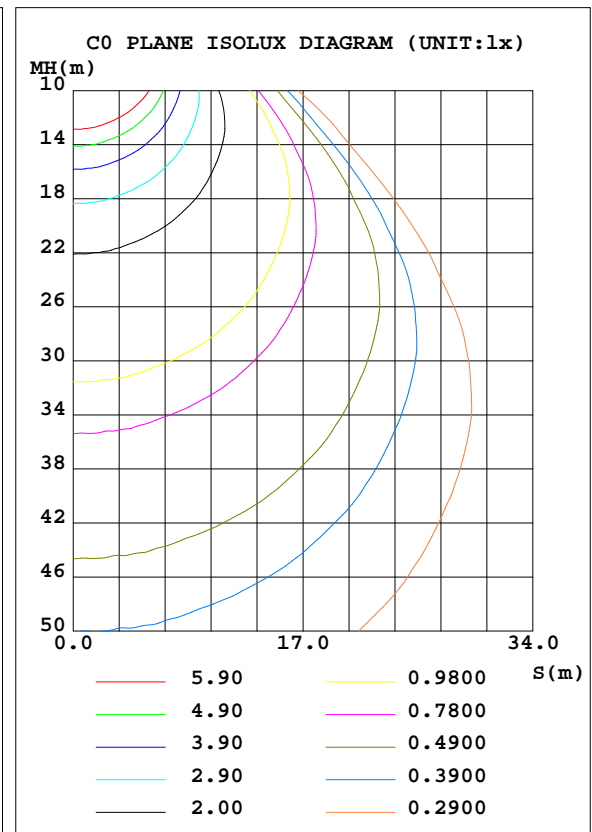
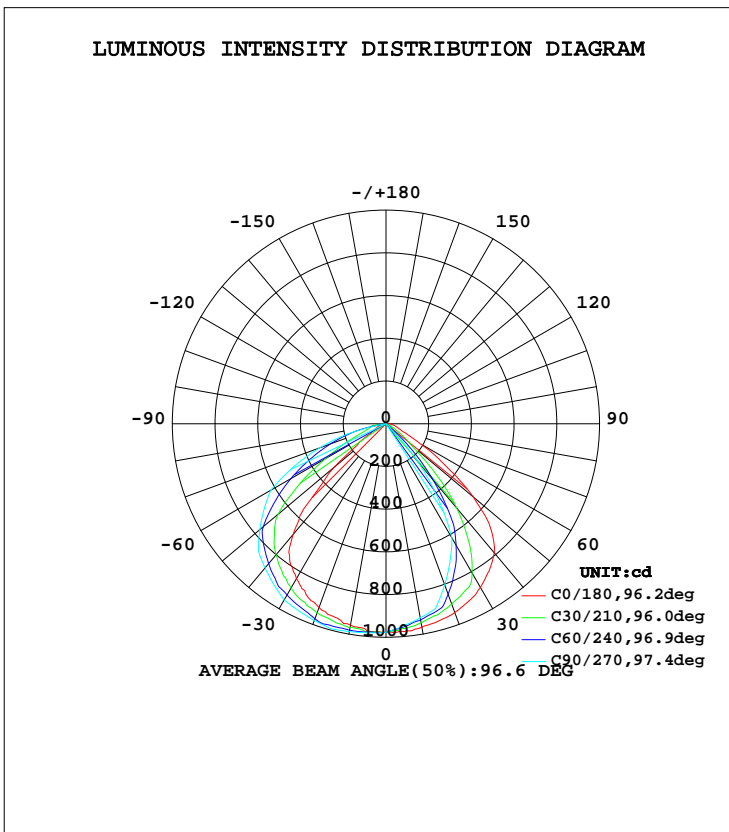


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.74 lm/W			
MODEL	ASD-LSR3-25AC	I _{max} (cd)	993.5	S/MH(C0/180)	1.27
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	1.44
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2135.4	η UP, DN(C0-180)	0.0,31.1
NOMINAL FLUX(lm)	2135.36	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,68.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	977.1	957.3	949.7	956.7	975.0	978.4	982.3	979.2	0- 5	23.23	23.23	1.09,1.09
10	967.2	940.0	922.7	930.0	957.0	972.5	987.9	982.0	5- 10	68.84	92.07	4.31,4.31
15	955.2	913.9	895.8	900.7	936.6	969.2	993.5	978.6	10- 15	112.6	204.7	9.59,9.59
20	940.6	891.3	803.0	869.2	915.9	960.1	980.0	976.3	15- 20	153.0	357.7	16.8,16.8
25	916.5	807.1	710.2	760.8	883.7	936.8	966.5	957.7	20- 25	186.7	544.4	25.5,25.5
30	884.7	697.8	617.5	606.7	838.2	904.1	953.0	934.0	25- 30	212.2	756.6	35.4,35.4
35	841.4	564.0	423.1	432.1	785.5	873.4	917.0	907.1	30- 35	225.7	982.4	46,46
40	788.3	398.6	228.8	231.8	676.9	837.7	880.9	871.8	35- 40	223.4	1206	56.5,56.5
45	693.1	248.2	34.47	129.3	491.3	777.0	844.9	816.4	40- 45	207.2	1413	66.2,66.2
50	534.6	126.5	23.08	62.32	316.8	702.9	770.8	756.1	45- 50	182.2	1595	74.7,74.7
55	335.4	31.44	11.69	20.82	152.3	621.7	696.7	681.8	50- 55	156.5	1752	82,82
60	181.3	20.12	0.2989	12.66	74.37	463.4	622.7	558.7	55- 60	128.8	1880	88.1,88.1
65	87.14	8.939	0.3131	4.689	54.18	307.2	476.7	427.7	60- 65	99.98	1980	92.7,92.7
70	63.31	2.292	0.3273	0.2951	40.68	192.3	330.6	298.2	65- 70	72.05	2052	96.1,96.1
75	47.60	1.317	0.3415	0.3197	28.69	133.3	184.6	197.1	70- 75	48.55	2101	98.4,98.4
80	34.77	0.2733	0	0.2733	15.89	76.19	0	94.90	75- 80	26.45	2127	99.6,99.6
85	21.79	0	0	0	4.075	0	0	0	80- 85	6.986	2134	100,100
90	7.171	0	0	0	0.2180	0	0	0	85- 90	0.9152	2135	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

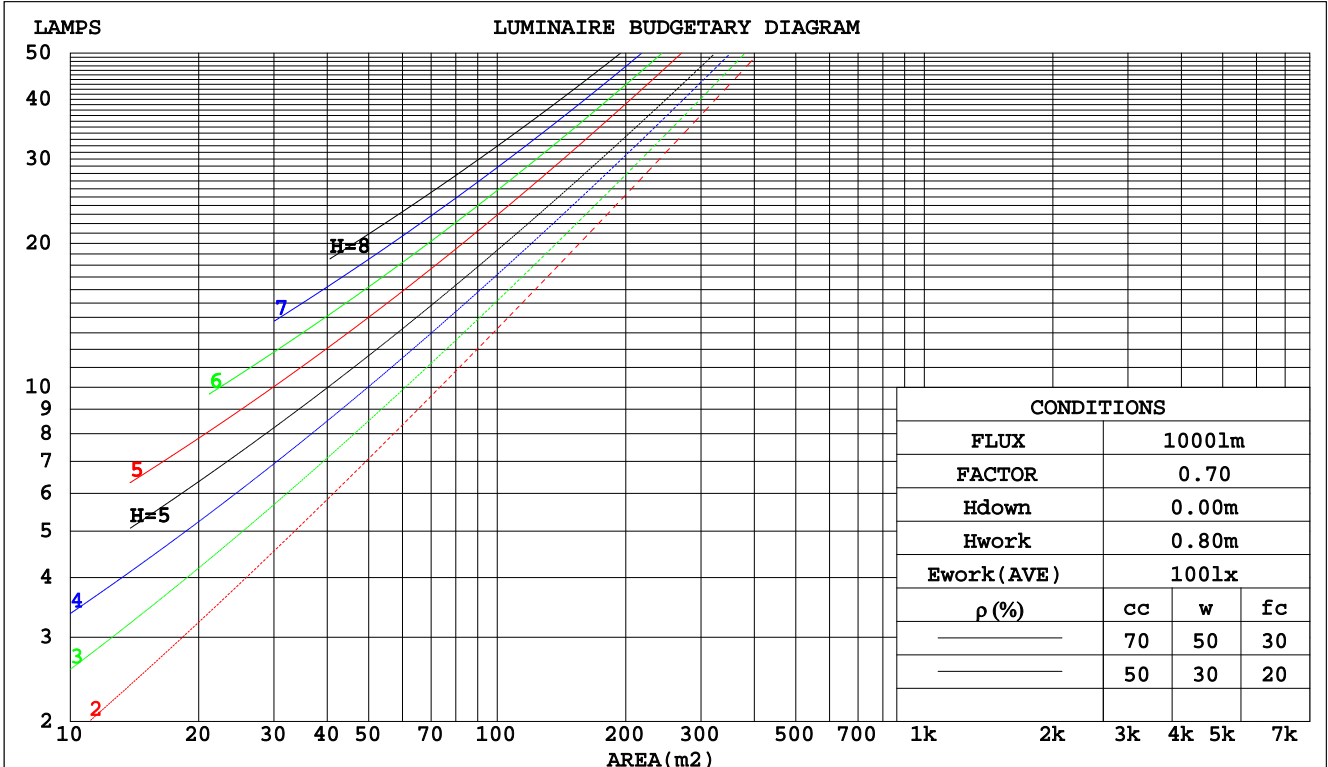
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.07	1.03	.00	1.04	1.01	.98	1.00	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.85	.77	.72	.83	.76	.71	.80	.74	.70	.77	.73	.69	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.67	.61	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.68	.60	.54	.67	.60	.54	.65	.59	.53	.63	.58	.53	.62	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.60	.53	.47	.58	.52	.47	.56	.51	.47	.45
7.0	.57	.49	.43	.56	.48	.43	.54	.48	.42	.53	.47	.42	.52	.46	.42	.40
8.0	.52	.44	.39	.51	.44	.39	.50	.43	.38	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.44	.39	.34	.33
10.0	.44	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.32	.41	.36	.32	.30



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.259	.147	.047	.252	.144	.046	.239	.137	.044	.227	.131	.042	.216	.125	.040	
2.0	.251	.137	.042	.245	.135	.042	.233	.130	.040	.223	.125	.039	.213	.121	.038	
3.0	.237	.126	.038	.232	.124	.037	.222	.120	.037	.213	.116	.036	.204	.113	.035	
4.0	.222	.116	.034	.218	.114	.034	.209	.111	.033	.201	.108	.033	.193	.105	.032	
5.0	.208	.106	.031	.204	.105	.031	.196	.102	.030	.189	.100	.030	.182	.097	.029	
6.0	.195	.098	.028	.192	.097	.028	.185	.095	.028	.178	.093	.027	.172	.091	.027	
7.0	.183	.091	.026	.180	.090	.026	.174	.088	.025	.168	.086	.025	.163	.085	.025	
8.0	.173	.084	.024	.170	.084	.024	.164	.082	.023	.159	.081	.023	.154	.079	.023	
9.0	.163	.079	.022	.160	.078	.022	.155	.077	.022	.151	.075	.022	.146	.074	.021	
10.0	.154	.074	.021	.152	.073	.020	.147	.072	.020	.143	.071	.020	.139	.070	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.177	.157	.138	.151	.134	.119	.103	.092	.082	.060	.054	.048	.019	.017	.015	
2.0	.167	.132	.103	.143	.114	.089	.098	.079	.062	.056	.046	.036	.018	.015	.012	
3.0	.158	.114	.079	.136	.098	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.150	.100	.062	.129	.087	.054	.089	.060	.038	.051	.035	.023	.017	.012	.007	
5.0	.143	.090	.050	.123	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.136	.081	.042	.117	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.130	.074	.035	.111	.064	.031	.077	.045	.022	.045	.027	.013	.014	.009	.004	
8.0	.124	.068	.030	.106	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.118	.063	.027	.102	.055	.023	.070	.039	.016	.041	.023	.010	.013	.007	.003	
10.0	.113	.059	.023	.097	.051	.020	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm										
NAME: ASD-LSR3-25AC 3CCT 3000K					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:		
MFR.: HLE					SUR.:			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	23.7	25.1	23.9	25.3	25.5	17.2	18.6	17.5	18.8	19.0
3H	23.8	25.1	24.1	25.3	25.5	17.0	18.2	17.3	18.5	18.7
4H	23.9	25.1	24.2	25.3	25.6	16.9	18.1	17.2	18.3	18.6
6H	24.0	25.1	24.3	25.4	25.7	16.8	17.9	17.1	18.2	18.4
8H	24.1	25.2	24.4	25.5	25.7	16.7	17.8	17.1	18.1	18.4
12H	24.2	25.2	24.5	25.5	25.8	16.7	17.7	17.0	18.0	18.3
4H 2H	23.4	24.6	23.7	24.8	25.1	17.0	18.2	17.3	18.5	18.7
3H	23.5	24.5	23.9	24.8	25.1	16.8	17.9	17.2	18.1	18.4
4H	23.6	24.6	24.0	24.9	25.2	16.7	17.7	17.1	18.0	18.3
6H	23.8	24.6	24.2	25.0	25.3	16.6	17.5	17.0	17.8	18.2
8H	23.9	24.7	24.3	25.0	25.4	16.6	17.4	17.0	17.7	18.1
12H	24.0	24.7	24.4	25.1	25.5	16.5	17.2	17.0	17.6	18.0
8H 4H	23.5	24.3	23.9	24.6	25.0	16.6	17.4	17.0	17.7	18.1
6H	23.7	24.3	24.1	24.7	25.1	16.5	17.2	17.0	17.6	18.0
8H	23.8	24.3	24.2	24.8	25.2	16.5	17.0	16.9	17.5	17.9
12H	23.9	24.4	24.4	24.8	25.3	16.4	16.9	16.9	17.4	17.8
12H 4H	23.4	24.1	23.9	24.5	24.9	16.6	17.3	17.0	17.7	18.1
6H	23.6	24.2	24.1	24.6	25.0	16.5	17.0	16.9	17.5	17.9
8H	23.7	24.2	24.2	24.7	25.1	16.4	16.9	16.9	17.4	17.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.8 / - 3.1					+ 2.6 / -13.5				
1.5H	+ 3.1 / - 5.1					+ 4.3 / - 9.2				
2.0H	+ 5.5 / - 7.0					+ 3.5 / -10.6				

CIE Pub.117 Corrected 2135 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.6)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	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	64	54	48	64	54	47	62	53	47	42
0.80	74	64	58	73	64	57	72	63	57	51
1.00	82	73	66	81	72	66	79	73	66	59
1.25	89	80	74	88	79	74	85	78	73	66
1.50	94	85	79	92	84	79	89	83	78	71
2.00	99	92	87	98	91	86	94	89	85	78
2.50	103	96	91	101	95	90	97	92	88	81
3.00	106	100	95	103	98	94	100	95	92	84
4.00	109	104	100	107	102	99	103	99	96	88
5.00	111	107	104	108	105	102	104	101	99	90
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: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

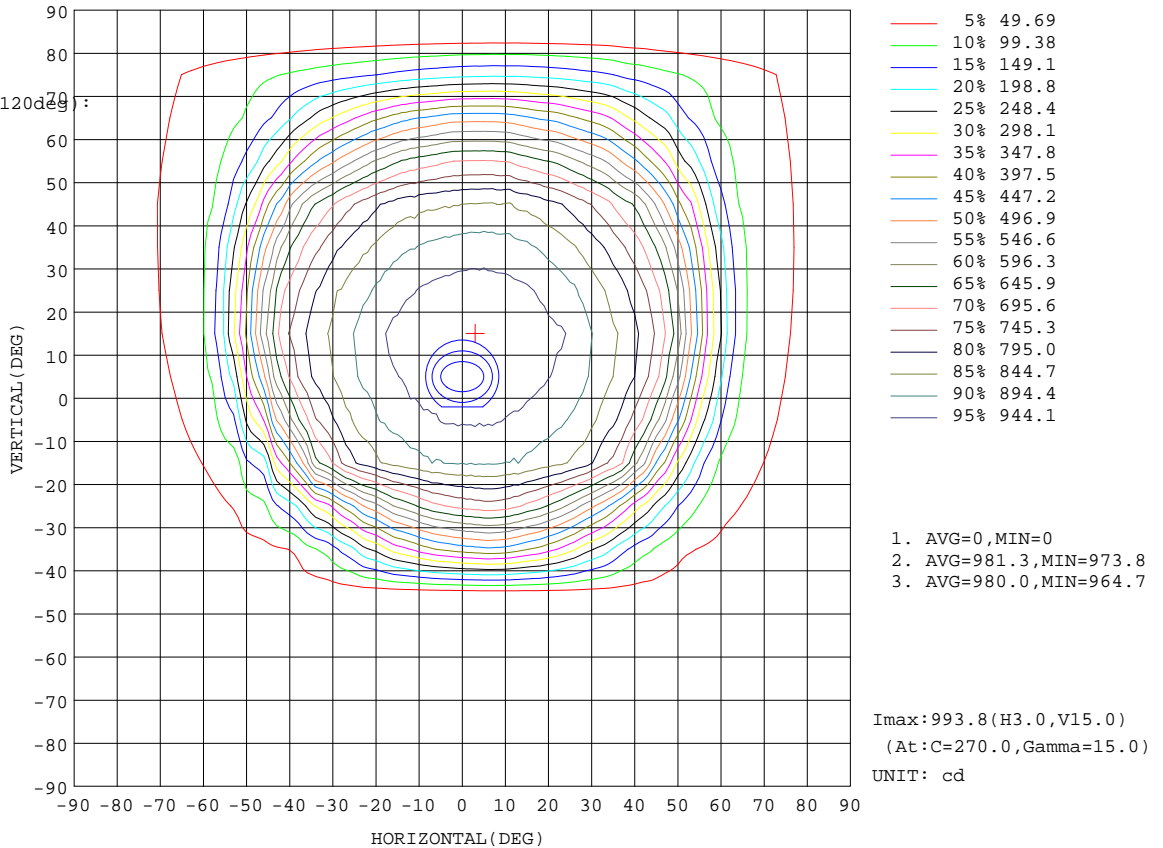
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

Conical surface Flux(90deg):
 1413 lm
 %lum = 66.2%
 %lamp = 66.2%

Conical surface Flux(120deg):
 1880.4 lm
 %lum = 88.1%
 %lamp = 88.1%

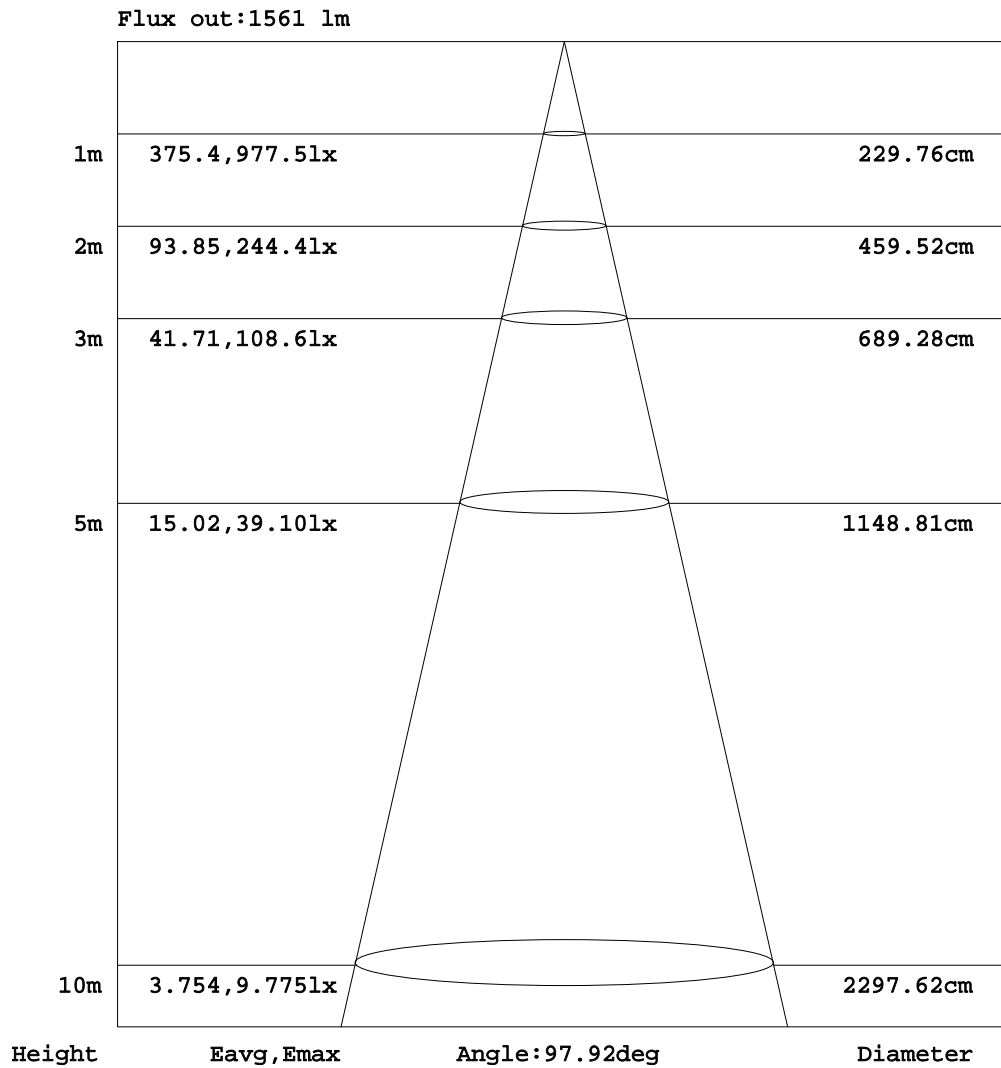


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:



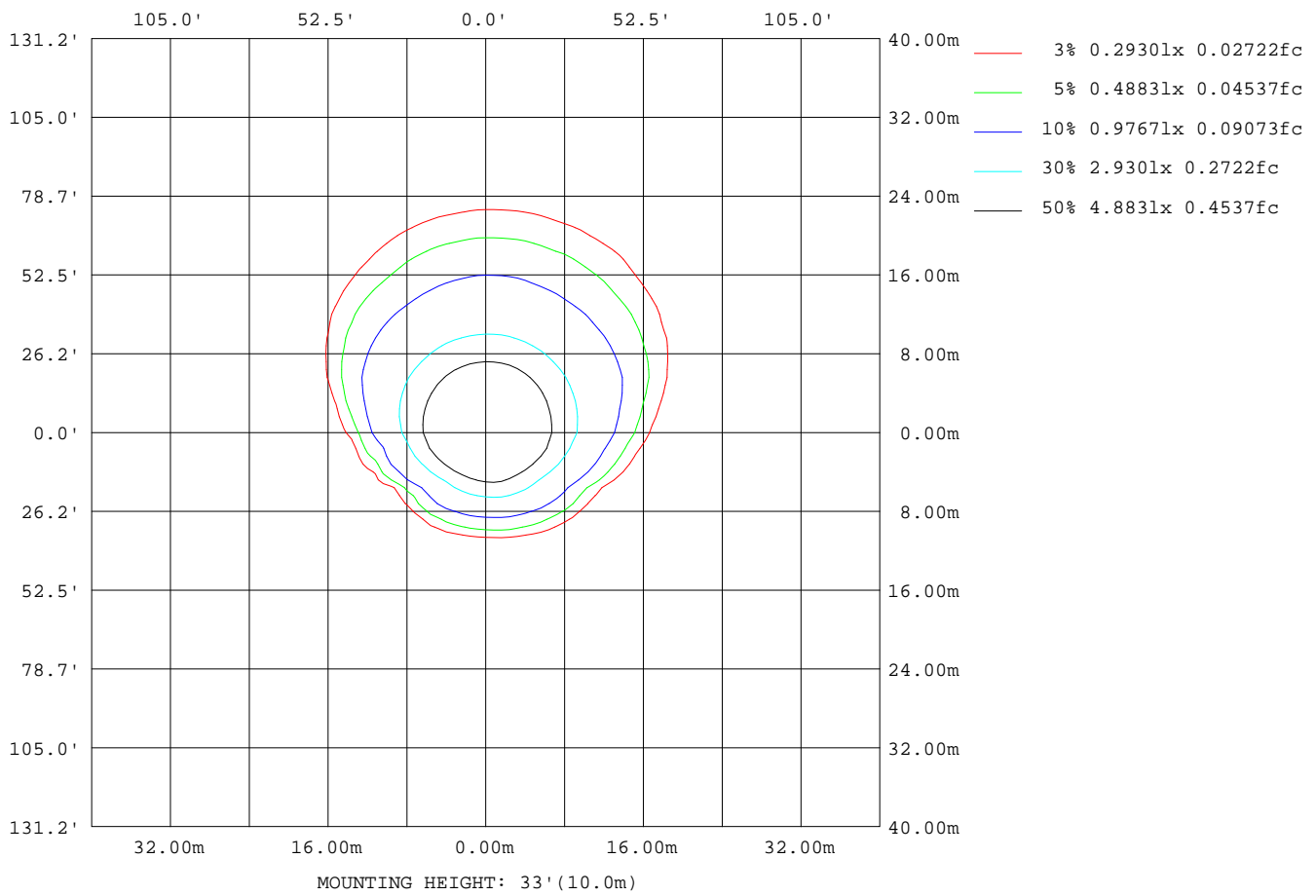
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

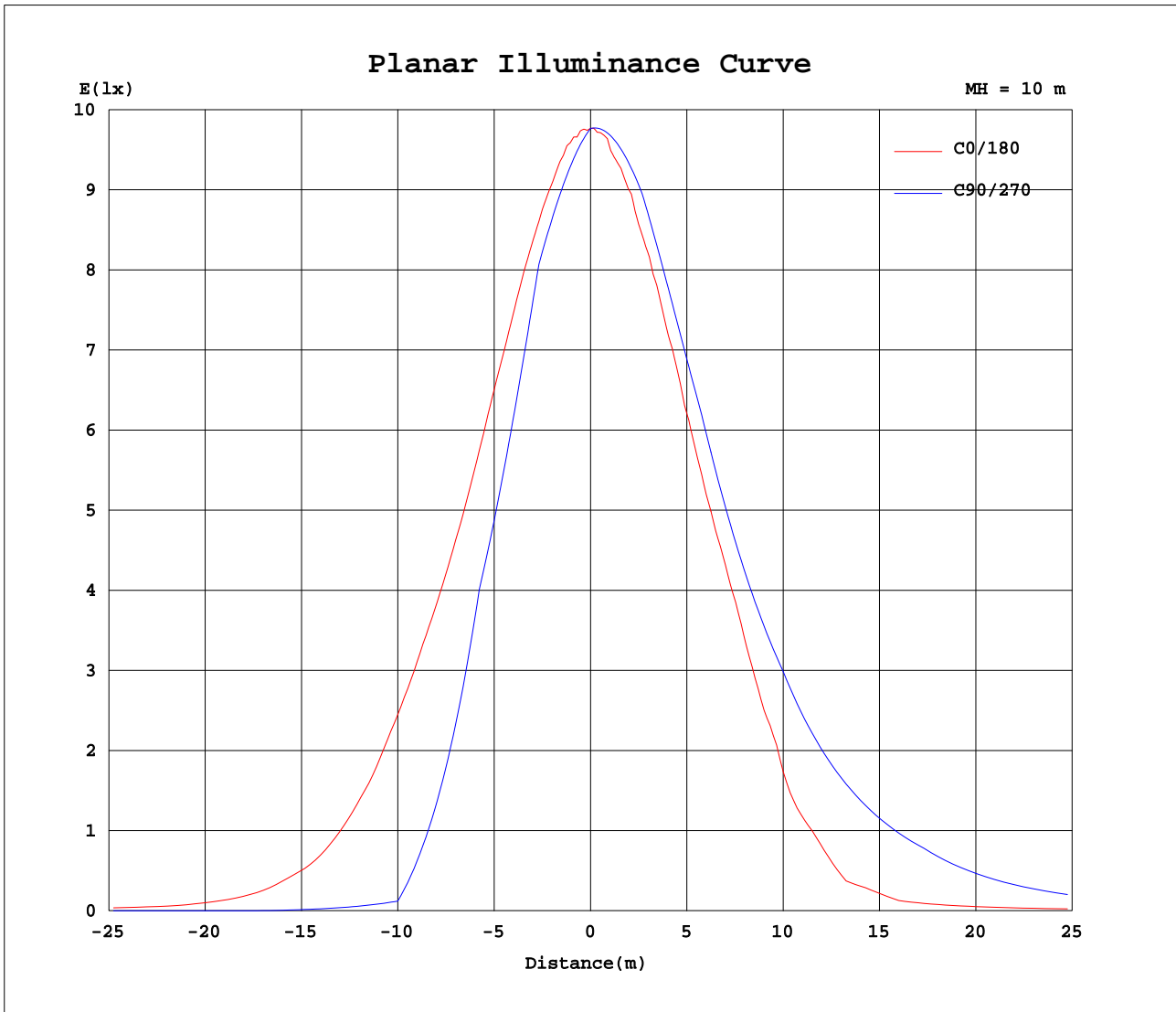
AvgL	cd/m2
L_0~180(65)av	16721
L_0~180(75)av	14738
L_0~180(85)av	14836
L_90~270(65)av	56430
L_90~270(75)av	35730
L_90~270(85)av	0
L_45(65)av	44285
L_45(75)av	32070
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 10.382m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	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	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977
5	977	975	972	970	967	964	962	959	958	957	957	957	955	953	952	951	950	950	950
10	967	963	959	956	952	950	946	943	941	940	936	933	933	928	928	927	925	925	923
15	955	949	943	938	934	930	927	920	917	914	912	911	909	905	905	901	900	900	896
20	941	932	924	916	909	903	899	896	892	891	882	863	850	841	832	824	816	808	803
25	916	905	895	886	880	874	867	865	831	807	787	772	760	753	747	739	728	718	710
30	885	869	856	848	842	834	807	762	727	698	679	666	656	656	657	652	645	630	617
35	841	818	796	780	771	737	677	626	589	564	551	545	525	504	490	472	455	436	423
40	788	741	705	685	664	583	515	461	419	399	386	367	343	315	293	273	255	238	229
45	693	617	558	528	462	387	324	270	268	248	226	201	169	135	103	75.6	53.9	39.9	34.5
50	535	446	377	329	270	213	152	152	143	126	92.3	53.1	33.4	31.0	28.8	26.9	25.4	24.1	23.1
55	335	268	213	176	131	88.8	87.2	76.4	58.8	31.4	27.7	24.3	21.5	18.9	16.7	14.8	13.4	12.4	11.7
60	181	137	104	86.8	59.0	50.9	44.9	30.3	24.5	20.1	16.2	12.7	9.54	6.81	4.51	2.65	1.33	0.55	0.30
65	87.1	73.9	60.6	48.9	40.6	32.4	24.3	18.7	13.5	8.94	4.80	1.73	1.29	0.96	0.71	0.53	0.40	0.33	0.31
70	63.3	52.2	43.0	34.5	26.6	19.5	13.2	7.53	3.11	2.29	1.70	1.26	0.93	0.71	0.56	0.45	0.37	0.34	0.33
75	47.6	38.3	30.0	22.2	14.8	8.00	3.93	2.73	1.89	1.32	0.93	0.68	0.52	0.43	0.38	0.35	0.34	0.34	0.34
80	34.8	25.9	17.9	9.91	4.66	2.79	1.60	0.86	0.41	0.27	0.20	0.15	0.10	0.07	0.04	0.02	0.01	0.00	0.00
85	21.8	12.9	5.57	1.79	0.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	7.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	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	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977
5	951	952	951	951	951	952	954	955	957	958	960	962	964	966	968	970	973	975	975
10	925	925	925	926	927	926	925	927	930	931	933	936	940	942	945	949	953	957	958
15	899	898	899	896	898	900	900	900	901	904	908	908	910	913	918	924	930	937	939
20	804	803	803	811	815	824	839	859	869	871	875	877	879	886	892	898	906	916	919
25	706	701	699	697	697	703	716	738	761	794	830	831	836	843	851	859	870	884	887
30	607	597	586	575	565	568	575	584	607	646	691	744	776	773	777	791	813	838	842
35	416	416	413	409	412	413	399	414	432	458	507	556	622	668	689	710	742	785	793
40	226	230	235	241	254	253	259	248	232	254	301	377	422	462	498	543	604	677	701
45	37.4	47.8	63.5	83.3	104	120	134	134	129	123	126	173	225	279	328	363	413	491	543
50	22.4	22.2	22.1	22.5	23.1	24.3	35.2	53.5	62.3	69.2	56.4	59.4	103	113	142	195	254	317	363
55	11.5	11.5	12.0	12.7	13.8	15.1	16.8	18.7	20.8	28.4	34.4	39.1	43.7	66.0	68.7	79.9	115	152	189
60	0.50	1.07	1.98	3.16	4.61	6.27	8.20	10.3	12.7	15.2	18.1	24.2	29.8	35.7	44.3	52.1	62.3	74.4	94.1
65	0.31	0.30	0.30	0.30	0.30	0.29	0.29	2.13	4.69	7.38	10.2	13.2	17.8	23.7	30.1	37.5	45.3	54.2	63.7
70	0.32	0.32	0.32	0.32	0.32	0.31	0.31	0.30	0.30	0.29	2.78	5.82	8.72	12.1	18.2	25.3	32.9	40.7	49.4
75	0.34	0.34	0.34	0.34	0.34	0.33	0.33	0.33	0.32	0.32	0.32	0.32	1.93	4.29	6.47	13.6	20.9	28.7	37.2
80	0.00	0.01	0.02	0.04	0.07	0.10	0.15	0.20	0.27	0.34	0.34	0.33	0.33	0.32	1.48	3.06	7.83	15.9	24.5
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.30	0.33	0.32	0.30	4.08	10.4
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	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	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977
5	976	976	976	977	977	978	978	978	979	979	979	979	980	981	982	982	982	981	980
10	960	963	965	968	969	969	970	973	974	977	982	983	984	984	985	987	988	986	987
15	941	943	946	951	956	962	965	969	976	979	980	983	986	988	989	991	994	991	993
20	922	926	929	935	942	949	954	960	966	966	972	971	973	974	976	978	980	980	981
25	891	897	904	911	918	930	929	937	942	944	948	952	955	959	961	963	967	969	968
30	849	858	866	882	888	894	900	904	911	920	926	932	936	942	946	949	953	957	958
35	804	816	832	841	847	854	866	873	881	891	897	903	904	908	911	912	917	921	922
40	730	762	780	790	801	814	832	838	841	845	855	863	869	872	874	876	881	884	887
45	607	676	710	723	739	765	765	777	786	796	808	822	831	833	838	841	845	847	852
50	430	502	559	605	659	669	688	703	721	740	749	754	758	758	762	767	771	774	778
55	260	313	375	452	497	537	584	622	621	626	634	648	661	674	679	691	697	699	701
60	130	156	224	272	328	392	425	463	483	495	514	539	560	582	596	614	623	624	625
65	74.6	88.2	114	146	198	235	276	307	336	364	391	416	435	452	458	469	477	480	485
70	57.8	67.4	78.5	90.7	114	135	156	192	231	261	278	291	302	313	318	324	331	334	339
75	45.7	55.0	63.6	72.9	82.3	93.5	113	133	153	165	170	171	172	175	177	180	185	189	194
80	33.8	42.3	51.3	60.0	69.0	78.0	86.1	76.2	62.8	50.4	38.7	28.0	18.7	11.1	5.14	1.33	0.00	1.40	5.68
85	19.9	29.3	34.3	17.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2923A P:24.62W PF:0.7018 Lamp Flux:2135.36x1 lm		
NAME: ASD-LSR3-25AC 3CCT 3000K	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	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	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977				
5	981	982	982	982	982	981	979	978	977	977	977	978	978	978	977				
10	988	986	984	986	983	982	982	979	976	975	975	973	971	970	968				
15	991	991	988	985	982	981	979	975	972	970	967	965	962	959	957				
20	982	979	977	979	978	978	976	971	967	961	956	953	949	946	943				
25	967	966	966	963	963	961	958	957	955	950	944	938	931	924	920				
30	955	954	950	948	943	939	934	933	931	930	919	911	900	893	888				
35	923	924	924	922	921	913	907	904	894	886	881	871	860	851	845				
40	888	885	883	880	876	873	872	864	853	843	836	834	819	806	796				
45	855	846	843	835	829	822	816	813	812	797	786	775	769	740	712				
50	782	779	777	783	779	766	756	744	739	739	721	698	670	630	576				
55	698	689	688	686	684	684	682	672	653	634	620	579	521	470	393				
60	614	600	598	584	578	573	559	558	538	499	461	421	345	292	232				
65	481	476	481	472	471	451	428	409	387	349	306	250	204	152	118				
70	340	340	343	341	342	323	298	275	235	217	172	140	108	86.9	75.0				
75	200	205	209	212	216	206	197	185	150	125	104	87.9	77.3	66.7	56.4				
80	12.9	22.7	34.9	49.1	65.0	78.4	94.9	107	103	89.8	80.2	70.6	61.3	52.4	43.5				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.3	50.1	48.2	39.5	30.3				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:10.382m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7
2.5	977.6	976.5	975.3	974.2	973.1	972.0	970.9	969.8	968.7	967.5
5.0	977.1	974.8	972.4	969.8	967.2	964.5	961.8	959.0	957.7	957.3
7.5	974.0	970.9	968.0	965.5	963.2	960.0	956.4	953.0	950.7	949.3
10.0	967.2	963.0	959.1	955.6	952.4	949.6	946.4	943.4	941.4	940.0
12.5	961.3	956.3	951.3	946.3	941.7	937.8	934.4	931.1	928.8	927.2
15.0	955.2	949.1	943.4	938.4	934.1	930.2	926.9	923.3	916.6	913.9
17.5	949.1	941.4	934.3	927.8	922.1	917.1	912.1	909.7	908.7	902.2
20.0	940.6	931.9	923.9	916.3	909.2	902.8	898.7	895.7	891.8	891.3
22.5	928.6	918.9	909.8	901.8	894.9	889.6	883.7	878.3	877.0	855.2
25.0	916.5	905.2	895.0	886.2	880.3	874.1	867.2	864.5	831.4	807.1
27.5	903.9	890.8	879.1	868.9	860.8	855.2	852.0	817.2	781.8	754.8
30.0	884.7	869.0	856.5	848.3	842.0	833.8	806.9	761.8	726.9	697.8
32.5	862.5	842.6	826.4	815.8	809.4	809.2	748.2	698.3	661.3	635.8
35.0	841.4	817.5	796.3	779.7	770.7	736.8	676.6	625.9	589.2	564.0
37.5	816.0	785.2	762.3	744.8	737.1	661.3	597.8	545.8	505.2	486.0
40.0	788.3	741.2	704.6	684.7	684.1	583.2	514.7	461.2	418.9	398.6
42.5	746.4	689.0	644.2	611.0	556.7	488.6	422.3	372.3	333.9	316.6
45.0	693.1	616.7	558.2	527.6	462.0	386.6	323.7	270.5	268.4	248.2
47.5	620.3	540.5	474.5	416.6	360.9	296.6	226.5	201.6	202.2	183.7
50.0	534.6	446.1	376.6	329.2	269.6	213.2	152.1	151.9	143.0	126.5
52.5	436.2	357.3	293.1	238.7	195.1	135.1	119.8	108.5	96.21	73.22
55.0	335.4	268.5	212.7	176.1	130.8	88.81	87.15	76.35	58.77	31.44
57.5	263.9	199.5	146.4	124.8	85.09	67.32	61.90	51.77	30.11	25.79
60.0	181.3	137.2	103.9	86.79	59.01	50.94	44.91	30.33	24.53	20.12
62.5	128.6	96.24	72.90	63.42	49.04	41.11	31.59	24.09	19.04	14.54
65.0	87.14	73.90	60.62	48.85	40.63	32.45	24.29	18.66	13.52	8.939
67.5	74.23	60.99	50.88	41.03	33.20	25.00	18.80	13.11	7.968	3.317
70.0	63.31	52.18	42.99	34.47	26.62	19.52	13.24	7.533	3.109	2.292
72.5	54.70	44.95	36.31	28.25	20.60	13.77	7.572	3.527	2.533	1.829
75.0	47.60	38.32	30.04	22.19	14.75	8.002	3.929	2.730	1.887	1.317
77.5	41.02	31.99	23.93	16.11	8.796	4.316	2.830	1.841	1.179	0.7594
80.0	34.77	25.94	17.86	9.909	4.659	2.794	1.603	0.8623	0.4137	0.2733
82.5	28.31	19.67	11.30	4.960	2.503	1.093	0.3245	0.1999	0.1076	0.0373
85.0	21.79	12.88	5.569	1.789	0.2970	0.1158	0	0	0	0
87.5	14.76	6.381	1.908	0	0	0	0	0	0	0
90.0	7.171	0	0	0	0	0	0	0	0	0
G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7
2.5	966.4	965.4	964.5	963.7	963.3	963.1	963.1	963.1	963.2	963.5
5.0	957.2	956.5	954.8	953.1	951.9	951.0	950.4	950.0	949.7	950.6
7.5	947.1	943.3	941.6	942.3	940.6	938.2	938.0	937.4	936.2	937.8
10.0	936.2	933.5	932.7	928.4	928.2	926.9	924.5	925.3	922.7	925.3
12.5	925.1	923.5	919.6	918.5	915.1	915.3	911.1	913.1	909.3	912.6
15.0	911.5	910.8	909.1	905.5	904.7	901.3	900.0	899.6	895.8	899.3
17.5	899.8	896.0	893.0	883.0	872.6	865.3	860.5	853.9	849.4	852.0
20.0	882.1	863.3	849.9	841.5	831.9	824.0	815.6	807.9	803.0	803.6
22.5	835.9	821.7	808.4	797.8	789.9	781.4	771.3	762.4	756.6	755.1
25.0	787.0	772.1	760.2	753.3	746.6	739.3	728.3	717.9	710.2	706.1
27.5	735.5	719.1	712.2	706.8	702.3	696.3	686.3	674.0	663.9	656.6
30.0	678.9	665.6	656.4	655.5	656.7	652.4	644.7	630.1	617.5	606.5
32.5	616.8	609.2	599.9	603.0	590.3	572.0	554.5	534.3	520.3	512.0
35.0	551.1	544.8	525.1	504.0	490.1	472.4	455.3	436.1	423.1	416.1
37.5	473.5	454.2	434.4	408.0	390.3	373.0	355.5	337.4	326.0	320.8
40.0	386.4	367.4	343.0	314.9	293.0	273.5	254.8	238.4	228.8	226.0
42.5	304.9	281.7	253.6	224.4	197.0	174.4	154.3	139.2	131.6	131.6
45.0	226.4	200.8	168.7	135.2	102.7	75.60	53.89	39.89	34.47	37.37
47.5	155.1	124.5	86.77	47.25	34.86	32.89	31.38	29.96	28.77	27.97
50.0	92.30	53.13	33.39	31.00	28.81	26.91	25.40	24.11	23.08	22.45
52.5	34.40	30.24	27.41	24.92	22.72	20.90	19.40	18.25	17.38	16.94
55.0	27.69	24.34	21.46	18.87	16.67	14.83	13.40	12.36	11.69	11.45
57.5	21.92	18.54	15.51	12.85	10.60	8.739	7.373	6.458	5.993	5.971
60.0	16.22	12.69	9.541	6.808	4.509	2.654	1.328	0.5486	0.2989	0.4985
62.5	10.50	6.849	3.600	1.063	0.7730	0.5608	0.4055	0.3289	0.3060	0.2997
65.0	4.799	1.731	1.291	0.9577	0.7065	0.5278	0.3970	0.3323	0.3131	0.3080
67.5	2.031	1.509	1.122	0.8402	0.6352	0.4898	0.3867	0.3352	0.3202	0.3163
70.0	1.701	1.257	0.9347	0.7125	0.5554	0.4476	0.3741	0.3377	0.3273	0.3247
72.5	1.333	0.9795	0.7354	0.5737	0.4684	0.4015	0.3594	0.3397	0.3344	0.3330
75.0	0.9323	0.6789	0.5190	0.4252	0.3752	0.3516	0.3430	0.3415	0.3415	0.3413
77.5	0.5024	0.3574	0.2977	0.2558	0.2237	0.1999	0.1835	0.1739	0.1707	0.1739
80.0	0.2023	0.1467	0.1030	0.0690	0.0429	0.0236	0.0103	0.0026	0	0.0026
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 10.382m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7
2.5	963.9	964.4	965.0	965.4	965.3	965.3	965.4	965.6	965.9	966.6
5.0	951.6	951.5	950.9	950.9	952.2	953.7	955.2	956.7	958.4	960.1
7.5	938.3	937.2	938.2	939.6	941.2	942.3	943.2	943.2	942.6	943.2
10.0	924.5	924.7	926.0	927.0	926.5	925.3	926.9	930.0	930.7	932.8
12.5	911.3	911.9	912.5	910.6	911.2	915.1	913.7	917.0	917.9	919.3
15.0	898.3	899.3	895.8	897.9	900.4	899.7	900.0	900.7	904.1	907.6
17.5	852.3	855.1	859.5	871.9	880.4	883.3	884.9	887.3	887.2	888.3
20.0	802.7	802.9	811.0	815.3	824.4	838.9	858.5	869.2	870.5	874.9
22.5	752.4	751.6	755.1	758.9	765.4	780.1	798.8	826.1	854.3	854.8
25.0	700.8	699.2	696.6	697.2	703.4	716.1	738.2	760.8	794.0	830.3
27.5	648.8	644.4	637.9	632.1	636.8	650.6	664.8	688.0	719.4	764.8
30.0	596.8	585.7	574.9	565.3	568.4	575.3	584.4	606.7	646.0	691.4
32.5	509.0	503.8	498.6	495.1	497.2	491.3	496.3	527.2	558.1	600.8
35.0	415.5	413.0	409.3	412.0	413.0	398.9	413.6	432.1	457.7	507.1
37.5	322.6	323.7	324.1	332.7	330.5	323.0	326.9	322.2	360.4	401.4
40.0	230.0	235.2	241.3	254.2	253.2	258.8	248.5	231.8	253.8	300.9
42.5	138.5	148.5	161.2	176.6	182.7	195.9	183.8	179.1	157.5	214.7
45.0	47.83	63.54	83.26	103.7	120.4	133.8	133.6	129.3	123.2	126.3
47.5	27.55	27.31	27.48	35.60	62.00	79.49	91.24	89.35	94.52	86.39
50.0	22.17	22.15	22.49	23.14	24.29	35.25	53.50	62.32	69.19	56.44
52.5	16.83	17.03	17.55	18.44	19.68	21.18	23.36	39.22	44.39	44.11
55.0	11.55	11.98	12.70	13.80	15.12	16.77	18.68	20.82	28.38	34.43
57.5	6.299	6.962	7.910	9.193	10.67	12.46	14.47	16.72	19.22	25.68
60.0	1.073	1.978	3.155	4.607	6.274	8.201	10.31	12.66	15.20	18.14
62.5	0.2927	0.2909	0.2884	0.2851	1.909	3.959	6.201	8.648	11.26	14.08
65.0	0.3023	0.3006	0.2983	0.2951	0.2910	0.2859	2.133	4.689	7.376	10.24
67.5	0.3119	0.3103	0.3081	0.3052	0.3014	0.2966	0.2906	0.7427	3.545	6.488
70.0	0.3214	0.3201	0.3181	0.3154	0.3119	0.3075	0.3020	0.2951	0.2938	2.781
72.5	0.3310	0.3298	0.3280	0.3256	0.3225	0.3185	0.3135	0.3072	0.3143	0.3153
75.0	0.3407	0.3396	0.3380	0.3359	0.3332	0.3297	0.3253	0.3197	0.3234	0.3224
77.5	0.1835	0.1999	0.2237	0.2558	0.2977	0.3409	0.3372	0.3324	0.3327	0.3299
80.0	0.0103	0.0236	0.0429	0.0690	0.1030	0.1467	0.2023	0.2733	0.3408	0.3375
82.5	0	0	0	0	0	0	0	0.0373	0.1076	0.1999
85.0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7
2.5	967.7	968.8	969.9	971.1	972.2	973.4	974.5	974.7	974.9	975.1
5.0	961.8	963.6	965.6	967.8	970.1	972.5	975.0	975.3	975.7	976.0
7.5	945.6	948.1	950.5	953.0	955.8	958.8	961.9	962.8	963.7	964.8
10.0	936.5	940.1	942.4	945.3	948.8	952.7	957.0	958.5	960.3	962.5
12.5	922.3	926.9	932.6	937.8	941.1	945.2	950.3	952.1	954.7	958.0
15.0	907.8	910.0	913.2	918.2	923.9	930.1	936.6	938.5	940.7	943.3
17.5	891.6	897.1	902.5	908.9	914.7	921.1	928.7	931.1	934.6	938.3
20.0	877.1	879.3	886.2	892.3	898.5	906.5	915.9	918.6	922.0	925.6
22.5	857.4	858.1	862.0	868.6	877.3	888.4	900.2	902.4	905.1	909.5
25.0	830.7	835.6	843.0	850.8	858.9	870.1	883.7	886.5	891.0	897.0
27.5	809.1	809.5	811.3	819.0	831.4	844.3	861.2	865.0	871.5	876.8
30.0	743.9	776.0	772.6	777.3	791.4	812.6	838.2	842.2	848.9	858.4
32.5	658.4	715.4	717.2	729.8	752.4	779.7	811.1	818.0	827.8	836.4
35.0	556.3	622.0	668.5	688.6	710.4	742.3	785.5	793.1	803.9	816.4
37.5	460.5	540.9	595.7	591.8	627.7	680.6	744.5	756.9	772.4	790.7
40.0	377.2	422.4	462.3	498.1	543.4	603.9	676.9	700.9	729.5	761.8
42.5	270.7	310.7	359.9	407.1	459.4	523.8	600.6	635.7	682.6	730.8
45.0	172.7	224.8	278.8	327.6	362.8	412.8	491.3	542.7	607.1	676.5
47.5	98.52	161.1	199.2	188.9	238.6	311.7	391.6	444.8	518.1	595.5
50.0	59.40	102.9	113.2	141.8	195.3	254.0	316.8	363.1	429.7	501.5
52.5	48.51	59.17	89.03	116.3	127.9	156.5	196.4	260.8	340.1	400.7
55.0	39.08	43.72	66.01	68.69	79.88	114.5	152.3	188.9	259.6	313.3
57.5	31.14	36.39	44.44	54.14	62.39	82.53	99.14	131.3	170.1	229.1
60.0	24.18	29.78	35.66	44.35	52.07	62.28	74.37	94.12	129.9	156.4
62.5	17.84	23.69	29.66	36.63	44.10	52.53	62.47	73.93	87.98	119.8
65.0	13.19	17.77	23.70	30.14	37.47	45.35	54.18	63.71	74.57	88.18
67.5	9.467	12.33	17.86	24.20	31.23	38.83	47.06	55.76	65.04	76.44
70.0	5.825	8.716	12.07	18.21	25.28	32.93	40.68	49.45	57.80	67.42
72.5	2.262	5.216	7.540	12.15	19.46	27.18	34.80	43.47	51.77	60.67
75.0	0.3165	1.929	4.289	6.473	13.55	20.87	28.69	37.22	45.66	55.01
77.5	0.3246	0.3174	1.565	3.589	7.942	14.04	22.53	30.88	39.60	48.60

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 10.382m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

80.0	0.3331	0.3270	0.3182	1.484	3.060	7.832	15.89	24.51	33.84	42.28
82.5	0.3245	0.3371	0.3300	0.3188	1.189	3.412	8.281	17.67	26.83	35.85
85.0	0	0.1158	0.2970	0.3345	0.3166	0.3028	4.075	10.38	19.88	29.28
87.5	0	0	0	0	0.2652	0.3146	0.5570	5.354	10.72	0
90.0	0	0	0	0	0	0	0.2180	0	0	0
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7
2.5	975.2	975.3	975.4	975.4	975.8	976.5	977.2	977.9	978.6	979.4
5.0	976.4	976.8	977.2	977.6	978.0	978.4	978.7	978.9	978.9	978.8
7.5	965.9	967.3	968.8	970.3	973.2	977.0	979.6	980.2	980.9	981.4
10.0	965.0	967.9	968.8	968.9	970.2	972.5	974.5	977.4	981.7	982.7
12.5	959.3	960.1	962.1	966.4	971.1	974.6	973.4	976.9	979.1	982.9
15.0	946.2	950.9	956.4	961.7	964.5	969.2	976.1	978.6	979.7	982.9
17.5	941.1	944.6	948.2	952.9	959.9	965.3	969.2	978.5	981.8	980.2
20.0	929.2	934.6	942.3	948.9	953.6	960.1	965.8	965.6	971.7	971.5
22.5	914.5	924.3	930.4	938.2	948.5	951.3	952.5	956.4	957.4	964.0
25.0	903.8	910.8	917.5	930.2	929.2	936.8	941.7	944.5	947.8	952.2
27.5	884.7	896.2	906.9	911.7	914.4	918.4	926.9	932.4	937.9	940.8
30.0	866.1	881.6	888.1	893.7	899.6	904.1	910.9	919.7	926.0	931.8
32.5	847.7	864.6	866.8	875.3	882.3	889.3	897.3	908.2	915.4	921.7
35.0	831.6	840.7	847.3	853.6	865.9	873.4	881.0	891.0	897.4	903.4
37.5	810.9	817.0	826.1	836.8	845.3	860.0	868.7	869.2	877.3	882.7
40.0	780.2	790.5	800.9	814.2	831.9	837.7	841.3	844.8	854.6	862.7
42.5	747.1	758.0	774.3	788.6	807.1	809.9	815.3	823.3	831.7	841.9
45.0	709.8	722.6	739.2	764.7	765.3	777.0	786.4	796.2	808.4	821.6
47.5	630.8	681.9	705.6	718.9	731.0	741.5	755.1	769.8	783.7	799.5
50.0	558.8	605.5	658.6	668.7	688.0	702.9	721.2	740.3	749.4	754.1
52.5	466.9	544.1	581.4	608.2	637.5	666.6	685.8	690.6	693.5	701.2
55.0	375.0	452.2	496.6	537.2	583.8	621.7	620.9	626.3	634.3	648.1
57.5	294.6	356.7	409.7	465.3	518.8	543.0	553.5	561.7	575.4	595.2
60.0	223.9	272.4	328.4	391.5	425.4	463.4	483.1	495.2	514.3	539.2
62.5	153.0	203.8	258.9	306.5	349.5	385.4	410.2	429.0	452.5	481.3
65.0	113.8	145.8	197.7	235.1	276.2	307.2	335.5	364.3	391.2	416.4
67.5	88.93	110.1	149.0	180.2	210.8	232.9	275.3	312.3	333.6	353.1
70.0	78.47	90.71	114.0	134.8	156.3	192.3	230.7	261.5	277.8	291.1
72.5	70.45	80.72	93.89	104.0	132.3	160.4	190.4	212.4	222.9	230.5
75.0	63.59	72.88	82.27	93.48	112.9	133.3	153.0	165.1	169.5	171.2
77.5	57.48	66.08	75.19	85.14	97.92	110.2	118.4	120.3	112.5	104.3
80.0	51.31	59.95	68.99	78.02	86.08	76.19	62.82	50.40	38.74	28.01
82.5	44.80	54.09	60.41	43.43	26.54	10.33	0	0	0	0
85.0	34.27	17.32	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7
2.5	979.6	979.6	979.6	979.5	979.5	979.0	978.5	978.0	977.5	977.3
5.0	979.8	981.2	982.1	982.2	982.3	981.3	980.2	980.6	981.6	982.3
7.5	981.6	981.9	983.7	984.8	985.1	983.4	983.3	984.9	985.1	984.3
10.0	983.6	984.2	985.2	987.1	987.9	985.5	987.0	987.8	986.3	984.2
12.5	984.9	986.1	987.1	989.2	990.7	988.0	990.3	989.9	987.4	987.8
15.0	985.8	987.7	989.2	991.3	993.5	991.1	993.2	990.6	991.0	987.8
17.5	981.0	982.0	982.7	984.6	986.8	985.8	988.2	986.7	986.0	985.0
20.0	973.3	974.3	975.5	977.6	980.0	980.3	981.0	981.7	979.5	977.3
22.5	964.0	966.5	968.5	970.6	973.3	974.8	973.8	974.1	972.2	972.3
25.0	955.2	958.7	961.2	963.5	966.5	967.8	967.8	967.1	965.8	966.1
27.5	946.5	950.5	953.6	956.3	959.8	962.9	962.9	961.0	960.4	958.1
30.0	936.5	941.7	945.9	949.0	953.0	956.9	958.2	954.7	954.2	950.1
32.5	922.8	926.5	929.2	930.9	935.0	939.0	941.0	940.8	942.7	943.1
35.0	903.7	907.8	910.8	912.2	917.0	920.6	922.2	922.9	924.4	923.9
37.5	887.0	889.4	892.3	893.7	898.9	902.1	904.0	905.0	904.3	905.3
40.0	868.7	871.8	873.9	875.8	880.9	883.6	886.8	887.9	884.7	883.4
42.5	850.3	853.7	855.7	858.1	862.9	865.3	869.7	871.6	865.2	862.8
45.0	831.5	832.6	837.7	840.6	844.9	847.1	852.5	855.4	846.4	842.8
47.5	805.7	797.2	802.1	804.4	807.8	810.9	816.6	825.8	821.7	821.8
50.0	758.5	757.9	761.9	766.8	770.8	773.6	777.7	782.5	779.1	777.3
52.5	709.4	717.2	720.9	728.9	733.8	736.3	739.2	739.9	734.1	732.3
55.0	661.1	673.7	679.3	690.5	696.7	699.1	701.3	698.1	689.5	688.3
57.5	611.3	628.2	637.5	652.1	659.7	661.8	663.3	656.2	645.0	643.8
60.0	560.2	581.7	595.6	613.6	622.7	624.4	625.1	614.2	599.9	598.2
62.5	502.3	520.7	529.1	542.1	549.7	552.9	557.4	552.5	545.1	551.0
65.0	434.5	451.7	458.4	469.5	476.7	480.1	484.6	481.2	476.3	480.7
67.5	367.9	382.6	388.0	396.9	403.6	407.2	412.0	410.4	408.1	411.5
70.0	302.1	313.1	317.5	324.4	330.6	334.4	339.4	340.0	340.2	343.2

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 10.382m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

72.5	236.8	243.5	247.0	252.0	257.6	261.5	266.8	270.0	272.5	275.7
75.0	172.1	174.5	176.5	179.6	184.6	188.6	194.2	200.3	204.6	209.0
77.5	97.88	94.14	91.45	90.63	92.30	95.26	100.9	109.2	118.4	129.6
80.0	18.71	11.09	5.138	1.332	0	1.400	5.675	12.88	22.66	34.87
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7	976.7
2.5	977.7	978.1	978.5	978.8	979.0	979.1	978.9	978.7	978.5	978.3
5.0	982.2	982.0	980.9	979.2	977.5	976.7	977.1	977.5	977.7	977.7
7.5	981.7	981.1	982.3	981.7	980.1	979.1	979.0	978.9	978.5	976.9
10.0	985.7	983.5	982.4	982.0	978.6	976.2	975.4	974.5	972.9	971.3
12.5	985.3	984.1	979.6	978.8	977.4	975.2	972.2	969.8	967.9	966.1
15.0	985.0	981.9	981.1	978.6	975.1	972.2	969.7	967.4	965.0	962.0
17.5	983.7	984.4	980.8	976.7	973.8	970.4	966.2	962.9	959.4	956.2
20.0	979.2	978.3	977.7	976.3	971.2	966.9	961.5	956.4	953.2	949.4
22.5	971.8	970.3	970.0	969.4	967.6	960.5	955.3	949.4	945.5	940.2
25.0	963.3	962.8	960.9	957.7	956.5	954.5	949.6	944.3	938.2	930.9
27.5	956.2	953.8	949.4	946.9	944.2	944.9	945.8	932.8	927.3	918.5
30.0	948.3	942.9	938.6	934.0	933.0	931.4	930.4	918.7	911.2	900.5
32.5	938.6	931.6	925.4	921.6	917.6	916.3	908.3	903.9	891.3	881.2
35.0	922.2	921.2	913.1	907.1	903.5	894.1	886.0	881.1	871.3	860.4
37.5	901.4	898.5	896.6	892.1	882.4	872.9	864.0	858.3	851.5	841.5
40.0	879.6	876.2	873.1	871.8	863.5	853.1	843.3	835.9	834.4	819.0
42.5	856.6	853.4	849.3	844.0	842.5	832.9	822.0	811.9	805.5	795.1
45.0	835.4	829.3	821.6	816.4	813.2	812.0	796.9	786.0	775.3	768.6
47.5	813.7	804.9	795.2	786.4	780.1	777.1	770.8	755.6	741.8	726.4
50.0	783.3	778.9	766.2	756.1	744.3	738.9	738.9	720.9	698.1	670.2
52.5	735.6	733.6	737.5	723.7	707.2	701.4	690.7	682.2	640.1	609.5
55.0	685.6	683.9	684.1	681.8	672.3	653.4	633.8	619.7	578.6	520.6
57.5	634.9	629.4	629.4	621.4	631.5	598.8	569.9	543.4	501.6	436.2
60.0	584.2	577.7	572.7	558.7	557.5	537.8	498.8	461.2	421.2	345.4
62.5	533.3	524.8	512.1	494.9	481.7	460.8	420.5	386.2	331.2	273.0
65.0	472.1	470.5	450.6	427.7	408.5	386.5	349.2	306.5	250.4	204.3
67.5	406.0	406.3	386.3	357.1	338.0	308.1	284.6	233.9	185.8	146.8
70.0	340.7	341.7	323.0	298.2	275.5	234.9	217.4	172.0	139.6	107.6
72.5	276.1	278.4	262.9	245.8	229.8	180.2	163.3	130.3	102.5	87.25
75.0	212.2	216.1	206.1	197.1	184.7	150.3	125.1	104.1	87.90	77.27
77.5	142.2	155.2	151.9	150.7	143.1	125.0	103.2	89.07	78.64	68.50
80.0	49.08	65.01	78.41	94.90	107.5	102.8	89.77	80.20	70.63	61.33
82.5	0	0	0	12.84	32.60	53.80	76.57	72.40	63.48	54.98
85.0	0	0	0	0	0	0	0	23.29	50.06	48.17
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	976.7	976.7								
2.5	978.1	977.9								
5.0	977.7	977.5								
7.5	975.7	974.7								
10.0	969.8	968.4								
12.5	964.4	962.7								
15.0	959.4	957.1								
17.5	953.3	951.0								
20.0	945.6	942.7								
22.5	935.7	931.9								
25.0	924.2	919.6								
27.5	910.9	906.8								
30.0	892.7	887.7								
32.5	871.2	865.8								
35.0	850.9	844.7								
37.5	831.8	822.2								
40.0	805.9	795.6								
42.5	775.9	758.9								
45.0	739.9	712.3								
47.5	691.3	651.2								
50.0	629.8	576.0								
52.5	557.3	485.0								
55.0	469.5	392.6								
57.5	378.1	306.9								
60.0	292.2	232.3								
62.5	218.1	161.3								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 10.382m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

65.0	152.3	118.2
67.5	110.0	85.84
70.0	86.92	75.01
72.5	76.69	64.70
75.0	66.74	56.41
77.5	58.76	49.54
80.0	52.44	43.48
82.5	45.81	37.09
85.0	39.53	30.35
87.5	27.07	23.81
90.0	0	0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 27.3DEG
Operators: QC
Test Date: 2022-08-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 10.382m [K=1.0000]
Remarks: