
120	717	711	701	687	673	662	662	665	669	672	669	656	612	561	511	477	455	444	450
125	854	849	842	831	820	810	808	808	808	808	808	806	802	798	793	790	787	784	781
130	976	973	967	960	952	944	938	933	930	931	934	936	934	931	928	927	927	925	921
135	1085	1082	1078	1073	1068	1063	1059	1056	1053	1053	1053	1052	1050	1046	1043	1043	1042	1041	1036
140	1179	1177	1174	1171	1168	1165	1162	1159	1157	1153	1150	1147	1147	1146	1146	1146	1146	1144	1140
145	1261	1259	1258	1256	1254	1252	1249	1245	1242	1240	1239	1238	1238	1237	1237	1237	1237	1235	1229
150	1329	1328	1328	1327	1326	1325	1322	1319	1317	1317	1318	1318	1317	1316	1315	1315	1315	1314	1310
155	1386	1386	1385	1385	1385	1385	1383	1381	1380	1380	1380	1380	1380	1379	1378	1378	1378	1377	1373
160	1432	1431	1431	1432	1432	1432	1431	1430	1429	1429	1429	1429	1429	1428	1428	1428	1429	1428	1424
165	1467	1467	1467	1468	1468	1469	1468	1468	1467	1467	1467	1467	1467	1467	1467	1467	1468	1467	1463
170	1493	1493	1493	1494	1494	1495	1495	1495	1494	1495	1495	1495	1495	1495	1495	1496	1497	1496	1492
175	1508	1508	1508	1509	1509	1510	1510	1510	1510	1511	1511	1512	1512	1512	1513	1514	1514	1514	1509
180	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520

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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm																		
NAME: S00-62050-2400DLG									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1126*96*58					SERIAL No.:				
MFR.: A3813057-02									SUR.:1.122*0.092					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	1357	1355	1354	1353	1353	1352	1352	1351	1351	1350	1350	1350	1349	1349	1349	1349	1349	1348	1348
5	1338	1336	1336	1335	1335	1334	1333	1332	1332	1332	1332	1332	1332	1332	1332	1333	1333	1333	1333
10	1301	1298	1297	1296	1295	1293	1292	1291	1291	1291	1292	1292	1292	1293	1293	1295	1296	1297	1296
15	1247	1243	1241	1239	1238	1236	1235	1234	1235	1237	1238	1239	1241	1242	1245	1247	1249	1248	1247
20	1181	1176	1173	1170	1168	1166	1165	1165	1167	1170	1173	1176	1179	1181	1185	1189	1192	1191	1188
25	1106	1099	1095	1092	1089	1086	1085	1084	1087	1092	1097	1101	1106	1111	1116	1121	1125	1123	1120
30	1018	1010	1005	1001	998	995	993	993	997	1002	1008	1015	1021	1028	1036	1042	1046	1044	1040
35	914	905	900	896	893	890	888	888	893	899	907	915	923	932	942	950	955	952	947
40	775	768	765	762	761	759	759	761	767	775	785	794	804	815	827	837	844	840	833
45	590	582	577	574	571	570	571	575	586	599	613	624	635	645	656	665	671	669	665
50	409	413	418	422	425	425	424	422	419	416	417	428	443	459	477	493	503	497	485
55	289	294	304	313	319	316	310	302	294	288	286	294	307	324	347	367	381	371	353
60	210	215	222	228	233	230	224	217	209	203	200	207	218	231	251	268	279	271	256
65	152	155	158	161	163	161	158	155	149	144	142	148	157	169	184	197	206	199	187
70	99.8	100	101	101	102	102	102	102	101	100	101	106	113	120	129	137	142	139	132
75	48.4	47.7	47.3	47.4	47.9	49.3	51.1	53.1	54.7	56.3	58.1	60.2	62.6	65.1	68.7	71.8	74.1	73.2	71.3
80	24.2	23.7	23.2	22.7	22.2	21.6	21.3	21.3	22.3	23.7	25.5	27.7	30.0	32.3	34.7	36.7	38.0	37.7	36.7
85	8.41	8.28	8.20	8.13	8.06	7.90	7.81	7.84	8.17	8.67	9.30	10.1	10.9	11.7	12.6	13.3	13.9	14.1	14.1
90	1.64	1.65	1.70	1.75	2.29	1.74	1.68	1.62	1.59	1.58	1.57	1.57	1.57	1.55	1.41	1.30	1.29	1.59	1.98
95	9.89	9.77	9.66	9.56	9.49	9.50	9.57	9.70	10.1	10.5	10.6	9.42	8.46	8.27	11.7	15.4	18.0	15.4	11.7
100	18.0	18.0	17.9	17.8	17.5	17.2	16.7	16.2	12.4	10.9	14.4	34.4	57.3	78.9	87.2	91.0	91.7	95.3	95.1
105	22.1	21.9	21.4	21.1	20.9	16.9	16.6	23.5	51.5	85.4	121	147	170	189	203	213	218	219	214
110	27.0	28.6	29.1	34.1	46.3	73.1	109	154	218	281	333	342	338	331	342	356	367	371	371
115	115	131	162	203	256	331	407	471	491	497	493	490	487	486	499	514	527	531	531
120	468	495	535	577	614	631	640	643	645	644	643	639	638	639	650	663	676	683	685
125	778	775	772	770	770	778	786	792	788	783	778	779	782	787	796	805	814	820	823
130	916	911	911	912	913	916	919	920	917	914	912	913	916	920	926	932	938	943	946
135	1030	1026	1026	1027	1028	1028	1027	1027	1028	1030	1031	1033	1036	1038	1042	1046	1050	1054	1057
140	1134	1130	1127	1127	1127	1131	1135	1138	1138	1136	1135	1137	1139	1142	1144	1146	1148	1151	1155
145	1222	1216	1215	1217	1219	1222	1224	1226	1226	1225	1225	1226	1229	1231	1231	1232	1233	1236	1239
150	1306	1301	1298	1296	1295	1297	1299	1302	1302	1301	1301	1302	1304	1306	1306	1306	1306	1309	1312
155	1369	1364	1362	1361	1361	1362	1363	1364	1364	1364	1364	1365	1366	1367	1367	1367	1367	1369	1372
160	1419	1415	1413	1413	1413	1414	1414	1415	1415	1415	1415	1415	1416	1417	1416	1416	1416	1418	1420
165	1458	1453	1452	1452	1453	1453	1453	1454	1454	1453	1453	1454	1454	1454	1454	1454	1454	1456	1458
170	1487	1482	1481	1481	1482	1482	1482	1483	1482	1482	1482	1482	1482	1483	1483	1483	1483	1484	1485
175	1505	1500	1500	1500	1500	1501	1501	1501	1501	1501	1501	1501	1501	1502	1502	1502	1503	1503	1504
180	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520

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:229.66V I:0.2671A P:59.991W PF:0.9780 Freq:49.99Hz Lamp Flux:6574.54x1 lm																	
NAME: S00-62050-2400DLG									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1126*96*58						SERIAL No.:		
MFR.: A3813057-02									SUR.:1.122*0.092						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	1348	1348	1348	1347	1347	1347	1347	1347	1347	1347	1346	1346	1347	1350	1353				
5	1332	1333	1333	1334	1334	1333	1333	1333	1334	1334	1334	1334	1335	1337	1341				
10	1296	1295	1295	1295	1295	1294	1294	1295	1296	1298	1298	1299	1301	1304	1308				
15	1245	1244	1244	1243	1242	1241	1241	1242	1243	1245	1246	1247	1249	1253	1258				
20	1185	1184	1182	1180	1178	1175	1173	1174	1176	1178	1180	1182	1185	1190	1196				
25	1116	1112	1109	1106	1101	1098	1095	1096	1098	1101	1104	1107	1112	1118	1125				
30	1034	1029	1024	1019	1014	1009	1007	1007	1010	1013	1017	1021	1026	1033	1041				
35	939	932	926	919	913	908	905	906	908	912	916	920	926	933	941				
40	823	816	808	800	793	787	782	782	784	788	791	795	801	807	815				
45	657	650	642	633	623	613	606	605	606	609	614	619	625	631	638				
50	471	459	448	440	439	440	443	446	449	451	450	449	448	448	448				
55	333	318	306	299	303	312	322	331	339	343	337	330	321	317	313				
60	238	226	217	211	215	222	232	241	248	253	249	242	234	230	227				
65	174	163	155	150	153	160	167	172	176	178	177	174	171	169	166				
70	124	117	112	108	109	111	113	114	115	116	116	116	116	116	115				
75	69.0	67.6	66.3	65.2	64.1	63.2	62.4	61.8	61.3	60.7	59.8	59.0	58.4	58.4	58.8				
80	35.1	33.2	31.3	29.5	28.3	27.5	27.1	27.5	28.3	29.3	30.2	31.1	31.8	32.4	32.7				
85	14.0	13.7	13.3	13.0	12.9	12.9	12.9	12.9	12.9	13.0	13.2	13.4	13.6	13.6	13.7				
90	2.40	2.70	2.95	3.17	3.35	3.48	3.54	3.48	3.37	3.22	3.10	2.96	2.79	2.58	2.32				
95	8.28	8.49	9.53	10.9	11.2	11.3	11.2	11.0	10.7	10.4	10.3	10.4	10.4	10.3	10.2				
100	89.1	65.1	38.7	15.1	10.8	12.0	16.0	16.4	16.8	17.2	17.5	17.8	18.0	18.1	18.1				
105	204	187	165	138	98.5	59.9	27.2	18.3	17.4	20.9	20.7	21.0	21.5	21.6	21.6				
110	368	366	357	339	297	248	194	143	96.7	58.8	42.8	35.8	34.4	30.8	29.4				
115	525	508	490	477	495	510	511	459	392	319	260	209	168	144	132				
120	683	669	653	641	645	653	663	673	678	674	646	612	576	552	533				
125	822	812	800	790	791	796	802	805	809	812	817	821	826	829	830				
130	947	943	937	933	933	936	939	940	941	943	945	947	950	953	957				
135	1059	1058	1055	1052	1049	1047	1046	1052	1059	1066	1068	1069	1070	1072	1075				
140	1157	1157	1156	1155	1155	1156	1158	1161	1164	1166	1166	1165	1165	1167	1171				
145	1242	1243	1243	1243	1244	1246	1249	1251	1253	1254	1252	1250	1249	1251	1256				
150	1315	1315	1316	1317	1318	1320	1322	1323	1323	1324	1327	1331	1334	1335	1337				
155	1374	1376	1377	1377	1379	1381	1383	1384	1385	1387	1389	1391	1393	1395	1396				
160	1422	1424	1425	1426	1428	1430	1431	1432	1433	1435	1436	1438	1440	1441	1442				
165	1459	1461	1462	1464	1465	1467	1468	1469	1471	1472	1473	1475	1476	1477	1478				
170	1487	1488	1489	1490	1492	1493	1495	1496	1497	1498	1500	1501	1502	1503	1504				
175	1505	1506	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515	1516	1517	1517				
180	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520	1520				

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: