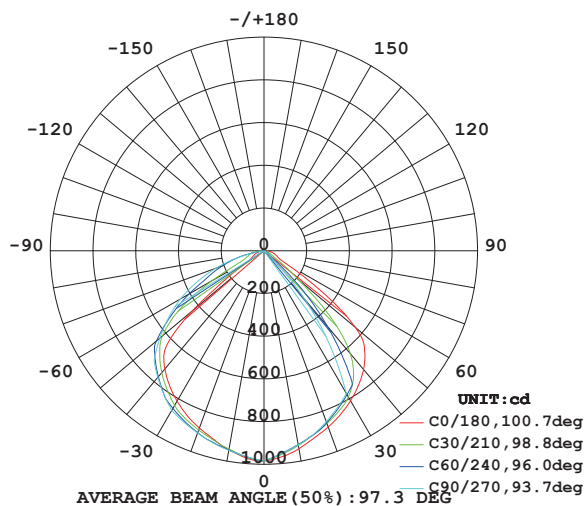


LUMINAIRE PHOTOMETRIC TEST REPORT

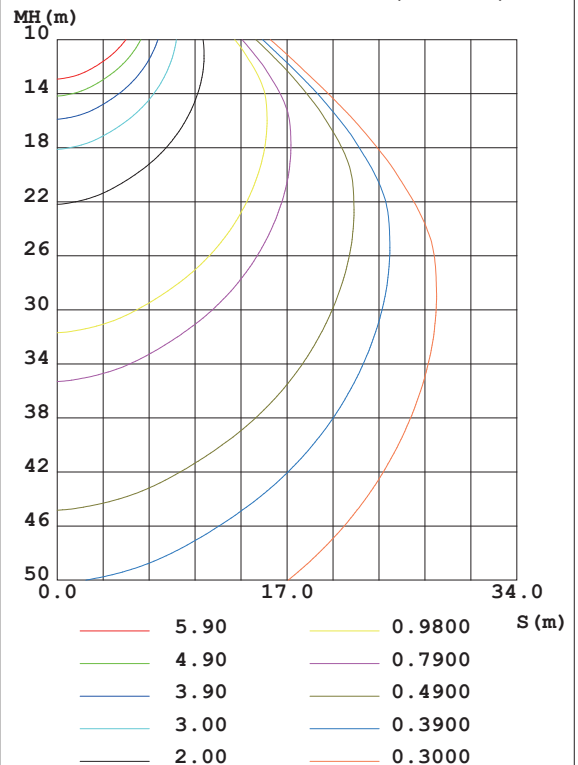
Test:U:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.81 lm/W			
MODEL:	ASD-LSR-20AC	I _{max} (cd)	984.9	S/MH (C0/180)	1.24
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	2039.6	☒ UP, DN (C0-180)	0.0, 37.0
NOMINAL FLUX (lm)	2039.59	CIE CLASS	DIRECT	☒ UP, DN (C180-360)	0.0, 63.0
LAMPS INSIDE	1	☒ up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	☒ down (%)	100.0	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2021-11-08

☒ Range: 0 - 90DEG
☒ 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	968.0	953.7	953.7	958.7	973.9	968.2	966.7	962.9	0- 5	23.21	23.21	1.14,1.14
10	940.9	922.8	922.8	924.9	947.6	944.7	948.9	941.3	5- 10	67.80	91.01	4.46,4.46
15	907.7	891.7	892.0	893.1	913.3	923.8	931.0	919.1	10- 15	109.2	200.3	9.82,9.82
20	878.3	862.6	851.9	861.8	883.8	904.3	908.5	899.7	15- 20	147.2	347.4	17,17
25	846.4	823.2	811.8	821.4	851.6	875.9	886.0	871.0	20- 25	181.0	528.4	25.9,25.9
30	810.5	780.8	771.6	776.4	813.2	842.1	863.5	838.7	25- 30	209.9	738.3	36.2,36.2
35	770.8	736.2	534.3	720.3	770.7	806.2	818.5	805.2	30- 35	229.8	968.1	47.5,47.5
40	725.5	655.3	297.0	600.2	722.1	766.7	773.4	766.3	35- 40	232.2	1200	58.8,58.8
45	666.9	424.1	59.71	353.1	656.1	705.3	728.3	699.1	40- 45	215.9	1416	69.4,69.4
50	559.8	208.7	42.74	154.3	440.7	635.0	636.5	623.2	45- 50	183.1	1599	78.4,78.4
55	317.5	38.57	25.76	29.20	148.1	551.9	544.6	539.2	50- 55	143.9	1743	85.5,85.5
60	112.1	28.90	8.780	20.11	67.77	391.1	452.8	409.5	55- 60	105.5	1849	90.6,90.6
65	72.03	19.15	5.948	10.92	54.29	222.8	346.2	276.3	60- 65	74.24	1923	94.3,94.3
70	59.88	11.25	3.116	4.680	43.06	115.7	239.7	176.8	65- 70	52.19	1975	96.8,96.8
75	48.05	5.478	0.2845	2.264	30.94	91.93	133.1	126.8	70- 75	36.40	2012	98.6,98.6
80	34.87	0.2107	0	0.2221	17.85	63.17	0	74.33	75- 80	21.08	2033	99.7,99.7
85	20.23	0	0	0	3.349	0	0	0	80- 85	6.131	2039	100,100
90	4.013	0	0	0	0.1636	0	0	0	85- 90	0.7505	2040	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		

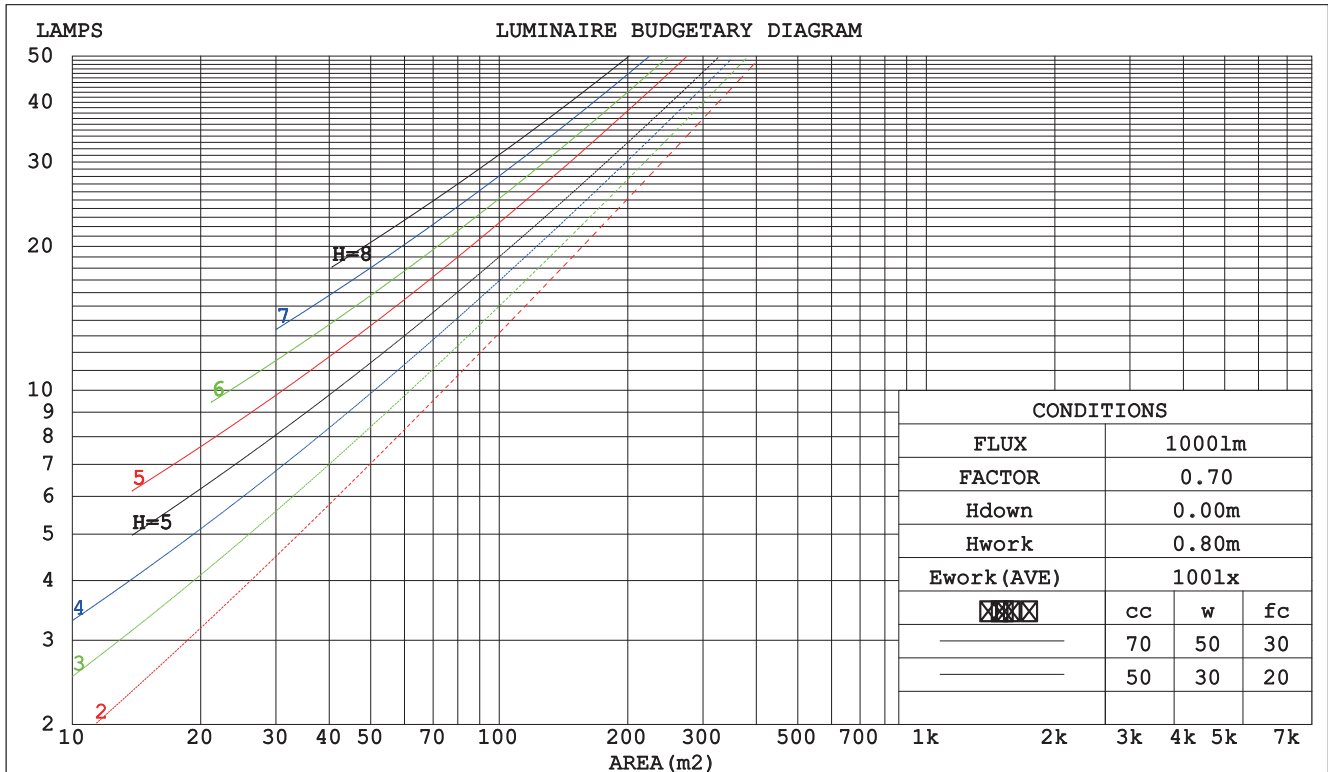
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2021-11-08

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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

☒ cc	80%			70%			50%			30%			10%			0
☒ w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
☒ fc	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	1.04	1.00	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.84	.80	.84	.81	.79	.77
3.0	.86	.79	.73	.84	.78	.72	.81	.76	.71	.79	.74	.70	.76	.72	.69	.67
4.0	.77	.69	.63	.76	.69	.63	.73	.67	.62	.71	.66	.61	.69	.64	.61	.59
5.0	.70	.62	.56	.69	.61	.56	.67	.60	.55	.65	.59	.54	.63	.58	.54	.52
6.0	.63	.55	.50	.62	.55	.49	.61	.54	.49	.59	.53	.48	.58	.52	.48	.46
7.0	.58	.50	.44	.57	.50	.44	.56	.49	.44	.54	.48	.44	.53	.47	.43	.41
8.0	.53	.45	.40	.52	.45	.40	.51	.44	.40	.50	.44	.39	.49	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.36	.34
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.42	.37	.33	.31



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2021-11-08

☒Range: 0 - 90DEG
☒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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm					
NAME: ASD-LSR-20AC			TYPE:		WEIGHT:
SPEC.:5000K			DIM.:		SERIAL No.:
MFR.: ASD Lighting Corp			SUR.:		Shielding Angle:

☒ C	80%			70%			50%			30%			10%			0	
☒ W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
☒ C	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.250	.142	.045	.243	.138	.044	.230	.132	.042	.218	.126	.040	.207	.120	.039		
2.0	.242	.133	.041	.236	.130	.040	.225	.125	.039	.215	.120	.038	.205	.116	.037		
3.0	.230	.122	.037	.225	.120	.036	.215	.116	.035	.206	.113	.035	.197	.109	.034		
4.0	.216	.113	.033	.212	.111	.033	.203	.108	.032	.195	.105	.032	.188	.102	.031		
5.0	.204	.104	.030	.199	.102	.030	.192	.100	.029	.185	.097	.029	.178	.095	.029		
6.0	.191	.096	.027	.188	.095	.027	.181	.093	.027	.175	.091	.027	.169	.089	.026		
7.0	.180	.089	.025	.177	.088	.025	.171	.086	.025	.165	.085	.025	.160	.083	.024		
8.0	.170	.083	.023	.167	.082	.023	.162	.081	.023	.157	.079	.023	.152	.078	.023		
9.0	.161	.078	.022	.158	.077	.022	.153	.076	.021	.149	.074	.021	.144	.073	.021		
10.0	.152	.073	.020	.150	.072	.020	.145	.071	.020	.141	.070	.020	.137	.069	.020		

☒ C	80%			70%			50%			30%			10%			0
☒ W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
☒ C	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	.176	.157	.139	.151	.134	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.166	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.134	.098	.069	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.149	.100	.063	.128	.087	.055	.088	.060	.039	.051	.035	.023	.016	.012	.008	
5.0	.141	.090	.051	.122	.077	.045	.084	.054	.031	.048	.032	.019	.016	.010	.006	
6.0	.135	.081	.042	.116	.070	.037	.080	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.128	.074	.036	.110	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.123	.068	.031	.105	.059	.027	.073	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.117	.063	.027	.101	.055	.023	.070	.039	.017	.041	.023	.010	.013	.007	.003	
10.0	.112	.059	.024	.096	.051	.021	.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:2021-11-08

☒Range: 0 - 90DEG
☒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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm										
NAME: ASD-LSR-20AC					TYPE:			WEIGHT:		
SPEC.:5000K					DIM.:			SERIAL No.:		
MFR.: ASD Lighting Corp					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	24.3	25.7	24.6	25.9	26.1	19.6	21.0	19.9	21.2	21.4
3H	24.4	25.6	24.7	25.9	26.1	19.4	20.7	19.7	20.9	21.1
4H	24.5	25.7	24.8	25.9	26.2	19.3	20.5	19.6	20.7	21.0
6H	24.6	25.7	25.0	26.0	26.3	19.2	20.3	19.5	20.6	20.8
8H	24.7	25.8	25.0	26.0	26.3	19.2	20.2	19.5	20.5	20.8
12H	24.8	25.8	25.1	26.1	26.4	19.1	20.1	19.5	20.4	20.7
4H 2H	24.0	25.2	24.3	25.4	25.7	19.4	20.6	19.7	20.8	21.1
3H	24.1	25.2	24.5	25.4	25.7	19.3	20.3	19.6	20.6	20.9
4H	24.3	25.2	24.7	25.5	25.8	19.2	20.1	19.5	20.4	20.7
6H	24.5	25.3	24.9	25.6	26.0	19.1	19.9	19.5	20.2	20.6
8H	24.6	25.3	25.0	25.7	26.1	19.0	19.8	19.4	20.1	20.5
12H	24.7	25.3	25.1	25.7	26.1	19.0	19.7	19.4	20.0	20.4
8H 4H	24.2	24.9	24.6	25.3	25.6	19.1	19.8	19.5	20.2	20.6
6H	24.4	25.0	24.8	25.4	25.8	19.0	19.6	19.4	20.0	20.4
8H	24.5	25.0	24.9	25.4	25.9	18.9	19.5	19.4	19.9	20.3
12H	24.6	25.0	25.0	25.5	25.9	18.9	19.4	19.4	19.8	20.3
12H 4H	24.1	24.8	24.5	25.2	25.6	19.0	19.7	19.5	20.1	20.5
6H	24.3	24.8	24.8	25.3	25.7	18.9	19.5	19.4	19.9	20.4
8H	24.4	24.9	24.9	25.3	25.8	18.9	19.4	19.4	19.8	20.3
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 3.1					+ 2.8 / -10.2				
1.5H	+ 2.2 / - 5.0					+ 3.6 / - 7.7				
2.0H	+ 4.9 / - 6.0					+ 2.3 / - 4.4				

CIE Pub.117 Corrected 2040 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.5)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2021-11-08

☒ Range: 0 - 90DEG
☒ 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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	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) $k(RI) \times RCR = 5$									
$k = 0.60$	66	55	49	65	55	49	64	55	49	43
0.80	76	66	59	75	65	59	73	65	59	53
1.00	84	75	68	83	74	68	81	75	68	62
1.25	90	82	76	89	81	76	87	80	75	69
1.50	95	87	81	93	86	81	91	84	80	73
2.00	100	94	89	99	93	88	96	90	86	79
2.50	103	97	92	102	96	92	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	102	104	102	99	91
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:2021-11-08

☒ Range: 0 - 90DEG
☒ 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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Conical surface Flux(90deg):

1416.2 lm

%lum = 69.4%

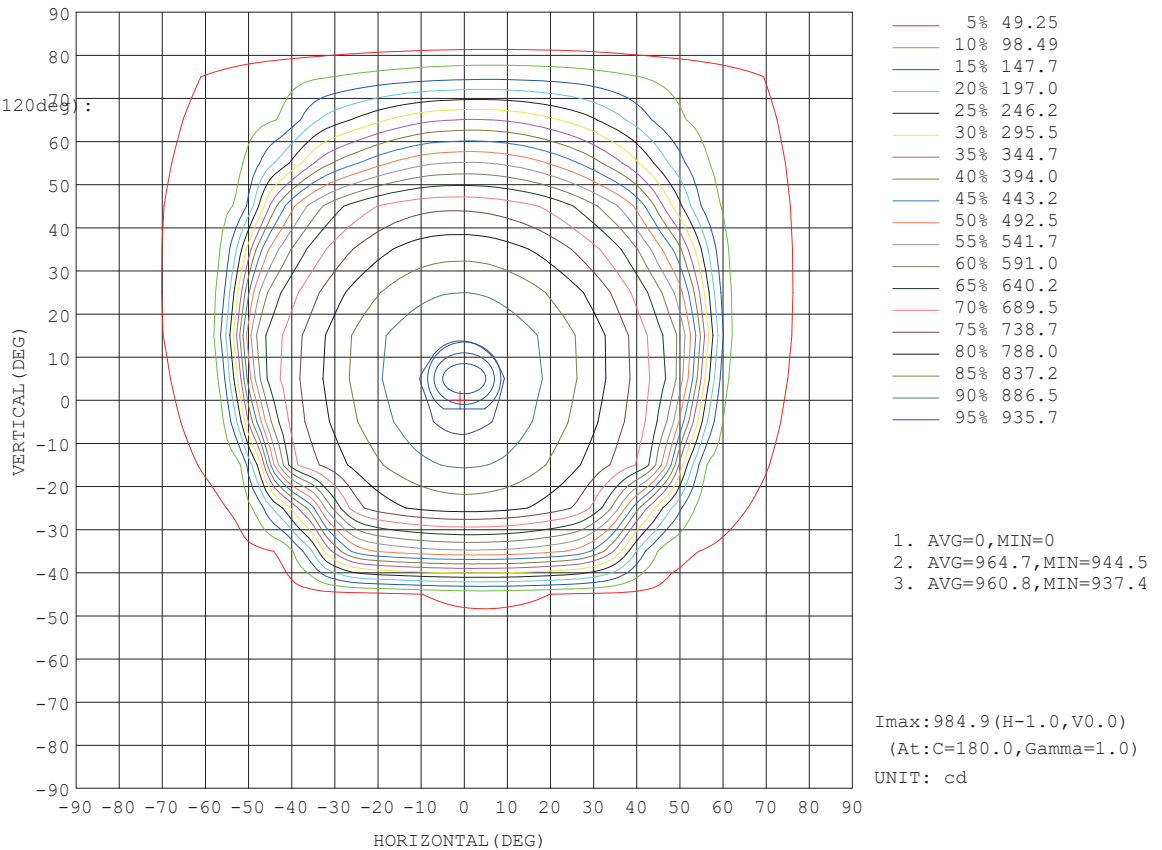
%lamp = 69.4%

Conical surface Flux(120deg):

1848.8 lm

%lum = 90.6%

%lamp = 90.6%

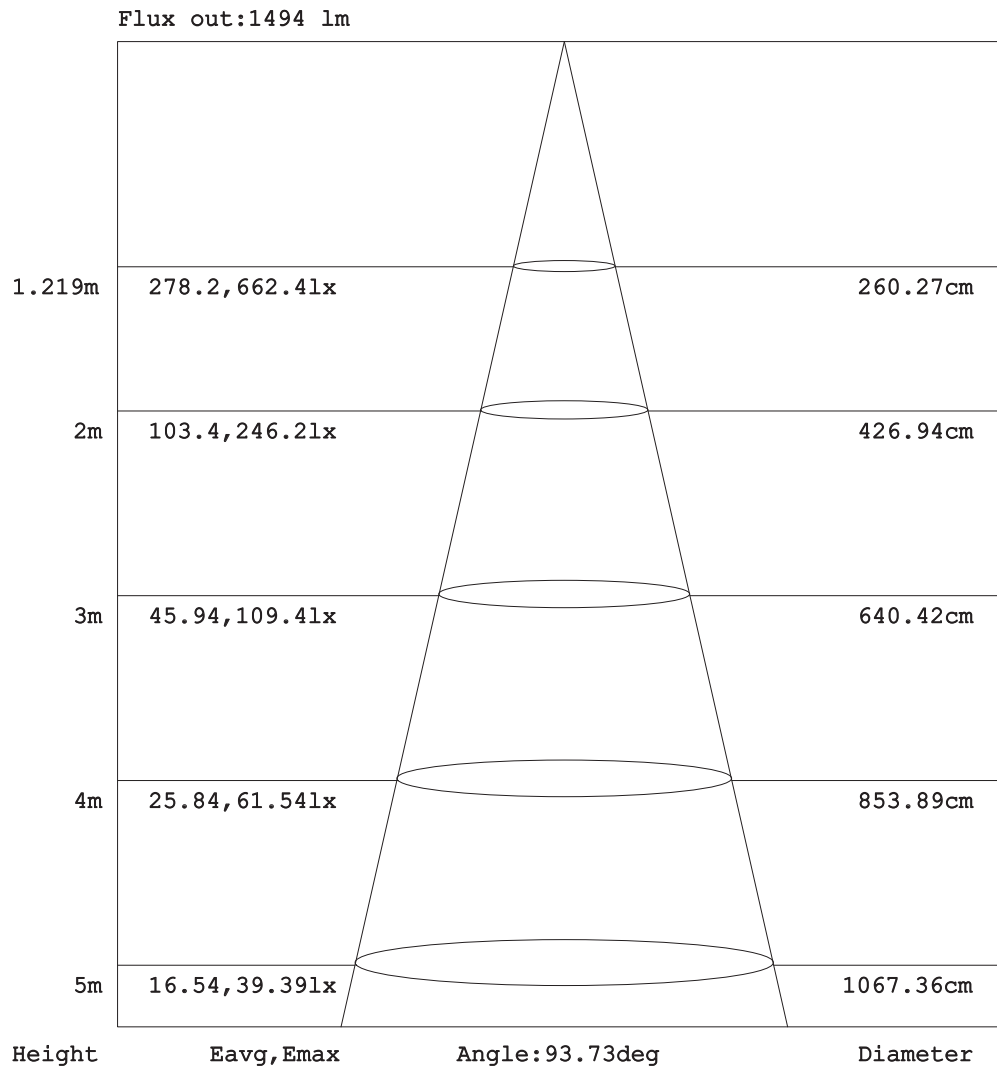


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:27.3DEG
Operators:QC
Test Date:2021-11-08

☒ Range: 0 - 90DEG
☒ 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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



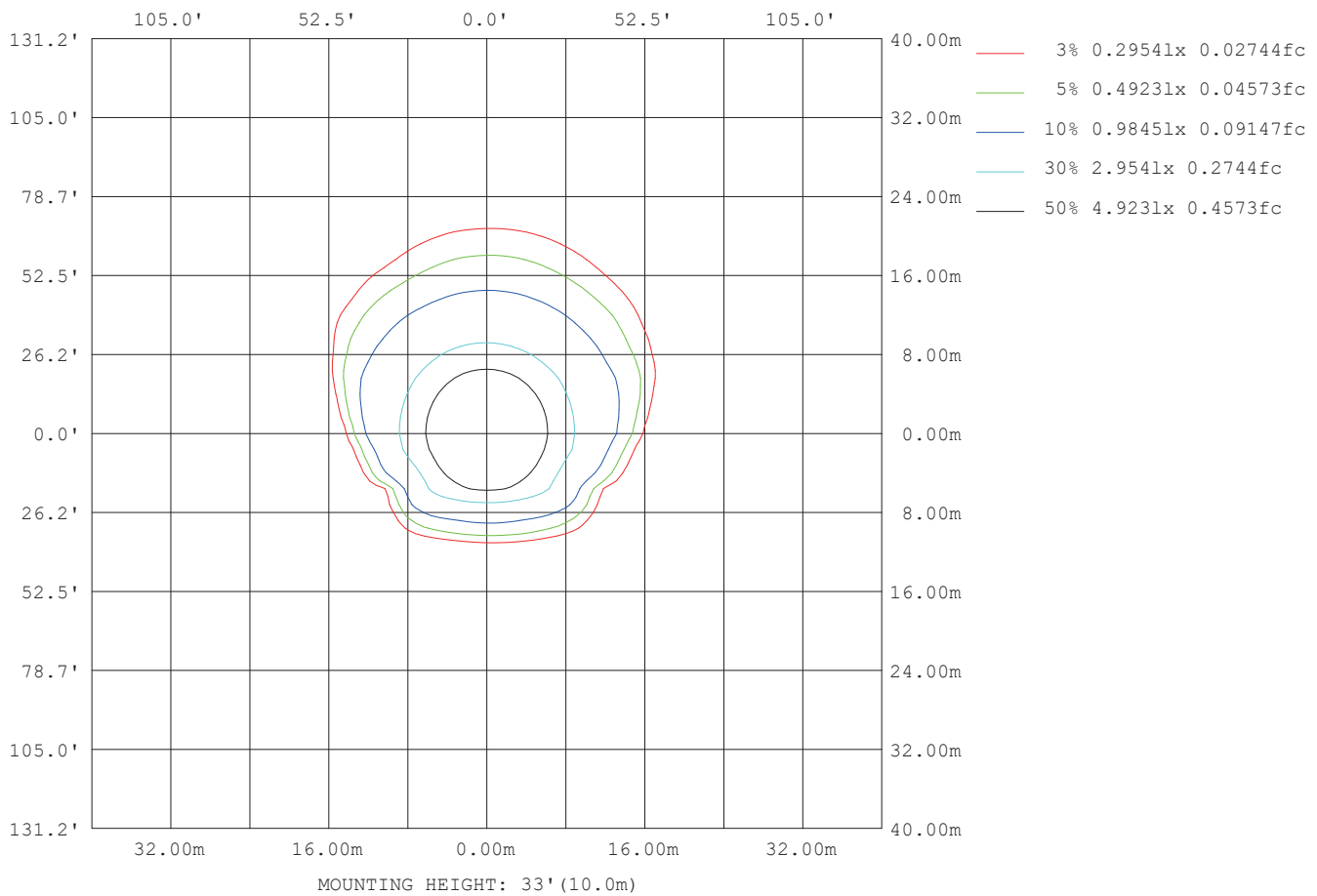
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2021-11-08

☒ Range: 0 - 90DEG
☒ 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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2021-11-08

☒ Range: 0 - 90DEG
☒ 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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

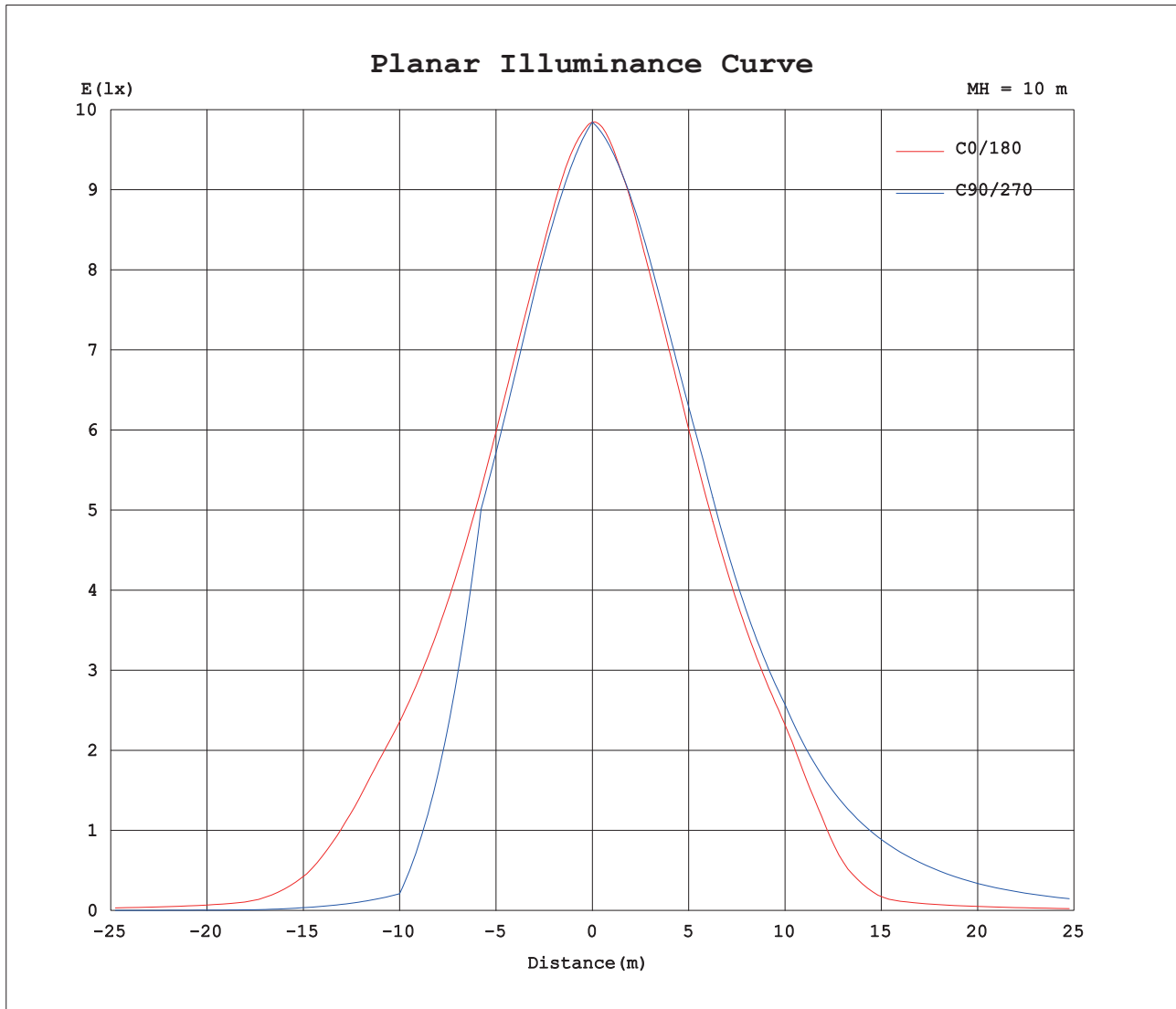
AvgL	cd/m2
L_0~180 (65) av	14945
L_0~180 (75) av	15261
L_0~180 (85) av	13526
L_90~270 (65) av	41665
L_90~270 (75) av	25776
L_90~270 (85) av	0
L_45 (65) av	31307
L_45 (75) av	21876
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:QC
 Test Date:2021-11-08

☒ Range: 0 - 90DEG
☒ 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: 2021-11-08

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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:27.3DEG
Operators:QC
Test Date:2021-11-08

Range: 0 - 90DEG
 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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:27.3DEG
Operators:QC
Test Date:2021-11-08

Range: 0 - 90DEG
 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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--3

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:27.3DEG
Operators:QC
Test Date:2021-11-08

Range: 0 - 90DEG
 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:120.1V I:0.1635A P:19.46W PF:0.9910 Lamp Flux:2039.59x1 lm		
NAME: ASD-LSR-20AC	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--4

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:27.3DEG
Operators:QC
Test Date:2021-11-08

Range: 0 - 90DEG
 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	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5
2.5	977.4	976.2	975.0	974.0	973.0	972.1	971.4	970.7	970.1	969.6
5.0	968.0	965.7	963.6	961.6	959.8	958.2	956.8	955.6	954.6	953.7
7.5	956.3	953.2	950.4	947.9	945.7	943.7	942.0	940.6	939.4	938.3
10.0	940.9	937.3	934.2	931.6	929.4	927.6	926.1	924.8	923.7	922.8
12.5	924.1	920.1	916.8	914.0	911.9	910.3	909.1	908.2	907.7	907.4
15.0	907.7	903.5	900.0	897.2	894.9	893.5	892.6	892.0	891.7	891.7
17.5	892.8	888.1	884.2	881.2	879.0	877.5	876.7	876.3	876.6	877.0
20.0	878.3	873.1	868.8	865.6	863.2	861.6	861.0	861.2	861.9	862.6
22.5	862.6	856.9	852.4	849.1	846.9	845.6	845.3	845.6	847.2	844.2
25.0	846.4	840.1	835.2	831.7	829.5	828.6	828.9	830.1	826.3	823.2
27.5	829.0	822.0	816.7	813.0	811.1	810.8	811.7	808.3	804.7	802.1
30.0	810.5	803.0	797.5	793.9	792.0	791.7	789.7	785.4	782.9	780.8
32.5	791.1	783.1	777.3	773.6	772.1	772.2	763.2	760.6	759.5	759.2
35.0	770.8	762.3	756.3	752.9	751.8	741.2	730.1	729.5	734.0	736.2
37.5	749.0	740.0	734.1	731.0	730.9	700.5	686.5	688.9	700.1	711.1
40.0	725.5	716.2	710.4	708.0	689.6	643.5	628.2	634.8	655.2	655.3
42.5	698.3	685.7	680.9	681.9	628.3	566.9	547.8	564.5	582.7	538.3
45.0	666.9	638.4	626.6	634.3	548.2	471.9	445.1	470.1	464.5	424.1
47.5	630.6	577.7	547.2	529.7	443.4	364.3	323.3	345.2	348.8	312.0
50.0	559.8	480.4	434.9	400.9	325.7	250.8	208.4	238.4	243.2	208.7
52.5	451.7	361.9	297.1	265.6	216.9	139.8	139.8	156.3	154.1	113.5
55.0	317.5	242.2	183.6	164.9	131.8	74.21	90.62	98.81	84.38	38.57
57.5	199.7	147.4	99.97	101.8	78.75	60.85	60.76	61.67	37.71	33.74
60.0	112.1	94.48	75.14	68.42	55.53	51.18	46.62	38.06	32.92	28.90
62.5	83.40	72.84	64.17	57.91	49.81	44.16	38.53	32.53	28.08	24.04
65.0	72.03	64.48	57.49	51.29	44.57	38.40	32.86	27.70	23.21	19.15
67.5	65.31	58.25	51.68	45.45	39.04	32.95	27.61	22.70	18.29	14.23
70.0	59.88	52.80	46.01	39.60	33.52	27.41	22.19	17.50	13.58	11.25
72.5	53.91	46.87	40.35	33.89	27.72	21.75	16.67	12.81	10.49	8.415
75.0	48.05	40.82	34.34	27.84	21.53	15.94	11.87	9.356	7.278	5.478
77.5	41.55	34.30	27.71	21.01	15.10	10.83	8.042	5.798	3.966	2.452
80.0	34.87	27.74	21.09	13.63	9.349	6.561	4.099	2.141	0.5753	0.2107
82.5	27.96	20.49	12.65	7.045	4.614	2.161	0.2501	0.1541	0.0829	0.0288
85.0	20.23	11.17	5.325	2.315	0.2661	0.1026	0	0	0	0
87.5	10.03	4.582	1.210	0	0	0	0	0	0	0
90.0	4.013	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	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5
2.5	969.2	968.9	968.7	968.7	968.6	968.5	968.6	968.8	969.1	969.2
5.0	953.0	952.6	952.3	952.3	952.3	952.6	952.9	953.2	953.7	953.9
7.5	937.5	936.9	936.5	936.4	936.4	936.7	937.2	937.6	938.2	938.4
10.0	922.2	921.7	921.3	921.1	921.1	921.3	921.7	922.2	922.8	922.9
12.5	906.9	906.6	906.4	906.2	906.2	906.4	906.5	906.9	907.4	907.4
15.0	891.9	892.1	891.8	891.9	891.8	891.8	891.7	891.7	892.0	891.7
17.5	877.4	877.8	877.4	875.4	874.1	873.0	872.4	871.8	871.9	871.8
20.0	861.9	859.4	857.4	855.8	854.2	853.2	852.4	851.9	851.9	851.7
22.5	841.4	839.4	837.6	836.2	834.6	833.5	832.6	832.1	831.8	831.6
25.0	820.9	819.0	817.8	816.4	815.1	813.8	812.8	812.2	811.8	811.6
27.5	800.2	798.8	797.8	796.9	795.8	794.3	793.2	792.3	791.7	791.5
30.0	779.4	778.5	777.8	777.4	776.4	775.0	773.8	772.5	771.6	771.5
32.5	758.4	758.3	758.0	757.9	721.2	692.1	670.9	657.8	653.0	656.6
35.0	737.5	737.8	689.5	643.3	605.4	575.2	553.1	539.4	534.3	537.8
37.5	698.8	633.5	576.7	528.5	489.2	458.0	435.2	421.1	415.7	419.0
40.0	588.4	522.2	463.2	413.4	372.7	340.6	317.3	302.7	297.0	300.1
42.5	477.8	410.4	349.3	297.9	255.9	223.1	199.3	184.3	178.4	181.1
45.0	365.4	297.7	235.0	182.0	139.0	105.3	81.14	65.93	59.71	62.11
47.5	253.5	185.1	120.4	65.81	53.18	53.50	53.33	52.53	51.22	49.08
50.0	145.2	73.02	44.17	44.68	45.21	45.20	44.78	43.93	42.74	40.93
52.5	42.32	38.61	37.64	37.45	37.42	37.00	36.27	35.32	34.25	32.83
55.0	35.46	33.09	31.48	30.51	29.84	28.89	27.79	26.71	25.76	24.76
57.5	30.42	27.81	25.63	23.86	22.44	20.88	19.35	18.10	17.27	16.73
60.0	25.42	22.62	20.01	17.46	15.21	12.98	10.95	9.490	8.780	8.747
62.5	20.49	17.52	14.58	11.48	10.20	9.200	8.360	7.744	7.364	7.126
65.0	15.56	12.80	11.24	9.573	8.397	7.516	6.790	6.264	5.948	5.757
67.5	11.93	10.41	9.037	7.605	6.566	5.813	5.207	4.779	4.532	4.391
70.0	9.355	7.958	6.774	5.592	4.709	4.093	3.614	3.290	3.116	3.028
72.5	6.722	5.466	4.469	3.528	2.828	2.357	2.013	1.798	1.700	1.667
75.0	4.024	2.941	2.115	1.418	0.9270	0.6070	0.4037	0.3030	0.2845	0.3071
77.5	1.268	0.3869	0.2295	0.1972	0.1724	0.1541	0.1414	0.1377	0.1423	0.1413
80.0	0.1560	0.1131	0.0794	0.0532	0.0330	0.0182	0.0080	0.0020	0	0.0021
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: 2021-11-08

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	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5
2.5	969.5	969.8	970.3	970.8	971.2	971.8	972.5	973.3	974.1	975.0
5.0	954.3	954.6	955.1	955.7	956.2	957.0	957.8	958.7	959.7	960.9
7.5	938.7	939.1	939.4	939.9	940.3	940.8	941.3	942.0	943.0	944.2
10.0	923.1	923.3	923.5	923.7	923.8	924.0	924.4	924.9	925.6	926.7
12.5	907.5	907.6	907.8	907.6	907.6	907.7	907.7	908.5	909.7	911.3
15.0	891.8	892.2	892.1	892.1	892.0	892.0	892.5	893.1	893.8	894.4
17.5	872.2	872.9	873.6	875.0	876.5	877.1	877.4	877.1	877.2	877.4
20.0	852.1	852.6	853.5	854.4	855.9	858.0	860.4	861.8	861.4	861.5
22.5	832.0	832.4	833.1	834.0	835.5	837.1	839.5	842.5	846.4	846.1
25.0	811.9	812.3	812.7	813.6	814.7	816.2	818.4	821.4	825.1	830.2
27.5	791.8	792.3	792.5	793.2	794.1	795.3	797.0	799.5	802.7	807.1
30.0	771.8	772.1	772.4	773.0	773.4	774.1	775.4	776.4	778.0	781.0
32.5	668.3	668.1	716.2	752.7	752.8	753.0	752.5	751.1	748.2	746.4
35.0	549.7	569.9	599.1	636.8	683.1	731.1	727.7	720.3	707.8	695.6
37.5	430.9	451.6	481.7	520.9	568.9	624.4	682.7	679.0	647.3	628.8
40.0	311.9	333.0	363.9	404.4	454.3	511.0	566.2	600.2	569.2	545.0
42.5	192.8	214.1	245.8	287.5	339.2	397.1	448.7	470.3	470.0	423.3
45.0	73.61	95.10	127.4	170.5	223.9	283.2	331.8	353.1	341.6	280.4
47.5	46.27	43.46	41.13	53.38	109.0	170.8	220.6	248.4	225.2	188.8
50.0	38.63	36.43	34.70	33.57	33.54	61.71	120.8	154.3	142.2	122.7
52.5	31.12	29.58	28.52	28.01	28.42	29.56	32.84	78.15	88.39	72.89
55.0	23.72	22.93	22.54	22.65	23.44	24.82	26.82	29.20	50.05	46.11
57.5	16.43	16.44	16.75	17.44	18.57	20.17	22.24	24.65	27.48	33.93
60.0	9.234	10.08	11.14	12.37	13.78	15.54	17.69	20.11	22.94	26.39
62.5	7.020	7.072	7.287	7.564	9.061	10.94	13.13	15.52	18.35	21.62
65.0	5.689	5.762	5.982	6.241	6.489	6.767	8.565	10.92	13.70	16.86
67.5	4.362	4.452	4.670	4.923	5.184	5.477	5.763	6.311	8.955	11.98
70.0	3.037	3.145	3.358	3.608	3.882	4.185	4.466	4.680	4.656	6.934
72.5	1.714	1.839	2.046	2.295	2.578	2.899	3.197	3.462	3.459	3.133
75.0	0.3926	0.5331	0.7330	0.9847	1.279	1.618	1.947	2.264	2.355	2.198
77.5	0.1491	0.1624	0.1817	0.2078	0.2419	0.3390	0.7168	1.091	1.326	1.365
80.0	0.0084	0.0192	0.0348	0.0560	0.0837	0.1192	0.1644	0.2221	0.3625	0.6252
82.5	0	0	0	0	0	0	0	0.0303	0.0874	0.1624
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	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5
2.5	975.9	976.9	978.0	979.1	980.3	981.6	982.9	982.2	981.5	980.9
5.0	962.1	963.6	965.3	967.1	969.2	971.5	973.9	972.7	971.6	970.7
7.5	945.5	947.1	949.0	951.2	953.8	956.7	959.9	958.5	957.4	956.6
10.0	928.5	930.7	933.3	936.3	939.7	943.5	947.6	946.0	944.7	943.7
12.5	913.0	914.9	917.2	920.0	923.1	926.9	931.4	930.2	929.6	929.6
15.0	895.3	896.7	898.7	901.2	904.5	908.5	913.3	912.5	912.4	913.0
17.5	878.1	879.7	881.9	884.8	888.5	893.1	898.4	897.8	898.0	898.9
20.0	862.3	863.8	865.8	868.8	872.9	877.9	883.8	883.3	883.7	884.9
22.5	846.2	847.5	849.4	852.4	856.6	861.9	868.3	868.0	868.8	870.6
25.0	829.7	830.3	832.1	835.0	839.1	844.7	851.6	851.4	852.5	855.0
27.5	812.5	812.4	813.2	815.7	819.8	825.5	832.9	832.7	834.2	837.4
30.0	787.7	793.0	793.2	795.5	799.3	805.2	813.2	812.9	814.7	818.5
32.5	751.4	772.3	772.5	774.4	778.4	784.4	792.9	792.4	794.4	798.5
35.0	701.3	729.2	751.1	752.5	756.1	762.1	770.7	770.4	772.9	777.8
37.5	635.8	667.2	729.3	729.6	732.4	738.2	747.5	747.1	749.8	755.7
40.0	539.1	584.5	674.8	701.3	700.7	707.8	722.1	721.7	725.1	732.2
42.5	424.5	493.6	589.4	646.8	641.4	659.5	694.1	693.8	698.1	706.7
45.0	311.4	382.4	469.3	545.3	552.6	590.2	656.1	659.2	667.9	678.9
47.5	183.8	258.8	343.9	392.0	412.3	475.1	570.6	594.1	625.0	644.6
50.0	84.01	157.2	219.2	231.4	271.8	345.5	440.7	484.6	548.7	588.8
52.5	57.31	79.47	124.4	136.8	148.2	201.4	267.9	327.4	424.6	487.5
55.0	45.81	47.75	74.20	73.69	81.96	117.4	148.1	193.1	275.0	339.9
57.5	37.58	41.17	48.83	55.66	61.06	71.39	82.77	105.1	160.6	203.3
60.0	31.21	35.73	40.83	47.26	52.92	60.09	67.77	77.13	91.97	116.1
62.5	25.87	30.62	35.80	41.34	47.32	53.28	60.04	66.81	75.73	85.61
65.0	20.90	25.58	30.68	36.11	41.80	47.75	54.29	60.50	67.14	75.01
67.5	15.82	20.52	25.51	30.80	36.37	42.35	48.62	54.91	61.11	68.15
70.0	10.59	15.24	20.23	25.18	31.01	37.04	43.06	49.48	55.72	62.06
72.5	5.274	9.849	14.55	19.36	25.17	31.40	37.40	44.04	50.28	56.55
75.0	1.972	4.369	8.927	13.21	18.65	24.70	30.94	37.47	44.07	51.27
77.5	1.344	1.253	3.470	7.686	12.08	18.15	24.56	31.00	37.67	44.64

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2021-11-08

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	0.7754	0.8010	0.5319	2.876	5.491	11.31	17.85	24.48	31.70	38.20
82.5	0.2637	0.4229	0.3428	0.3056	1.867	4.664	10.64	17.42	24.38	31.41
85.0	0	0.0952	0.2289	0.2737	0.2902	0.3307	3.349	10.30	17.05	24.15
87.5	0	0	0	0	0.2049	0.2682	0.3040	3.185	8.189	0
90.0	0	0	0	0	0	0	0.1636	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	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5
2.5	980.3	979.7	979.3	978.9	978.4	978.0	977.6	977.3	977.0	976.8
5.0	969.9	969.3	968.9	968.6	968.4	968.2	968.1	968.0	967.9	967.8
7.5	956.2	955.9	955.9	956.1	956.3	956.6	957.0	957.4	957.8	958.1
10.0	943.0	942.7	942.6	942.8	943.5	944.7	945.6	946.6	947.5	948.3
12.5	929.8	930.3	931.1	932.0	932.8	933.5	934.5	936.3	937.5	938.6
15.0	914.1	915.7	917.6	919.9	922.0	923.8	925.4	926.7	928.4	929.7
17.5	900.4	902.4	904.8	907.7	910.8	913.8	916.3	918.5	919.4	919.8
20.0	887.0	890.2	893.5	897.0	900.6	904.3	906.1	906.4	907.0	907.2
22.5	873.3	877.0	881.1	886.3	891.4	891.3	891.6	892.7	893.9	895.0
25.0	858.6	863.3	868.7	874.7	874.6	875.9	876.8	878.4	880.6	882.5
27.5	842.2	848.2	855.0	856.6	857.5	858.9	861.4	863.9	866.7	869.6
30.0	823.9	831.3	836.2	837.3	839.3	842.1	845.1	848.9	852.6	856.6
32.5	804.8	813.5	814.4	817.3	820.5	824.2	828.7	833.2	838.3	843.0
35.0	784.9	789.7	792.2	796.2	801.1	806.2	811.7	817.6	818.6	819.4
37.5	764.3	765.6	769.0	774.6	781.3	788.0	792.8	793.2	794.2	795.8
40.0	738.7	739.9	744.7	752.0	760.6	766.7	766.2	767.5	769.8	772.3
42.5	710.1	712.3	718.5	728.2	736.8	736.8	738.6	741.6	745.3	748.7
45.0	678.3	682.4	690.5	702.4	702.2	705.3	710.3	715.1	720.4	724.9
47.5	642.6	648.6	660.7	662.7	664.7	671.5	680.0	687.8	695.1	701.3
50.0	597.8	610.1	620.5	617.1	624.2	635.0	648.5	660.0	657.3	648.7
52.5	523.9	560.5	560.7	564.3	578.6	596.7	615.2	605.4	595.9	591.1
55.0	411.6	471.8	487.1	501.6	527.9	551.9	545.9	539.2	533.1	532.3
57.5	276.6	349.1	390.6	430.1	468.1	473.1	474.6	472.6	469.4	472.4
60.0	167.7	227.5	279.9	345.3	377.6	391.1	401.9	404.8	405.1	411.4
62.5	103.8	143.5	173.9	253.1	292.2	306.5	326.6	336.7	340.2	350.5
65.0	84.23	100.0	114.9	179.0	215.1	222.8	248.9	271.7	289.2	304.4
67.5	75.13	82.78	93.71	127.6	147.4	141.8	193.2	232.8	247.6	259.4
70.0	69.39	75.58	84.00	96.75	97.25	115.7	161.2	194.9	207.2	215.6
72.5	63.51	69.53	76.57	82.49	89.74	102.0	133.7	159.4	167.9	172.6
75.0	57.30	64.22	70.49	76.51	83.18	91.93	111.0	125.9	129.6	130.5
77.5	51.44	58.18	64.36	70.74	77.31	84.10	92.07	94.45	87.47	80.71
80.0	45.11	51.71	58.38	65.25	71.89	63.17	50.80	39.76	30.13	21.69
82.5	38.20	45.44	50.26	36.36	22.28	8.573	0	0	0	0
85.0	28.05	14.36	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	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5
2.5	976.5	976.2	975.9	975.7	975.6	975.3	975.0	974.9	974.7	974.6
5.0	967.6	967.4	967.2	966.9	966.7	966.2	965.8	965.2	964.6	964.1
7.5	958.3	958.5	958.3	958.1	957.8	957.2	956.5	955.6	954.7	954.0
10.0	948.8	949.2	949.4	949.2	948.9	948.3	947.4	946.4	945.4	944.6
12.5	939.5	940.1	940.4	940.3	939.9	939.4	938.6	937.6	936.7	935.7
15.0	930.7	931.3	931.5	931.3	931.0	930.7	930.1	929.4	928.4	927.2
17.5	920.0	920.2	920.3	920.1	919.8	919.5	918.4	918.4	917.9	917.2
20.0	908.2	908.6	908.8	908.7	908.5	908.2	907.5	906.8	905.8	904.6
22.5	896.0	896.9	897.4	897.4	897.3	896.9	896.1	895.1	893.5	891.7
25.0	883.8	885.2	885.9	886.0	886.0	885.6	884.6	883.3	881.0	878.6
27.5	871.8	873.5	874.5	874.6	874.8	874.4	873.2	871.3	868.5	865.5
30.0	859.8	861.7	863.2	863.2	863.5	863.2	861.9	859.3	856.0	852.4
32.5	843.4	843.0	842.4	841.3	841.0	840.9	840.6	839.7	839.0	839.4
35.0	820.4	820.4	820.0	819.0	818.5	818.1	817.4	816.0	814.8	814.7
37.5	797.4	797.9	797.6	796.8	795.9	795.3	794.1	792.2	790.6	789.8
40.0	774.1	775.3	775.3	774.5	773.4	772.4	770.8	768.5	766.5	764.9
42.5	751.0	752.7	752.1	752.2	750.9	749.5	747.4	744.8	742.2	739.6
45.0	728.0	730.0	730.9	729.9	728.3	726.6	724.1	720.9	717.7	713.9
47.5	696.4	690.9	687.4	684.2	682.4	682.0	682.2	683.2	686.4	687.9
50.0	643.2	640.5	639.4	637.4	636.5	636.3	636.2	636.2	637.8	640.2
52.5	589.3	589.6	591.1	590.5	590.6	590.7	590.1	589.0	588.6	588.5
55.0	534.3	538.0	542.5	543.4	544.6	545.1	544.0	541.7	538.9	536.3
57.5	478.4	485.9	493.8	496.4	498.7	499.4	497.8	494.3	488.9	483.9
60.0	422.1	433.4	444.8	449.2	452.8	453.8	451.5	446.8	438.6	430.9
62.5	368.3	381.6	392.6	396.4	399.5	401.0	400.0	396.5	388.4	377.8
65.0	319.5	330.6	339.9	343.4	346.2	347.9	347.5	345.1	338.9	330.5
67.5	271.3	280.1	287.3	290.4	293.0	294.9	295.2	294.1	289.9	284.1
70.0	223.8	229.9	235.0	237.4	239.7	241.9	243.0	243.2	241.4	238.4

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2021-11-08

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	177.0	180.0	182.7	184.5	186.4	188.9	190.9	192.5	193.3	193.4
75.0	130.7	130.4	130.7	131.5	133.1	135.9	138.9	142.1	145.7	148.9
77.5	75.02	70.56	67.71	66.38	66.57	68.62	72.21	77.40	84.61	93.67
80.0	14.35	8.314	3.805	0.9754	0	1.009	4.060	9.128	16.20	25.20
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	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5	984.5
2.5	974.4	974.3	974.2	974.2	974.3	974.4	974.6	974.9	975.2	975.6
5.0	963.6	963.2	962.9	962.9	962.9	963.1	963.3	963.7	964.3	965.0
7.5	953.4	952.9	952.5	952.1	951.9	951.8	951.8	952.0	952.4	952.9
10.0	943.8	942.9	942.1	941.3	940.4	939.7	939.0	938.5	938.2	938.2
12.5	934.5	933.2	931.8	930.1	928.3	926.6	925.2	923.9	922.9	922.4
15.0	925.6	923.8	921.5	919.1	916.6	914.1	912.0	910.0	908.4	907.3
17.5	916.7	914.7	912.0	908.9	905.7	902.6	899.6	897.2	895.0	893.3
20.0	903.3	902.3	901.6	899.7	895.7	891.8	887.9	884.5	881.9	879.8
22.5	889.9	888.3	887.2	886.6	886.1	880.8	876.3	871.9	868.3	865.4
25.0	876.3	874.3	872.6	871.0	870.3	869.8	863.9	858.6	853.9	850.2
27.5	862.7	860.0	857.4	855.3	853.4	852.6	851.0	844.5	838.7	834.1
30.0	848.9	845.5	842.0	838.7	836.3	834.3	833.7	829.6	822.8	817.5
32.5	835.2	830.6	826.1	822.1	818.5	815.8	814.1	814.3	806.4	799.6
35.0	815.3	815.7	810.2	805.2	800.5	796.5	794.0	793.0	788.7	780.4
37.5	789.4	789.6	791.7	787.8	781.9	776.6	772.1	769.6	769.3	759.5
40.0	763.2	762.1	762.7	766.3	762.3	754.6	747.7	744.0	743.7	736.7
42.5	736.2	733.4	732.1	733.4	738.0	730.3	721.6	715.8	714.0	710.9
45.0	708.9	703.9	700.0	699.1	700.4	704.6	692.7	684.3	681.0	681.8
47.5	681.1	673.1	666.2	662.0	660.7	662.8	660.8	649.5	644.3	645.1
50.0	643.3	640.9	630.8	623.2	618.7	616.5	620.4	611.4	602.3	603.0
52.5	589.2	590.7	593.9	583.0	574.3	565.2	563.7	568.1	555.5	551.8
55.0	534.8	533.9	534.4	539.2	525.6	507.1	498.0	509.6	492.2	463.7
57.5	479.7	476.0	473.5	474.8	470.7	443.0	426.2	428.4	404.6	361.0
60.0	424.3	417.8	411.7	409.5	397.6	369.2	349.6	334.1	309.8	249.4
62.5	368.8	358.5	349.8	342.7	326.8	298.0	269.0	246.0	211.9	160.8
65.0	319.9	301.1	287.2	276.3	260.3	234.9	201.9	170.3	142.4	105.6
67.5	275.8	260.1	238.5	211.3	197.1	181.4	153.6	119.2	103.2	88.84
70.0	232.8	220.5	203.3	176.8	146.1	135.2	120.2	100.00	87.88	79.26
72.5	190.7	182.7	170.6	150.1	126.9	105.4	98.23	88.35	79.91	73.35
75.0	149.8	146.7	139.9	126.8	110.7	95.81	86.77	80.88	73.67	67.68
77.5	103.4	112.0	111.3	106.3	97.43	87.79	80.36	74.46	68.14	61.45
80.0	35.66	47.18	59.86	74.33	86.37	80.74	74.32	68.06	62.05	55.24
82.5	0	0	0	10.09	26.73	45.13	65.39	62.00	55.25	48.75
85.0	0	0	0	0	0	0	0	19.98	42.87	41.48
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	984.5	984.5								
2.5	976.1	976.7								
5.0	965.8	966.8								
7.5	953.8	954.9								
10.0	938.7	939.6								
12.5	922.4	922.9								
15.0	906.8	906.9								
17.5	892.4	892.2								
20.0	878.4	877.9								
22.5	863.4	862.5								
25.0	847.7	846.5								
27.5	831.0	829.2								
30.0	813.4	811.1								
32.5	794.8	791.9								
35.0	774.6	771.4								
37.5	752.9	749.4								
40.0	728.9	725.3								
42.5	701.9	697.7								
45.0	671.4	665.9								
47.5	636.6	630.4								
50.0	596.2	573.9								
52.5	530.0	482.3								
55.0	435.4	364.8								
57.5	319.7	242.4								
60.0	205.0	147.8								
62.5	119.8	94.28								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: QC
 Test Date: 2021-11-08

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	90.28	80.10
67.5	79.01	71.72
70.0	72.66	66.25
72.5	67.08	60.32
75.0	60.99	54.23
77.5	54.74	47.99
80.0	48.54	41.58
82.5	41.63	34.82
85.0	34.79	27.69
87.5	22.77	19.33
90.0	0	0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:27.3DEG
Operators:QC
Test Date:2021-11-08

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: