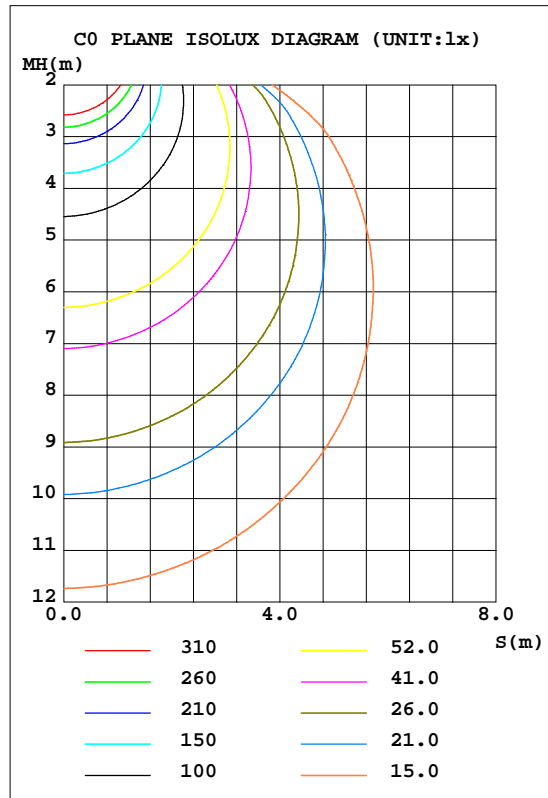
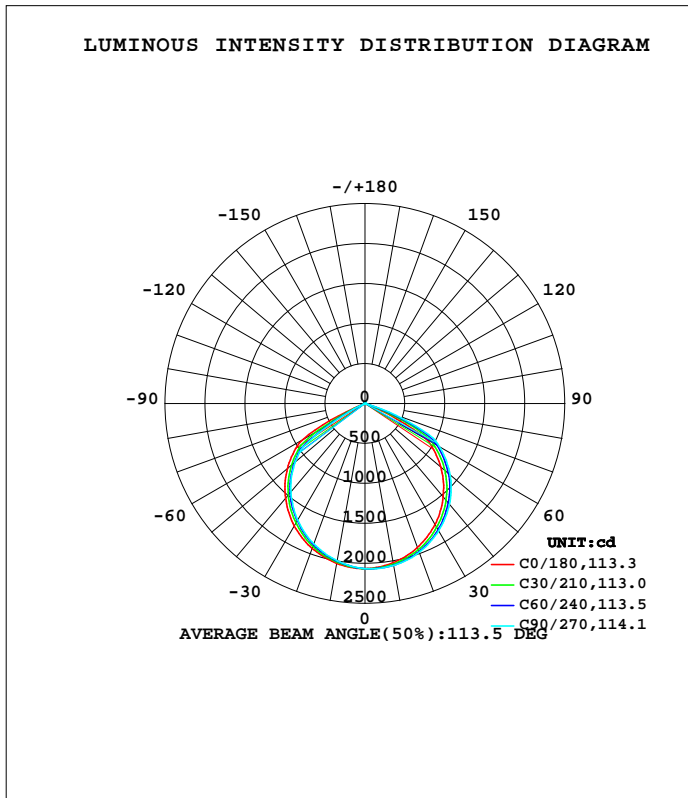


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.58 lm/W			
MODEL	ASD-GNL-40D40-PC-BK	I <sub>max</sub> (cd)	2070	S/MH(C0/180)	1.27
NOMINAL POWER(W)	40	LOR(%)	98.9	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	5144.6	h UP, DN(C0-180)	0.4,53.3
NOMINAL FLUX(lm)	5200	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.5,44.7
LAMPS INSIDE	1	h up(%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	98.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1358]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

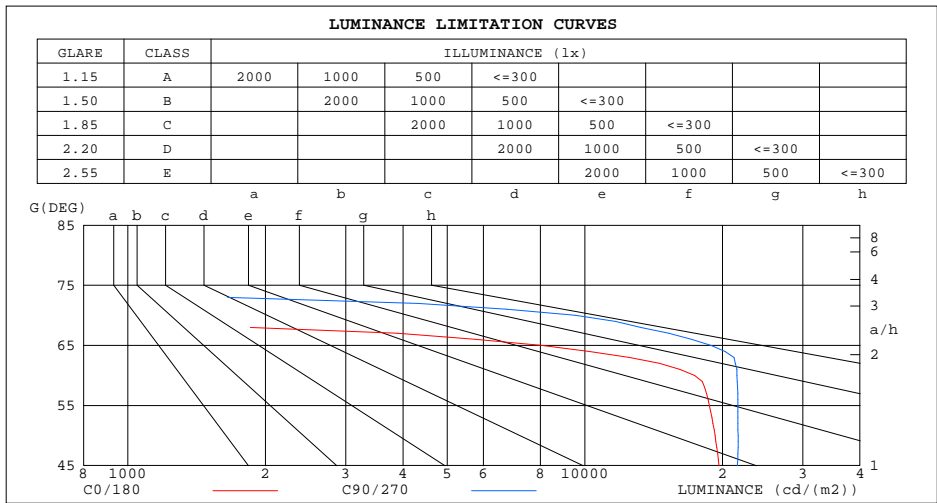
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	2023	2049	2058	2049	2031	2008	1999	2004	0- 10	195.3	195.3	3.8,3.76
20	1918	1961	1981	1969	1930	1889	1871	1882	10- 20	560.1	755.4	14.7,14.5
30	1752	1812	1841	1821	1769	1706	1684	1698	20- 30	852.8	1608	31.3,30.9
40	1523	1605	1644	1614	1544	1470	1443	1456	30- 40	1036	2644	51.4,50.9
50	1239	1337	1392	1353	1267	1166	1140	1156	40- 50	1083	3727	72.4,71.7
60	869.6	1012	1076	1031	889.0	554.4	399.9	564.3	50- 60	951.8	4679	90.9,90
70	13.55	154.6	326.7	170.0	13.45	3.031	2.960	3.164	60- 70	399.5	5078	98.7,97.7
80	2.812	2.996	3.098	3.025	2.596	2.217	2.095	2.312	70- 80	16.36	5095	99.98
90	1.462	1.863	2.069	1.929	1.198	1.589	1.812	1.661	80- 90	2.309	5097	99.1,98
100	3.155	2.551	2.351	2.581	2.730	3.340	3.648	3.423	90-100	2.370	5099	99.1,98.1
110	5.352	4.636	4.375	4.642	4.869	5.544	5.846	5.615	100-110	4.244	5104	99.2,98.1
120	7.586	6.875	6.621	6.864	7.019	7.682	7.954	7.742	110-120	6.142	5110	99.3,98.3
130	9.671	8.996	8.777	8.949	9.045	9.606	9.938	9.642	120-130	7.446	5117	99.5,98.4
140	11.38	10.80	10.66	10.68	10.74	11.20	11.49	11.22	130-140	7.875	5125	99.6,98.6
150	13.12	12.57	12.46	12.58	12.49	12.97	13.20	13.09	140-150	7.442	5133	99.8,98.7
160	14.49	14.29	14.25	14.21	14.08	14.37	14.56	14.53	150-160	6.281	5139	99.9,98.8
170	15.59	15.52	15.52	15.48	15.36	15.57	15.68	15.74	160-170	4.229	5143	100,98.9
180	16.08	16.21	16.14	16.26	16.09	16.21	16.13	16.27	170-180	1.512	5145	100,98.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1358]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	250	318
80	162	178
75	119	380
70	396	9552
65	8043	18873
60	17393	21519
55	18733	21625
50	19283	21656
45	19657	21569

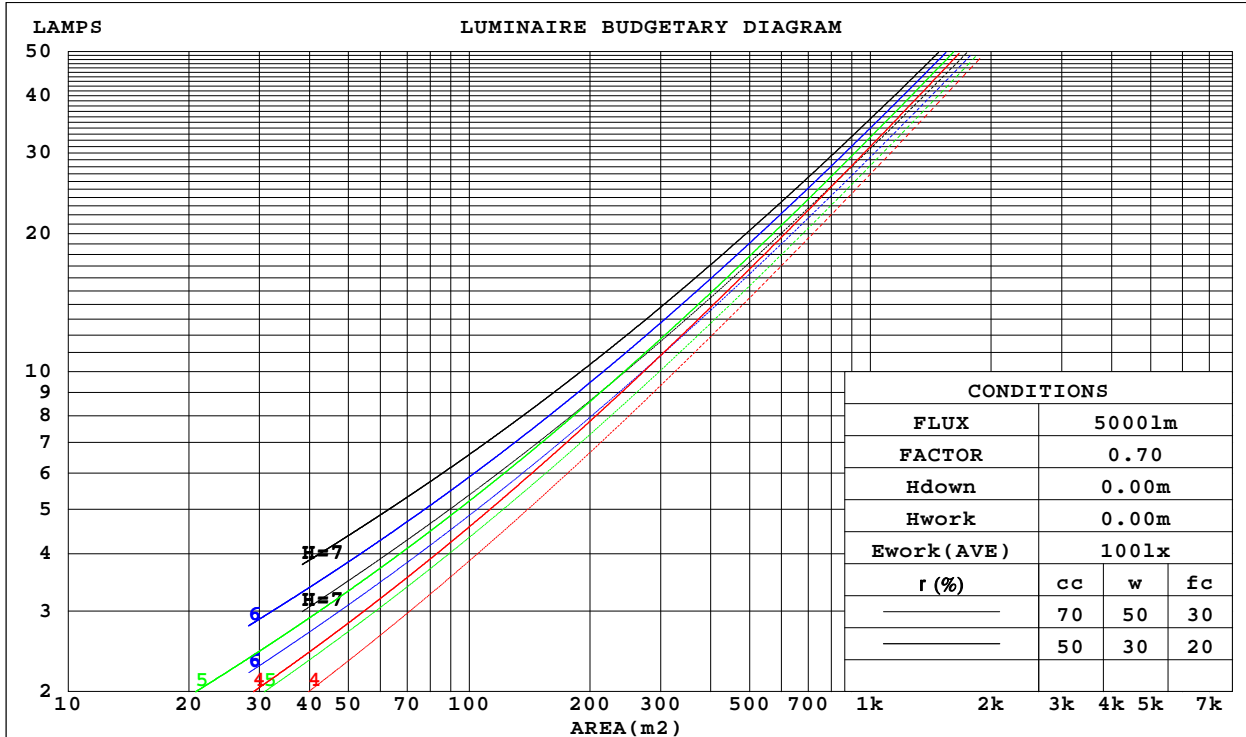
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.100m [K=1.1358]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

r <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.06	1.02	.99	1.03	1.00	.98	.99	.97	.94	.95	.93	.91	.92	.90	.88	.87
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.85	.82	.78	.82	.79	.77	.75
3.0	.84	.76	.71	.82	.75	.70	.79	.73	.69	.76	.72	.68	.74	.70	.66	.64
4.0	.75	.67	.61	.73	.66	.60	.71	.64	.59	.68	.63	.58	.66	.62	.58	.56
5.0	.67	.59	.53	.66	.58	.52	.64	.57	.52	.62	.56	.51	.60	.55	.50	.48
6.0	.60	.52	.46	.59	.52	.46	.58	.51	.45	.56	.50	.45	.54	.49	.45	.43
7.0	.55	.47	.41	.54	.46	.41	.52	.45	.40	.51	.45	.40	.49	.44	.40	.38
8.0	.50	.42	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.45	.40	.35	.34
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.42	.36	.32	.30
10.0	.42	.35	.30	.42	.34	.30	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1358]  
 Remarks:

WEC AND CCEC

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.245	.140	.044	.238	.136	.043	.225	.129	.041	.213	.123	.039	.201	.117	.038	
2.0	.243	.133	.041	.237	.131	.040	.225	.125	.039	.215	.120	.038	.205	.116	.036	
3.0	.233	.124	.037	.228	.122	.037	.218	.118	.036	.208	.114	.035	.199	.110	.034	
4.0	.221	.115	.034	.216	.113	.033	.207	.110	.033	.199	.107	.032	.191	.104	.032	
5.0	.209	.106	.031	.204	.105	.031	.196	.102	.030	.189	.099	.030	.181	.097	.029	
6.0	.196	.098	.028	.192	.097	.028	.185	.095	.028	.178	.093	.027	.172	.091	.027	
7.0	.185	.091	.026	.181	.090	.026	.175	.088	.025	.169	.086	.025	.163	.085	.025	
8.0	.174	.085	.024	.171	.084	.024	.165	.083	.024	.160	.081	.023	.154	.079	.023	
9.0	.164	.079	.022	.162	.079	.022	.156	.077	.022	.151	.076	.022	.147	.074	.022	
10.0	.155	.074	.021	.153	.074	.021	.148	.073	.020	.143	.071	.020	.139	.070	.020	

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.181	.162	.145	.155	.139	.125	.106	.096	.086	.061	.055	.050	.020	.018	.016	
2.0	.171	.138	.110	.147	.119	.095	.101	.082	.066	.058	.048	.039	.019	.015	.013	
3.0	.163	.120	.085	.140	.103	.074	.096	.072	.052	.056	.042	.031	.018	.014	.010	
4.0	.156	.106	.069	.134	.092	.060	.092	.064	.042	.053	.038	.025	.017	.012	.008	
5.0	.149	.096	.057	.128	.083	.049	.088	.058	.035	.051	.034	.021	.016	.011	.007	
6.0	.143	.088	.048	.123	.076	.042	.085	.053	.030	.049	.031	.018	.016	.010	.006	
7.0	.137	.081	.042	.118	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
8.0	.131	.075	.037	.113	.065	.032	.078	.046	.023	.045	.027	.014	.015	.009	.004	
9.0	.125	.070	.033	.108	.061	.029	.075	.043	.020	.044	.025	.012	.014	.008	.004	
10.0	.120	.066	.030	.104	.057	.026	.072	.040	.019	.042	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1358]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD LIGHTNG 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	23.2	24.7	23.6	25.1	25.4	24.0	25.5	24.4	25.8	26.2
3H	23.2	24.5	23.6	24.9	25.2	24.8	26.1	25.2	26.5	26.9
4H	23.1	24.4	23.5	24.7	25.1	24.7	26.0	25.2	26.4	26.8
6H	23.1	24.2	23.5	24.6	25.0	24.7	25.8	25.1	26.2	26.6
8H	23.0	24.1	23.5	24.5	24.9	24.6	25.7	25.1	26.1	26.6
12H	23.0	24.0	23.4	24.4	24.9	24.6	25.6	25.1	26.0	26.5
4H 2H	23.8	25.0	24.2	25.4	25.8	24.4	25.7	24.8	26.0	26.4
3H	23.7	24.7	24.1	25.1	25.6	25.2	26.2	25.6	26.6	27.0
4H	23.6	24.5	24.1	25.0	25.4	25.1	26.0	25.5	26.4	26.9
6H	23.6	24.3	24.0	24.8	25.3	25.0	25.8	25.5	26.3	26.7
8H	23.5	24.2	24.0	24.7	25.2	25.0	25.7	25.5	26.2	26.6
12H	23.5	24.1	24.0	24.6	25.1	24.9	25.6	25.4	26.1	26.6
8H 4H	23.5	24.3	24.0	24.7	25.2	25.0	25.7	25.5	26.2	26.6
6H	23.4	24.0	24.0	24.5	25.0	24.9	25.5	25.4	26.0	26.5
8H	23.4	23.9	23.9	24.4	25.0	24.8	25.4	25.4	25.9	26.4
12H	23.3	23.8	23.9	24.3	24.9	24.8	25.3	25.3	25.8	26.4
12H 4H	23.5	24.1	24.0	24.6	25.1	24.9	25.6	25.4	26.1	26.6
6H	23.4	23.9	23.9	24.4	25.0	24.8	25.4	25.4	25.9	26.4
8H	23.3	23.8	23.9	24.3	24.9	24.8	25.3	25.3	25.8	26.4
CIE190: 2010										

CIE190: 2010  
Area: 0.1 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-03-12

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:8.100m [K=1.1358]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

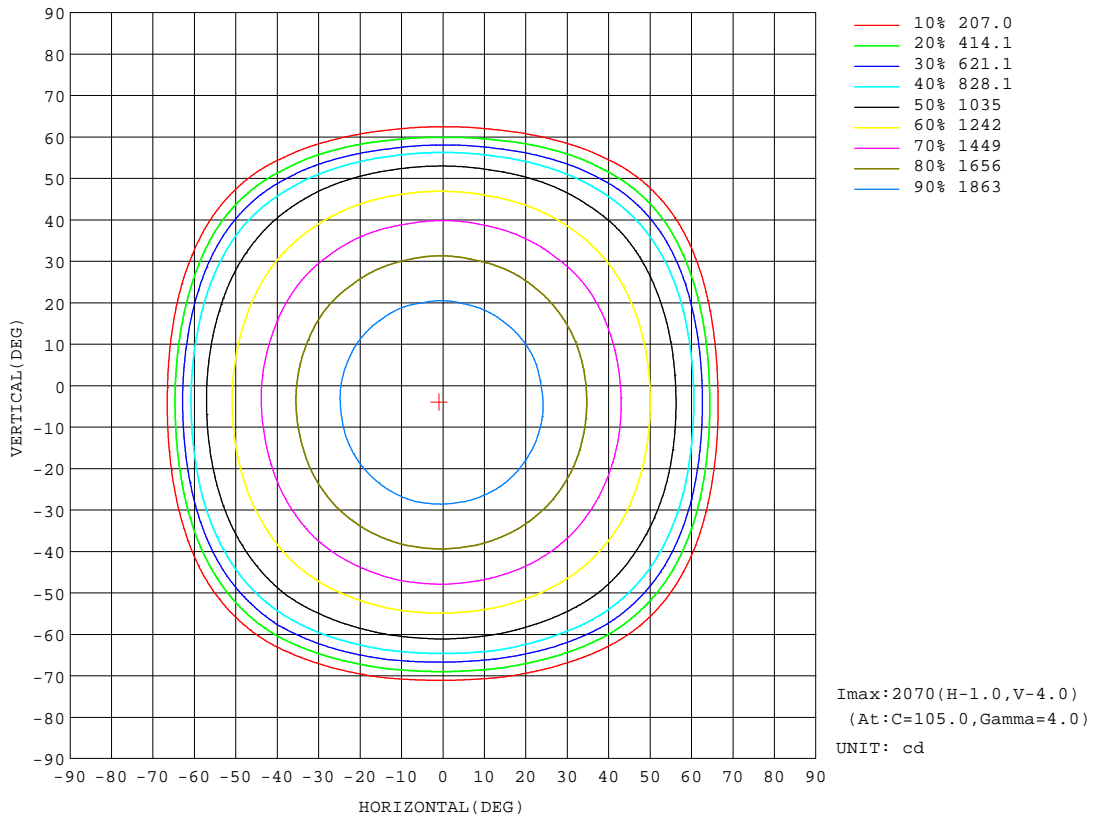
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	48	42	58	48	42	36
0.80	71	60	53	70	59	53	68	59	52	46
1.00	80	70	63	79	69	63	76	70	63	56
1.25	87	78	72	86	77	71	83	76	70	64
1.50	92	83	77	90	83	77	87	81	76	69
2.00	98	91	86	96	90	85	93	88	83	76
2.50	101	95	90	99	94	89	96	91	87	79
3.00	104	99	94	102	97	93	98	94	91	83
4.00	107	103	99	105	101	98	101	98	95	86
5.00	109	105	102	107	103	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.100m [K=1.1358]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



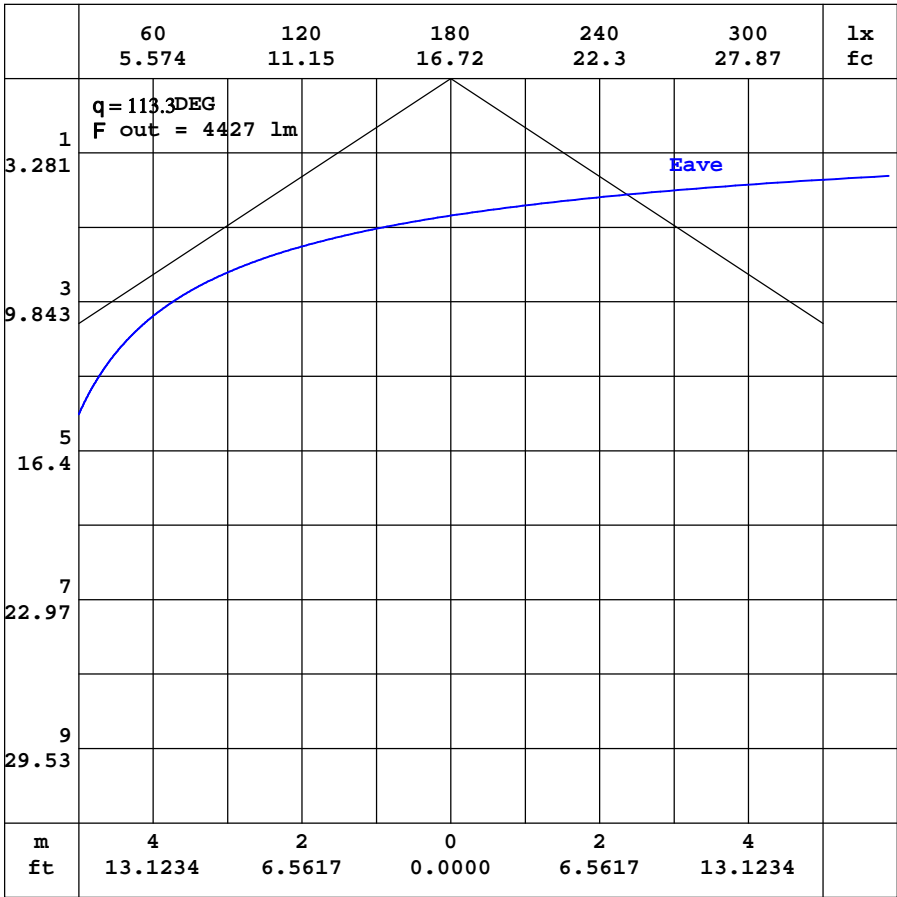
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1358]  
 Remarks:



AAI CURVES

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



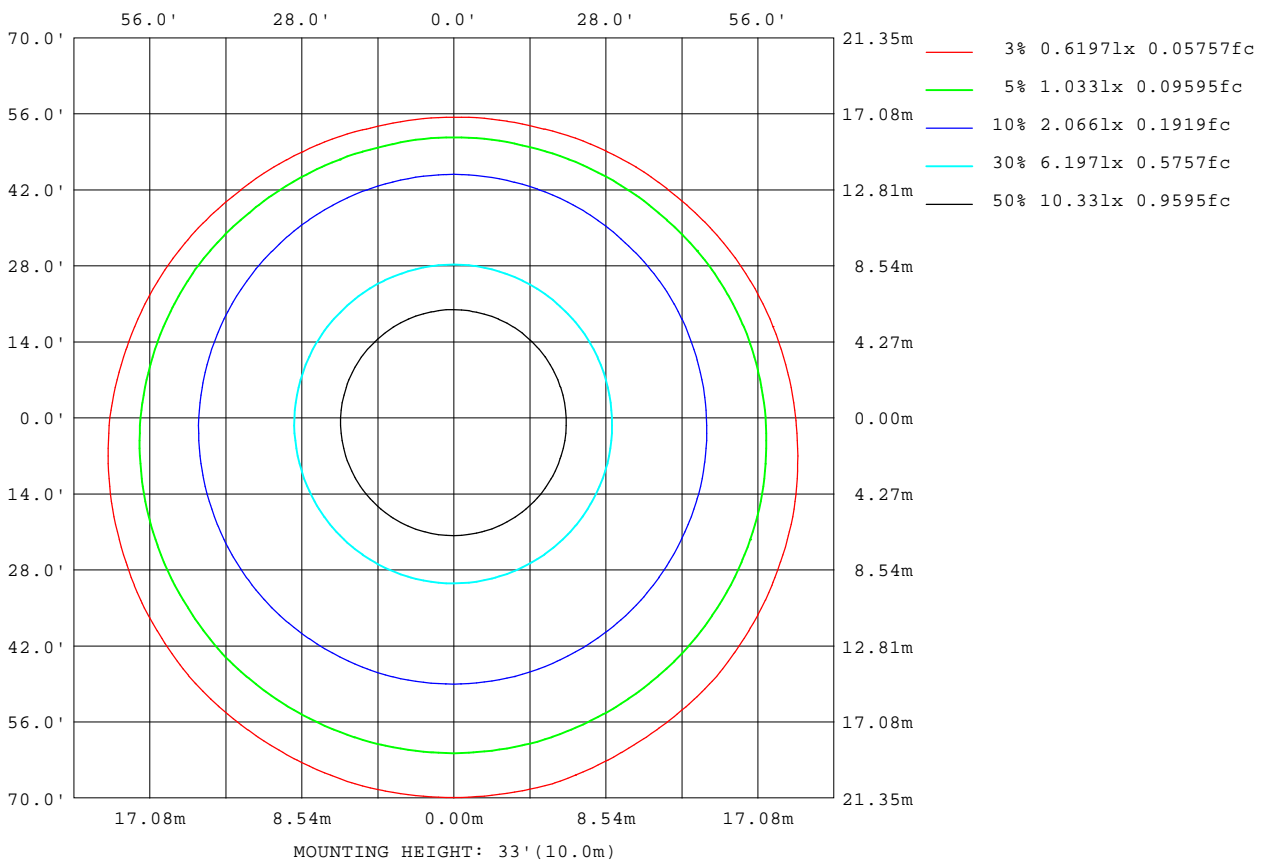
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1358]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.100m [K=1.1358]  
 Remarks:

LED Avg.L Report

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

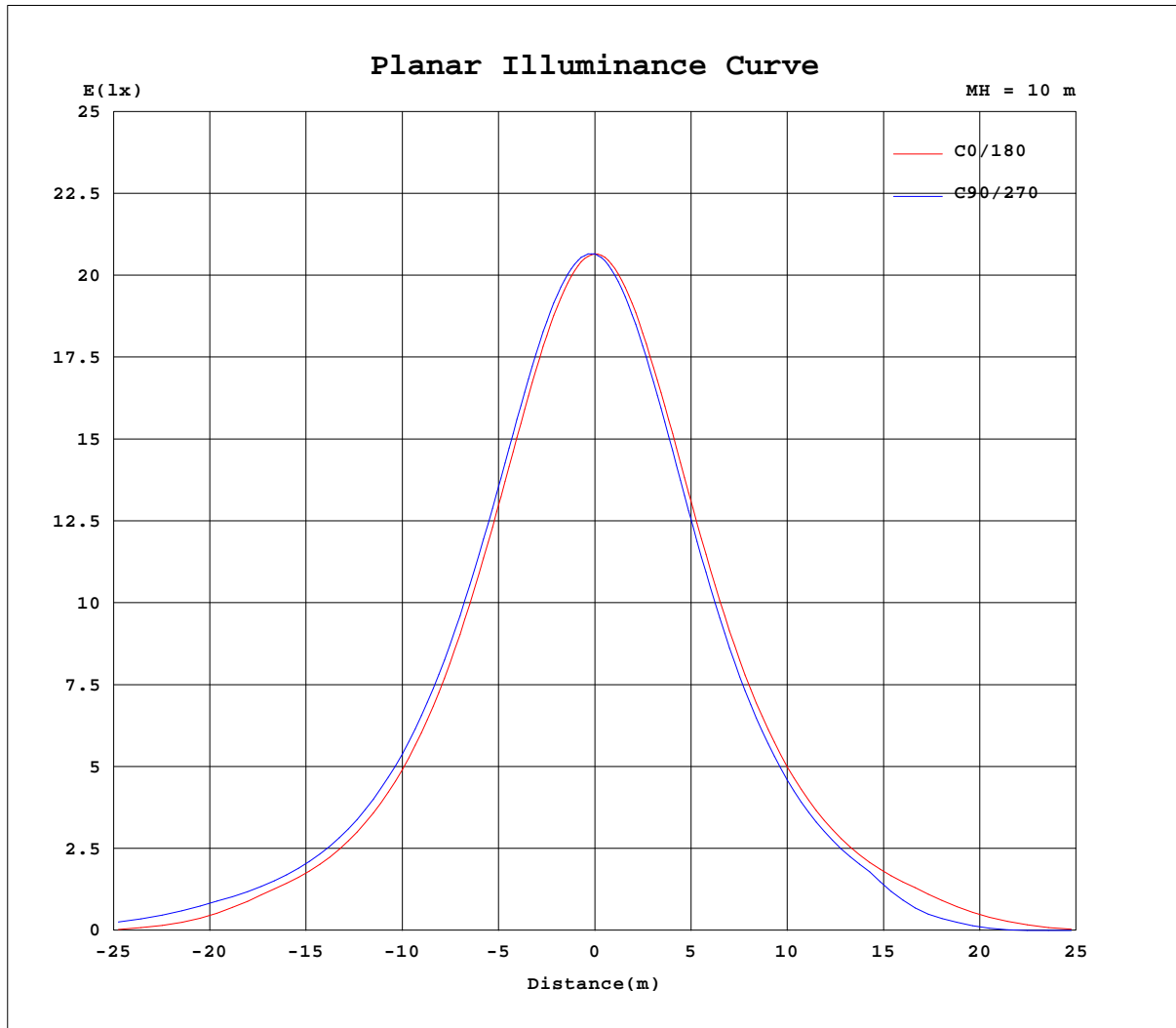
AvgL	cd/m2
L_0~180(65)av	8394
L_0~180(75)av	117
L_0~180(85)av	237
L_90~270(65)av	9786
L_90~270(75)av	241
L_90~270(85)av	243
L_45(65)av	9216
L_45(75)av	130
L_45(85)av	240

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1358]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.100m [K=1.1358]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2066	2066	2066	2065	2065	2065	2066	2065	2065	2065	2065	2064	2066	2066	2066	2065	2065	2065	2066
5	2053	2057	2060	2064	2067	2069	2070	2070	2069	2067	2063	2060	2058	2054	2049	2045	2042	2041	2040
10	2023	2033	2041	2049	2055	2058	2058	2057	2053	2049	2043	2037	2031	2022	2015	2008	2003	2000	1999
15	1979	1991	2002	2014	2022	2027	2029	2028	2020	2016	2007	1996	1987	1977	1969	1957	1950	1943	1942
20	1918	1935	1948	1961	1971	1981	1981	1981	1975	1969	1954	1940	1930	1919	1904	1889	1882	1872	1871
25	1841	1863	1879	1894	1908	1914	1917	1919	1911	1901	1887	1871	1857	1838	1821	1805	1795	1787	1784
30	1752	1774	1792	1812	1827	1837	1841	1840	1833	1821	1804	1784	1769	1746	1727	1706	1694	1684	1684
35	1645	1669	1693	1714	1730	1745	1749	1748	1740	1725	1705	1682	1664	1638	1620	1594	1585	1574	1570
40	1523	1553	1579	1605	1623	1639	1644	1643	1631	1614	1592	1568	1544	1518	1493	1470	1458	1443	1443
45	1390	1420	1449	1478	1501	1516	1525	1522	1510	1493	1465	1437	1415	1381	1355	1326	1313	1302	1302
50	1239	1271	1306	1337	1364	1385	1392	1389	1372	1353	1323	1295	1267	1230	1199	1166	1153	1140	1140
55	1074	1114	1145	1180	1208	1232	1240	1239	1220	1200	1169	1138	1103	1063	1027	993	973	954	951
60	870	935	971	1012	1038	1065	1076	1072	1050	1031	994	958	889	790	679	554	467	414	400
65	340	467	575	683	728	790	798	792	745	701	597	484	370	231	138	79.5	51.1	30.1	29.5
70	13.5	29.5	74.9	155	229	308	327	315	244	170	83.0	28.3	13.4	6.39	3.71	3.03	2.97	2.96	2.96
75	3.09	3.17	3.26	4.03	6.13	9.22	9.84	9.19	6.05	3.99	3.27	3.15	2.95	2.83	2.74	2.68	2.64	2.63	2.64
80	2.81	2.88	2.95	3.00	3.04	3.07	3.10	3.09	3.06	3.03	2.97	2.89	2.60	2.46	2.33	2.22	2.14	2.09	2.10
85	2.18	2.35	2.49	2.61	2.69	2.76	2.77	2.78	2.74	2.67	2.54	2.38	1.96	1.77	1.63	1.51	1.45	1.45	1.46
90	1.46	1.68	1.73	1.86	1.96	2.05	2.07	2.08	2.02	1.93	1.80	1.75	1.20	1.29	1.43	1.59	1.69	1.79	1.81
95	2.23	2.03	1.87	1.71	1.63	1.55	1.55	1.57	1.65	1.76	1.92	2.06	1.88	2.05	2.20	2.38	2.50	2.62	2.65
100	3.15	2.93	2.74	2.55	2.44	2.35	2.35	2.35	2.46	2.58	2.77	2.94	2.73	2.95	3.14	3.34	3.49	3.62	3.65
105	4.23	3.95	3.75	3.53	3.42	3.31	3.29	3.31	3.42	3.54	3.74	3.93	3.75	4.00	4.21	4.44	4.60	4.73	4.77
110	5.35	5.08	4.87	4.64	4.51	4.39	4.38	4.38	4.49	4.64	4.86	5.07	4.87	5.11	5.32	5.54	5.69	5.82	5.85
115	6.47	6.21	6.01	5.77	5.64	5.52	5.53	5.52	5.63	5.78	5.98	6.17	5.94	6.16	6.38	6.59	6.73	6.85	6.88
120	7.59	7.30	7.11	6.88	6.76	6.64	6.62	6.63	6.74	6.86	7.07	7.27	7.02	7.26	7.45	7.68	7.80	7.92	7.95
125	8.63	8.36	8.18	7.97	7.82	7.72	7.70	7.69	7.82	7.94	8.15	8.32	8.07	8.28	8.48	8.68	8.80	8.89	8.97
130	9.67	9.42	9.20	9.00	8.85	8.77	8.78	8.73	8.83	8.95	9.15	9.36	9.04	9.28	9.46	9.61	9.73	9.86	9.94
135	10.6	10.3	10.1	9.95	9.82	9.75	9.78	9.69	9.76	9.87	10.0	10.2	9.97	10.2	10.3	10.5	10.5	10.6	10.7
140	11.4	11.2	11.0	10.8	10.7	10.7	10.7	10.6	10.6	10.7	10.9	11.0	10.7	10.9	11.1	11.2	11.3	11.4	11.5
145	12.2	11.9	11.8	11.6	11.5	11.5	11.5	11.4	11.4	11.5	11.7	12.0	11.5	11.8	11.9	12.1	12.1	12.3	12.4
150	13.1	12.9	12.7	12.6	12.5	12.4	12.5	12.4	12.4	12.6	12.7	12.9	12.5	12.7	12.8	13.0	13.0	13.1	13.2
155	13.9	13.7	13.6	13.5	13.5	13.5	13.5	13.4	13.4	13.5	13.6	13.7	13.4	13.5	13.6	13.7	13.7	13.8	13.9
160	14.5	14.4	14.3	14.3	14.3	14.3	14.3	14.1	14.2	14.2	14.3	14.4	14.1	14.2	14.3	14.4	14.4	14.5	14.6
165	15.1	15.0	14.9	14.9	15.0	15.0	14.9	14.8	14.8	14.9	15.0	15.0	14.8	14.9	14.9	15.0	15.0	15.1	15.2
170	15.6	15.5	15.5	15.5	15.6	15.6	15.5	15.4	15.4	15.5	15.6	15.6	15.4	15.5	15.5	15.6	15.6	15.6	15.7
175	15.9	15.9	16.0	16.0	16.0	15.9	15.9	15.9	15.9	16.0	16.0	16.0	15.8	15.9	16.0	16.0	16.0	16.0	16.0
180	16.1	16.1	16.2	16.2	16.2	16.1	16.1	16.1	16.2	16.3	16.3	16.2	16.1	16.1	16.1	16.2	16.2	16.1	16.1

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1358]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.3333A P:39.702W PF:0.9912 Freq:59.98Hz Lamp Flux:5200x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345														
0	2065	2065	2065	2065	2064														
5	2040	2040	2042	2045	2048														
10	1997	2001	2004	2011	2015														
15	1939	1944	1950	1958	1968														
20	1868	1874	1882	1893	1906														
25	1783	1790	1796	1812	1827														
30	1681	1691	1698	1715	1731														
35	1569	1577	1583	1604	1625														
40	1442	1449	1456	1481	1499														
45	1296	1305	1316	1339	1363														
50	1135	1144	1156	1181	1210														
55	955	968	982	1011	1040														
60	417	482	564	680	786														
65	32.6	61.6	94.3	155	241														
70	3.00	3.05	3.16	4.19	7.20														
75	2.67	2.72	2.80	2.90	2.99														
80	2.12	2.20	2.31	2.46	2.60														
85	1.50	1.50	1.59	1.71	1.87														
90	1.83	1.75	1.66	1.51	1.39														
95	2.66	2.57	2.46	2.29	2.13														
100	3.67	3.56	3.42	3.22	3.02														
105	4.78	4.65	4.52	4.29	4.07														
110	5.85	5.76	5.62	5.40	5.17														
115	6.89	6.80	6.67	6.45	6.26														
120	7.94	7.85	7.74	7.53	7.31														
125	8.94	8.84	8.73	8.56	8.34														
130	9.92	9.76	9.64	9.47	9.31														
135	10.7	10.5	10.4	10.3	10.1														
140	11.5	11.4	11.2	11.1	10.9														
145	12.4	12.3	12.2	12.0	11.8														
150	13.2	13.1	13.1	12.9	12.8														
155	14.0	13.9	13.8	13.7	13.6														
160	14.6	14.6	14.5	14.4	14.3														
165	15.3	15.2	15.2	15.1	15.0														
170	15.8	15.8	15.7	15.7	15.6														
175	16.1	16.1	16.2	16.1	16.0														
180	16.2	16.2	16.3	16.3	16.2														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-12

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1358]  
 Remarks: