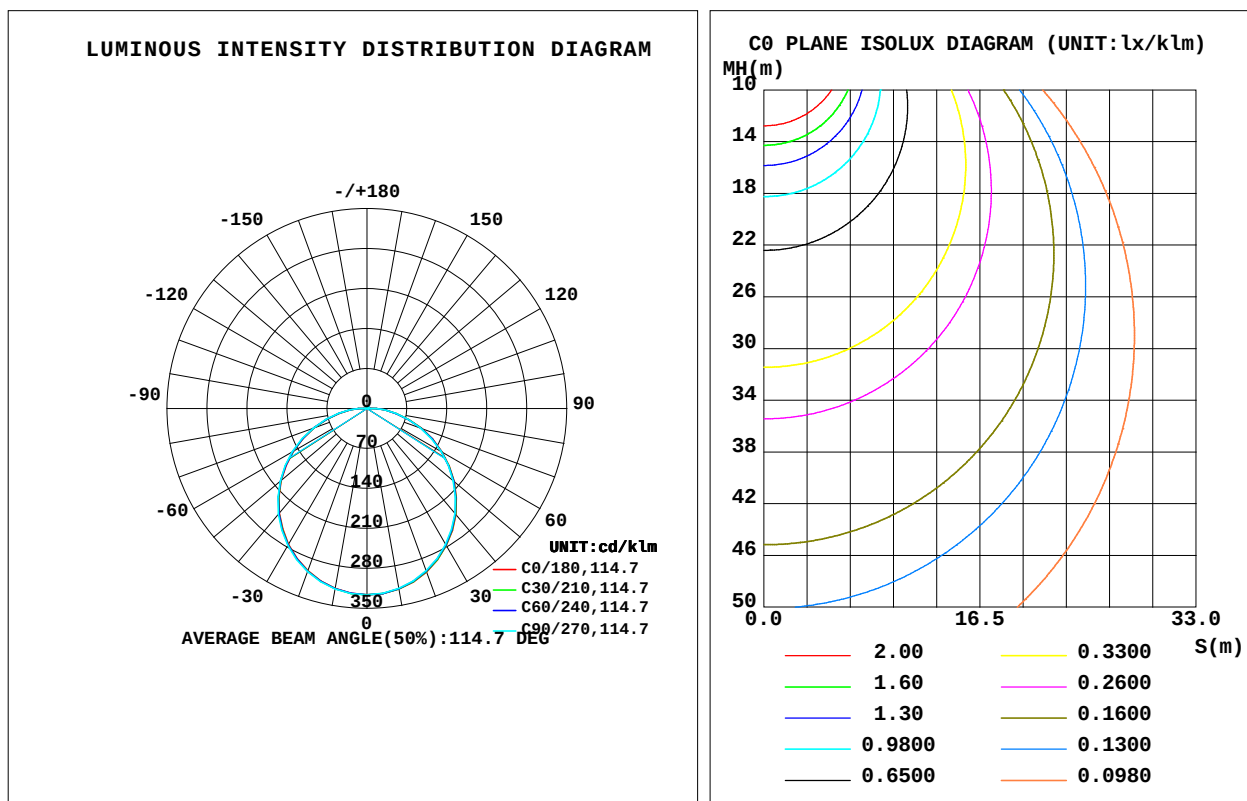


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm		
NAME: ASD-LDS-9.5D2030-WH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.67 lm/W			
MODEL	ASD-LDS-9.5D2030-WH	I _{max} (cd/klm)	326.5	S/MH(C0/180)	1.25
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm/klm)	1000.0	h UP, DN(C0-180)	1.0, 48.9
NOMINAL FLUX(lm)	1486.59	CIE CLASS	DIRECT	h UP, DN(C180-360)	1.0, 49.1
LAMPS INSIDE	1	h up(%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	97.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-08-17

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

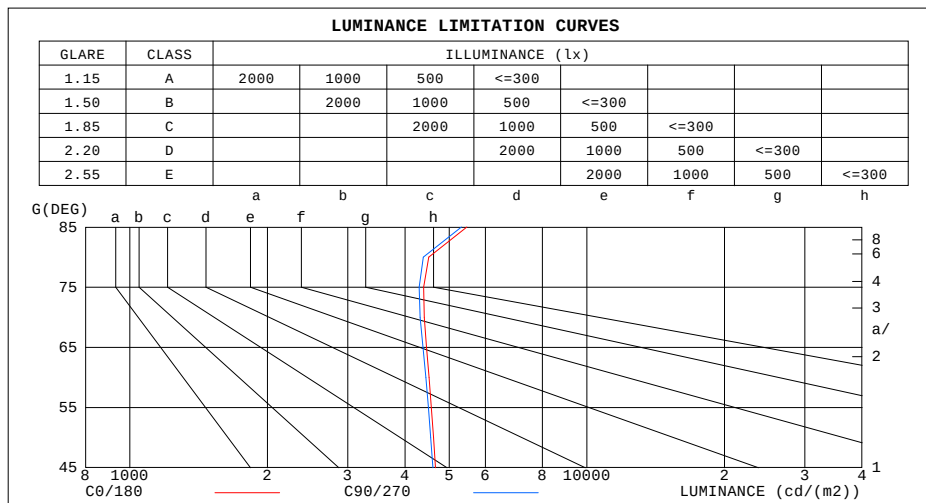
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	321.3	320.7	320.1	319.8	320.1	320.3	321.1	321.3	0- 10	30.88	30.88	3.09,3.09
20	304.7	303.8	302.7	302.0	302.4	302.9	304.3	304.9	10- 20	88.45	119.3	11.9,11.9
30	277.8	276.8	275.4	274.4	274.9	275.5	277.2	278.1	20- 30	134.1	253.5	25.3,25.3
40	242.2	241.5	239.6	238.4	238.8	239.5	241.4	242.6	30- 40	162.3	415.7	41.6,41.6
50	199.7	199.2	197.0	195.9	196.0	196.5	198.7	199.9	40- 50	169.7	585.4	58.5,58.5
60	151.9	151.8	149.5	148.3	148.3	148.6	150.9	152.0	50- 60	156.0	741.4	74.1,74.1
70	101.4	101.5	99.40	98.01	97.90	98.09	100.1	101.2	60- 70	123.8	865.3	86.5,86.5
80	52.69	52.83	51.24	49.72	49.31	49.60	51.00	52.18	70- 80	79.28	944.5	94.5,94.5
90	16.34	16.66	15.78	15.09	14.74	14.75	15.42	15.85	80- 90	34.91	979.5	97.9,97.9
100	1.666	1.018	0.8401	1.009	2.255	1.042	0.7856	0.9462	90-100	7.843	987.3	98.7,98.7
110	2.221	1.387	1.376	1.679	1.819	1.307	1.257	1.546	100-110	1.368	988.7	98.9,98.9
120	2.621	2.382	2.649	2.529	2.526	2.446	2.577	2.540	110-120	2.109	990.8	99.1,99.1
130	3.371	2.856	3.210	3.356	3.379	2.749	3.364	3.289	120-130	2.645	993.4	99.3,99.3
140	3.897	3.312	4.163	2.326	3.834	2.040	3.364	2.198	130-140	2.555	996.0	99.6,99.6
150	2.354	2.755	4.196	2.111	2.339	2.514	3.734	2.011	140-150	1.741	997.7	99.8,99.8
160	2.357	2.355	2.772	2.323	2.385	2.477	2.289	2.513	150-160	1.223	998.9	99.9,99.9
170	2.429	2.680	3.295	2.734	2.435	2.680	3.876	2.637	160-170	0.8124	999.7	100,100
180	2.541	2.550	2.532	2.553	2.544	2.550	2.529	2.544	170-180	0.2528	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT: lm/klm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:L
Test Date:2020-08-17

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.110m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	5460	5317
80	4511	4386
75	4395	4296
70	4409	4319
65	4462	4383
60	4516	4445
55	4570	4503
50	4619	4555
45	4662	4603

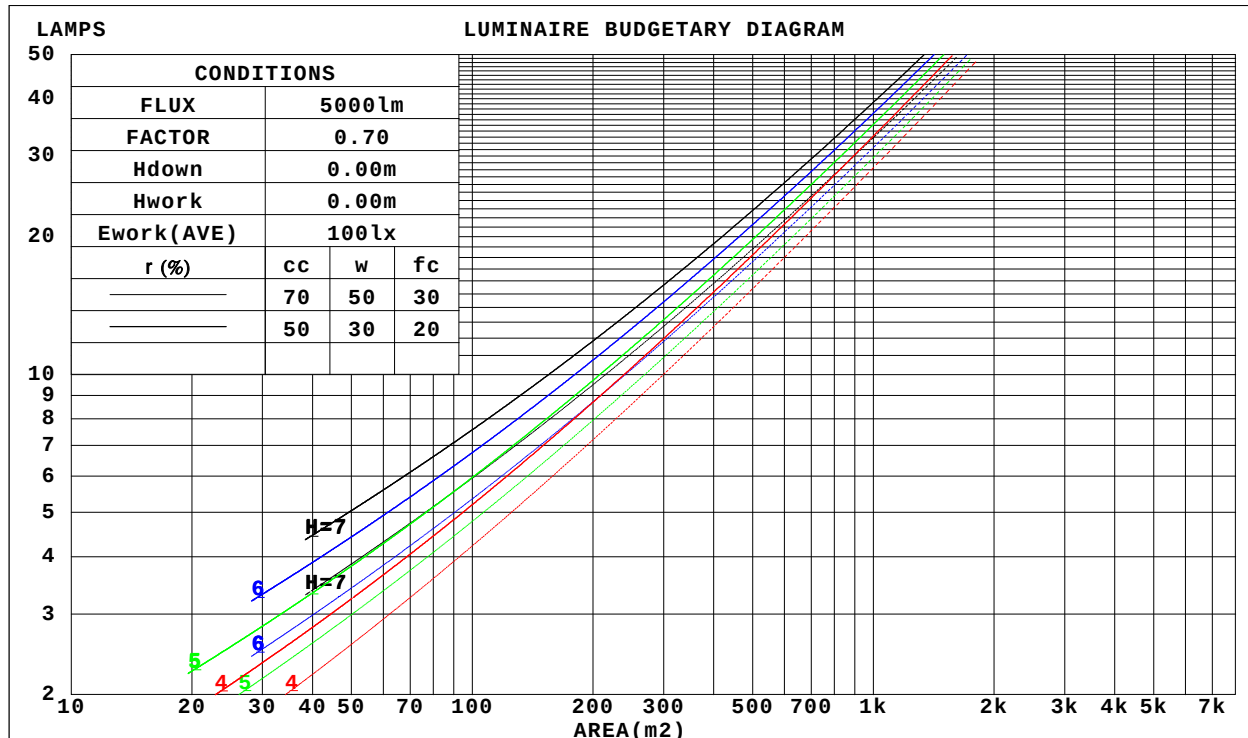
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: L
Test Date: 2020-08-17

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.110m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm															
NAME:				TYPE:				WEIGHT:							
SPEC.:				DIM.:				SERIAL No.:							
MFR.:				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 Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.02	.98	.93	.90	.96	.92	.95	.92	.88	.91	.88	.85	.87	.85	.82	.80
2.0	.89	.81	.75	.86	.80	.74	.83	.77	.72	.79	.74	.70	.76	.72	.68	.66
3.0	.78	.69	.62	.76	.68	.62	.72	.66	.60	.69	.64	.59	.67	.62	.58	.55
4.0	.68	.59	.52	.67	.59	.52	.64	.57	.51	.62	.55	.50	.59	.54	.49	.47
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.49	.43	.53	.47	.43	.40
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.35	.49	.40	.34	.47	.39	.34	.45	.39	.34	.44	.38	.33	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.33	.28	.41	.33	.27	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.30	.25	.36	.29	.24	.34	.29	.24	.22



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: L
Test Date: 2020-08-17

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.110m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		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	.332	.189	.060	.324	.185	.059	.310	.178	.057	.297	.171	.055	.284	.165	.053	
2.0	.305	.167	.051	.298	.164	.051	.285	.158	.049	.273	.153	.048	.262	.148	.047	
3.0	.279	.148	.044	.273	.146	.044	.261	.142	.043	.251	.137	.042	.241	.133	.041	
4.0	.255	.133	.039	.250	.131	.039	.240	.127	.038	.230	.124	.037	.221	.120	.037	
5.0	.235	.120	.035	.230	.118	.034	.221	.115	.034	.212	.112	.033	.205	.109	.033	
6.0	.217	.109	.031	.213	.107	.031	.205	.105	.031	.197	.102	.030	.190	.100	.030	
7.0	.201	.100	.028	.198	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.188	.092	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025	
9.0	.176	.085	.024	.173	.084	.024	.167	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021	

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	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.198	.172	.148	.169	.147	.128	.116	.101	.088	.067	.059	.051	.021	.019	.017	
2.0	.190	.148	.112	.163	.127	.097	.111	.088	.068	.064	.051	.040	.021	.017	.013	
3.0	.182	.130	.089	.156	.112	.077	.107	.078	.054	.062	.046	.032	.020	.015	.010	
4.0	.174	.117	.073	.150	.101	.064	.103	.071	.045	.060	.041	.027	.019	.013	.009	
5.0	.167	.107	.063	.143	.092	.054	.099	.065	.038	.057	.038	.023	.018	.012	.008	
6.0	.160	.099	.055	.137	.085	.048	.095	.060	.034	.055	.035	.020	.018	.011	.007	
7.0	.153	.092	.049	.131	.079	.043	.091	.056	.030	.053	.033	.018	.017	.011	.006	
8.0	.146	.086	.045	.126	.075	.039	.087	.052	.028	.051	.031	.016	.016	.010	.005	
9.0	.140	.081	.041	.120	.070	.036	.083	.049	.026	.049	.029	.015	.016	.010	.005	
10.0	.134	.077	.039	.116	.067	.034	.080	.047	.024	.047	.028	.014	.015	.009	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: L
Test Date: 2020-08-17

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.110m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					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	15.9	17.5	16.3	17.9	18.3	15.8	17.4	16.2	17.8	18.1
3H 4H 6H 8H 12H	17.9	19.4	18.3	19.8	20.2	17.8	19.3	18.2	19.6	20.0
	18.8	20.2	19.2	20.6	21.0	18.6	20.0	19.0	20.4	20.8
4H 2H	19.5	20.8	19.9	21.2	21.6	19.3	20.6	19.7	21.0	21.4
3H 4H 6H 8H	19.8	21.0	20.2	21.5	21.9	19.6	20.8	20.1	21.3	21.7
12H	20.1	21.3	20.5	21.7	22.2	19.9	21.1	20.3	21.5	22.0
8H 4H	16.6	18.0	17.0	18.4	18.8	16.5	17.8	16.9	18.2	18.7
6H 8H 12H	18.8	20.0	19.3	20.5	20.9	18.7	19.9	19.1	20.3	20.7
	19.8	20.9	20.3	21.3	21.8	19.6	20.7	20.1	21.2	21.6
12H 4H	20.7	21.6	21.2	22.1	22.6	20.5	21.4	21.0	21.9	22.4
6H	21.1	22.0	21.6	22.4	23.0	20.9	21.7	21.4	22.2	22.7
8H	21.4	22.2	22.0	22.8	23.3	21.2	22.0	21.7	22.5	23.1
	20.2	21.1	20.7	21.6	22.1	20.0	20.9	20.5	21.4	21.9
	21.3	22.0	21.8	22.5	23.1	21.0	21.8	21.6	22.3	22.8
	21.8	22.4	22.3	23.0	23.5	21.5	22.2	22.1	22.7	23.3
	22.3	22.9	22.8	23.4	24.0	22.0	22.6	22.5	23.1	23.7
	20.3	21.1	20.8	21.6	22.1	20.1	20.9	20.6	21.4	21.9
	21.4	22.1	21.9	22.6	23.1	21.1	21.8	21.7	22.3	22.9
	21.9	22.5	22.5	23.1	23.7	21.7	22.3	22.2	22.8	23.4
CIE190: 2010										

CIE190: 2010
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: L
Test Date: 2020-08-17

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.110m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

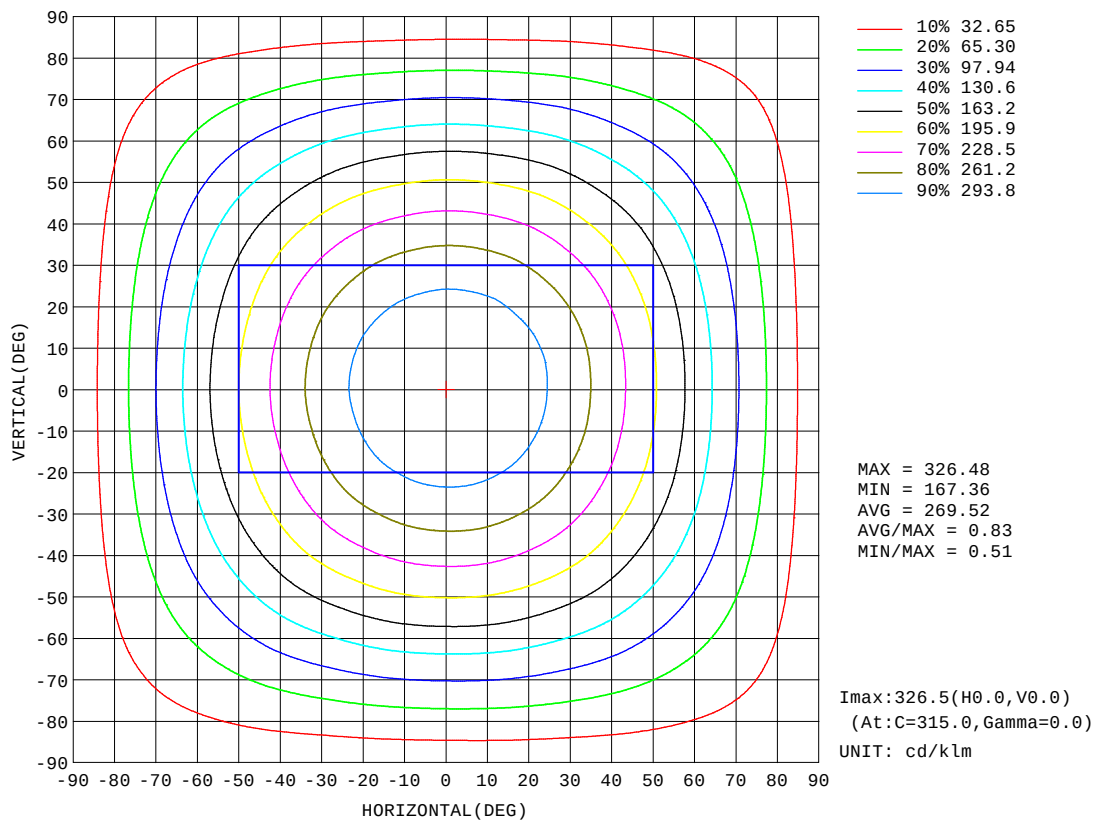
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	43	37	30
0.80	66	54	46	65	53	46	63	52	46	38
1.00	74	62	55	73	62	55	70	63	54	46
1.25	81	70	63	79	69	62	76	68	61	53
1.50	86	76	68	84	75	68	81	73	66	58
2.00	93	84	77	91	82	76	87	80	74	66
2.50	97	89	82	95	87	81	91	84	79	70
3.00	100	93	87	98	91	86	94	88	83	74
4.00	105	98	93	102	96	92	97	93	89	79
5.00	107	102	97	104	100	96	100	96	92	82
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: L
Test Date: 2020-08-17

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.110m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



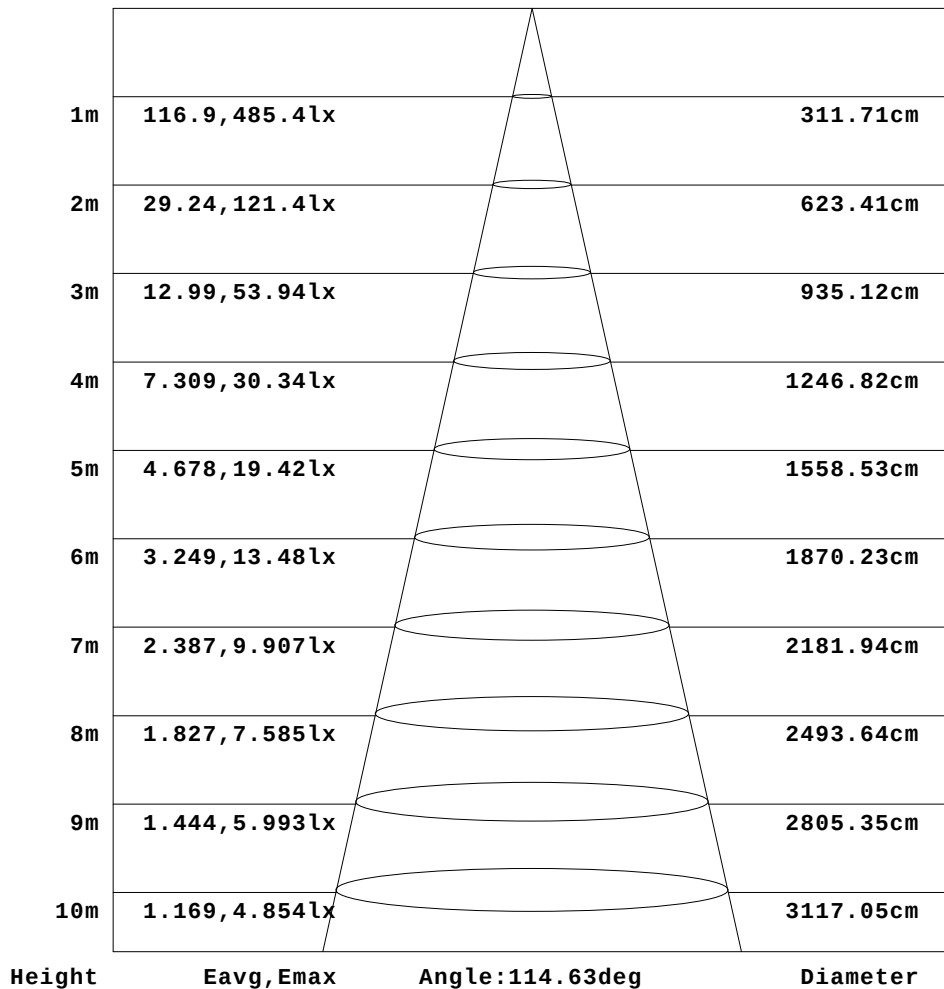
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-08-17

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.110m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:1102 lm



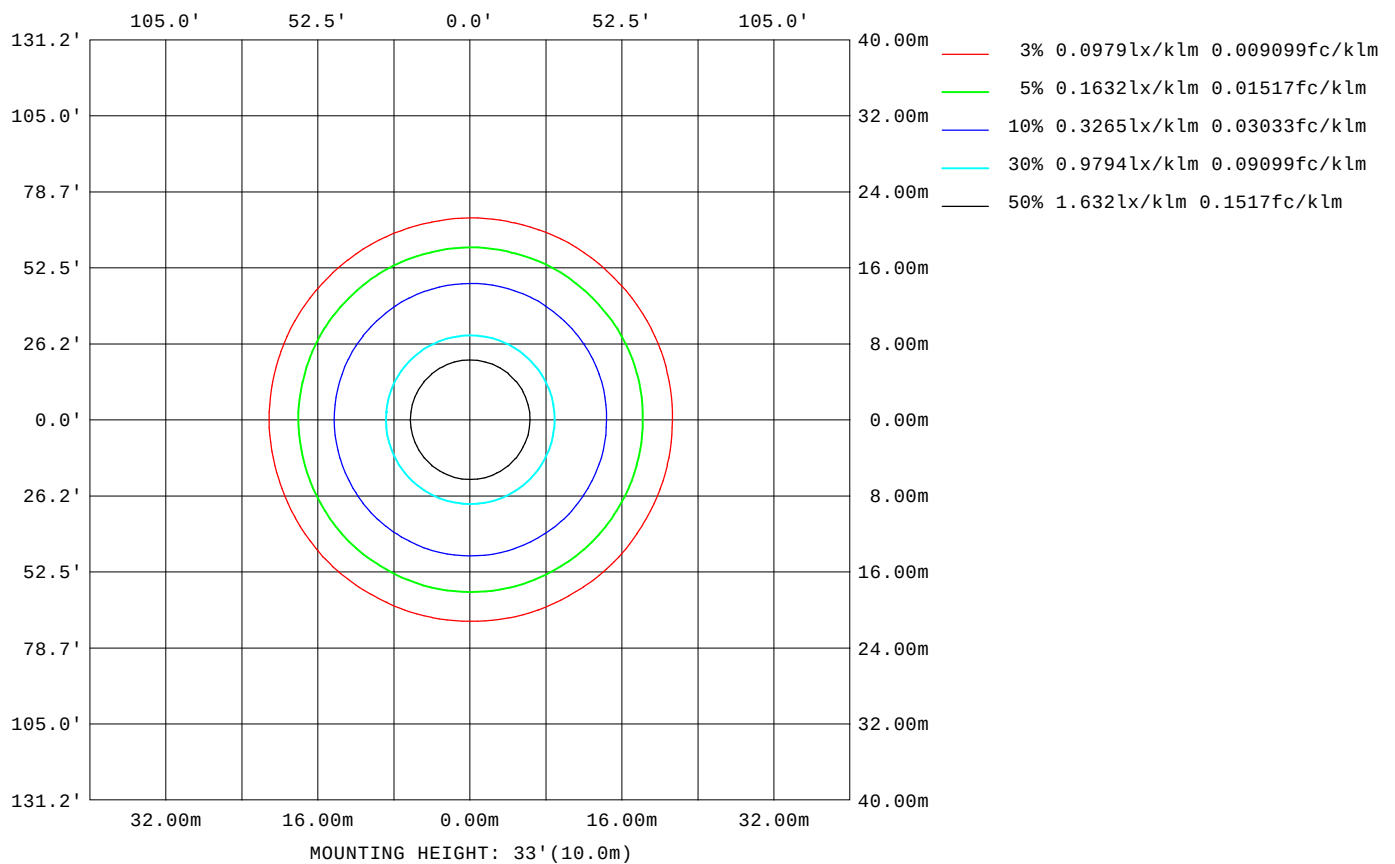
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-08-17

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.110m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-08-17

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

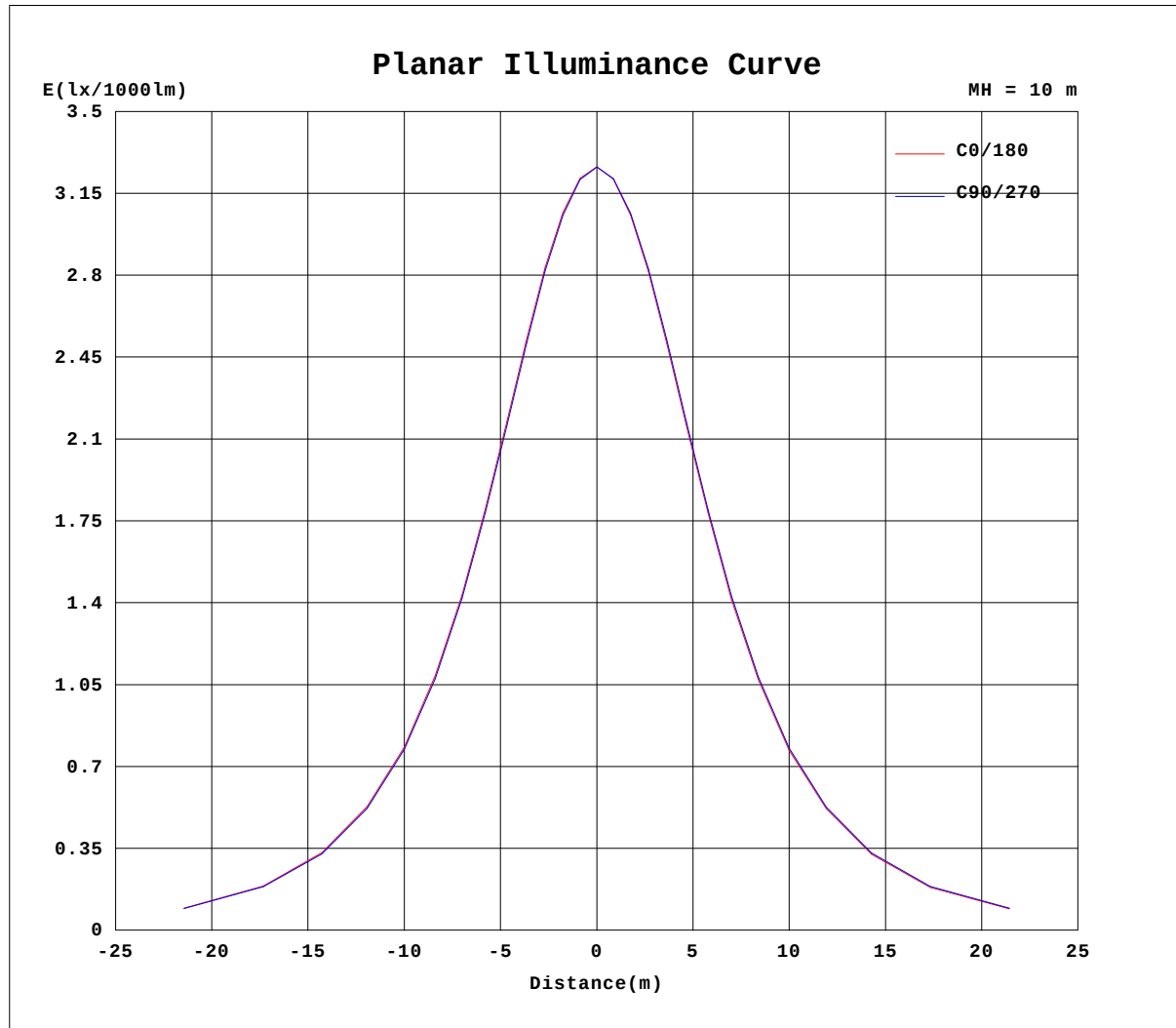
AvgL	cd/m2
L_0~180(65)av	4399
L_0~180(75)av	4291
L_0~180(85)av	5227
L_90~270(65)av	4402
L_90~270(75)av	4299
L_90~270(85)av	5261
L_45(65)av	4400
L_45(75)av	4294
L_45(85)av	5240

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-08-17

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.110m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-08-17

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1
UNIT: cd/klm

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	326	326	326	326	326	326	326	326	326	326	326	326	326	326	326	326	326	326	326
5	325	325	325	325	325	325	325	325	325	325	324	324	325	325	325	325	325	325	325
10	321	321	321	321	321	320	320	320	320	320	320	320	320	320	320	320	320	321	321
15	314	314	314	314	313	313	313	313	312	312	312	312	313	313	313	313	313	313	314
20	305	304	304	304	303	303	303	303	302	302	301	301	302	303	303	303	303	304	304
25	292	292	292	292	291	291	290	290	289	289	289	289	290	290	290	290	291	291	292
30	278	278	277	277	276	276	275	275	274	274	274	274	275	275	276	276	276	276	277
35	261	261	260	260	259	259	258	258	257	257	257	256	258	258	259	258	259	259	260
40	242	242	241	241	241	241	240	239	238	238	237	237	239	239	240	239	240	240	241
45	222	222	221	221	220	220	219	219	217	218	217	217	218	218	219	219	220	220	221
50	200	200	199	199	198	198	197	197	195	196	195	195	196	196	197	197	197	197	199
55	176	177	176	176	175	175	174	174	172	173	171	171	173	173	174	173	174	174	175
60	152	152	151	152	151	151	150	149	148	148	147	147	148	148	149	149	150	150	151
65	127	127	126	127	126	126	125	124	123	123	122	122	123	123	124	124	125	124	126
70	101	102	101	102	100	101	99.4	99.0	97.5	98.0	96.5	96.5	97.9	97.7	98.6	98.1	99.2	98.9	100
75	76.5	76.7	76.2	76.6	75.8	75.8	74.8	74.2	73.0	73.1	72.0	71.6	72.9	72.9	73.6	73.3	74.0	73.9	74.9
80	52.7	52.8	52.5	52.8	52.2	52.1	51.2	50.7	49.6	49.7	48.7	48.3	49.3	49.3	49.9	49.6	50.3	50.2	51.0
85	32.0	32.2	32.0	32.3	31.7	31.8	31.2	30.7	29.6	29.8	28.9	28.6	29.3	29.3	29.6	29.4	29.9	29.9	30.5
90	16.3	16.5	16.3	16.7	16.2	16.3	15.8	15.5	14.9	15.1	14.5	14.3	14.7	14.7	14.9	14.7	15.2	15.1	15.4
95	6.55	6.52	5.25	5.06	6.24	6.56	6.39	6.24	5.49	5.68	5.88	5.82	6.03	5.97	5.73	5.63	5.84	5.88	6.07
100	1.67	1.02	0.93	1.02	1.03	0.81	0.84	0.92	1.30	1.01	1.31	2.10	2.26	1.70	0.95	1.04	0.91	0.80	0.79
105	1.47	1.33	1.15	1.08	1.09	1.14	1.16	1.18	1.17	1.16	1.46	1.52	1.52	1.36	1.02	0.96	1.04	1.02	1.05
110	2.22	2.13	1.84	1.39	1.30	1.37	1.38	1.43	1.52	1.68	1.95	2.00	1.82	2.20	1.79	1.31	1.24	1.21	1.26
115	2.28	2.13	2.14	2.13	2.22	2.15	2.12	2.31	2.24	2.16	2.27	2.28	2.16	2.29	2.10	1.95	2.42	2.03	2.04
120	2.62	2.57	2.64	2.38	2.75	2.74	2.65	2.70	2.53	2.53	2.56	2.69	2.53	2.56	2.60	2.45	2.73	2.53	2.58
125	2.97	3.09	3.08	2.70	2.86	3.02	2.88	2.95	2.94	3.09	2.93	3.01	2.98	3.10	3.25	2.79	3.02	2.94	3.02
130	3.37	3.62	3.64	2.86	3.20	3.31	3.21	3.32	3.31	3.36	3.36	3.44	3.38	3.58	3.58	2.75	3.19	3.13	3.36
135	3.61	3.96	2.89	3.16	3.77	3.75	3.83	3.90	3.88	2.39	2.86	3.75	3.57	3.83	3.44	2.93	3.05	3.02	3.48
140	3.90	3.68	2.11	3.31	3.62	3.71	4.16	3.69	3.37	2.33	2.23	3.68	3.83	3.32	2.14	2.04	3.24	3.32	3.36
145	2.33	2.23	2.35	2.39	3.64	3.77	3.92	3.54	3.44	2.54	2.23	2.48	2.26	2.24	2.22	2.91	2.10	2.59	3.40
150	2.35	2.37	2.09	2.76	2.60	2.42	4.20	2.70	2.89	2.11	2.31	2.50	2.34	2.35	2.10	2.51	3.03	2.29	3.73
155	2.25	3.05	2.19	2.91	2.49	2.66	3.01	2.40	2.92	2.21	2.94	2.79	2.29	3.12	2.37	2.96	2.14	2.52	2.73
160	2.36	3.52	3.61	2.36	2.29	2.41	2.77	2.57	2.43	2.32	4.42	4.23	2.39	3.77	3.25	2.48	2.25	2.25	2.29
165	2.63	3.74	3.35	2.68	2.46	3.60	3.81	3.88	2.44	2.54	2.74	2.85	2.44	3.29	2.75	2.62	2.45	3.65	2.71
170	2.43	2.48	2.62	2.68	2.56	2.68	3.30	2.79	2.86	2.73	2.68	2.66	2.43	2.45	2.49	2.68	2.66	3.29	3.88
175	2.50	2.50	2.50	2.52	2.61	2.71	2.73	2.73	2.74	2.71	2.55	2.51	2.50	2.51	2.55	2.61	2.65	2.74	2.79
180	2.54	2.54	2.55	2.55	2.54	2.53	2.53	2.54	2.55	2.55	2.55	2.53	2.54	2.54	2.54	2.55	2.53	2.53	2.53

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:L
Test Date:2020-08-17

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.110m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.34V I:0.1639A P:19.646W PF:0.9963 Freq:59.98Hz Lamp Flux:1486.59x1 lm					
NAME:			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.:		Shielding Angle:

Table--2
UNIT: cd/klm

C(DEG) g (DEG)	285	300	315	330	345													
0	326	326	326	326	326													
5	325	325	325	325	326													
10	321	321	321	322	322													
15	314	315	314	315	315													
20	305	305	305	305	306													
25	292	293	293	293	293													
30	278	278	278	279	279													
35	261	262	261	262	262													
40	242	243	243	243	244													
45	221	222	222	223	223													
50	199	200	200	201	201													
55	176	177	176	178	178													
60	151	153	152	153	153													
65	126	127	127	128	128													
70	100	102	101	103	103													
75	75.2	76.4	76.1	77.3	77.6													
80	51.4	52.4	52.2	53.3	53.6													
85	30.8	31.6	31.5	32.3	32.7													
90	15.6	16.2	15.9	16.5	16.7													
95	6.09	6.09	5.50	6.37	6.67													
100	0.83	1.04	0.95	0.84	1.66													
105	1.06	1.07	1.07	1.19	1.38													
110	1.26	1.24	1.55	1.93	2.25													
115	2.02	1.88	2.09	2.28	2.02													
120	2.50	2.39	2.54	2.45	2.47													
125	3.02	2.90	3.14	2.93	2.88													
130	3.23	2.79	3.29	3.27	3.29													
135	2.97	3.54	2.53	2.86	3.67													
140	3.70	2.95	2.20	2.63	3.94													
145	2.17	2.67	1.96	2.20	2.33													
150	2.27	2.23	2.01	2.13	2.43													
155	2.13	2.76	2.29	2.78	2.49													
160	2.35	2.40	2.51	3.82	3.76													
165	3.38	2.42	2.36	2.59	2.84													
170	2.86	2.67	2.64	2.43	2.39													
175	2.72	2.72	2.69	2.61	2.49													
180	2.53	2.54	2.54	2.53	2.53													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:L
Test Date:2020-08-17

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.110m [K=1.0000]
Remarks: