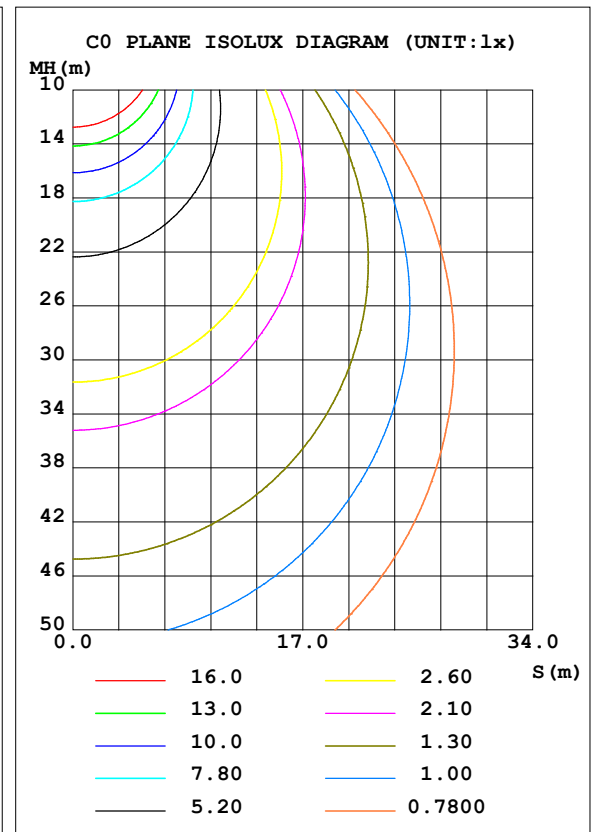
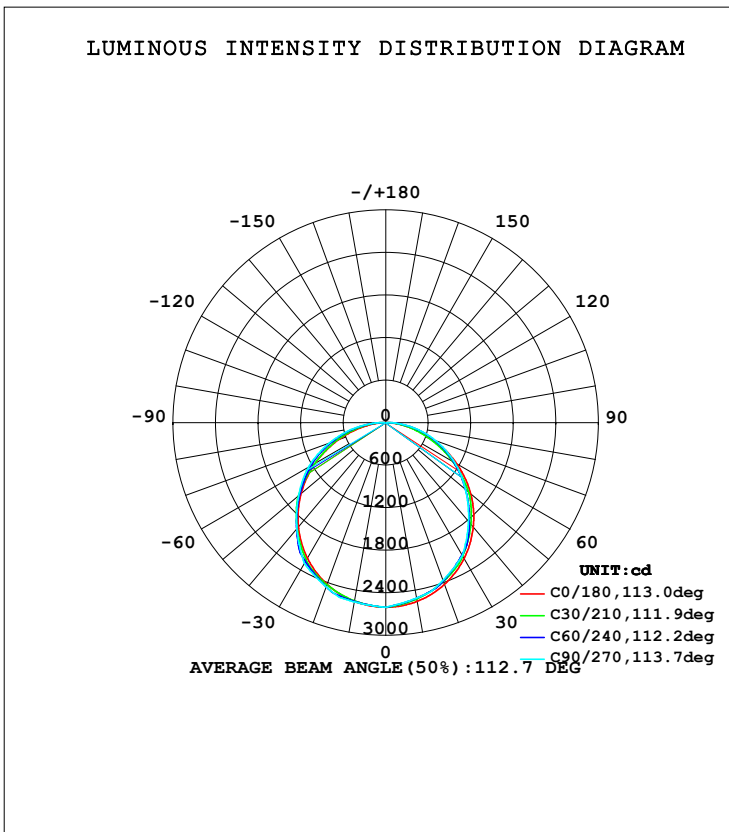


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.53 lm/W			
MODEL		I _{max} (cd)	2603	S/MH (C0/180)	1.26
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)		TOTAL FLUX (lm)	7541.5	η UP, DN (C0-180)	0.0, 48.4
NOMINAL FLUX (lm)	7541.55	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 9.646m [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	2592	2566	2558	2565	2592	2584	2585	2585	0- 5	61.85	61.85	0.82,0.82
10	2558	2517	2512	2516	2558	2554	2567	2556	5- 10	183.0	244.8	3.25,3.25
15	2504	2458	2466	2456	2503	2513	2548	2515	10- 15	298.4	543.3	7.2,7.2
20	2427	2389	2365	2387	2425	2462	2464	2466	15- 20	404.6	947.8	12.6,12.6
25	2329	2278	2265	2275	2327	2361	2379	2365	20- 25	496.4	1444	19.1,19.1
30	2212	2152	2164	2150	2210	2244	2295	2250	25- 30	572.6	2017	26.7,26.7
35	2075	2020	1991	2019	2073	2121	2123	2127	30- 35	629.9	2647	35.1,35.1
40	1922	1874	1817	1873	1919	1982	1951	1988	35- 40	662.6	3309	43.9,43.9
45	1751	1678	1643	1675	1748	1781	1779	1789	40- 45	672.5	3982	52.8,52.8
50	1565	1480	1470	1474	1561	1579	1608	1589	45- 50	660.7	4643	61.6,61.6
55	1365	1283	1296	1272	1361	1377	1436	1389	50- 55	628.6	5271	69.9,69.9
60	1155	1088	1122	1069	1150	1178	1264	1192	55- 60	578.2	5849	77.6,77.6
65	937.6	894.3	936.5	867.8	930.5	983.1	1057	999.2	60- 65	510.1	6359	84.3,84.3
70	714.8	704.1	750.7	674.4	710.5	784.3	849.5	801.0	65- 70	426.2	6786	90,90
75	493.2	520.7	565.0	496.1	495.6	581.1	642.4	596.0	70- 75	332.3	7118	94.4,94.4
80	286.6	344.7	379.2	326.5	292.6	384.8	435.3	397.4	75- 80	234.9	7353	97.5,97.5
85	111.1	174.6	193.4	163.7	115.8	193.3	228.1	203.7	80- 85	139.9	7493	99.4,99.4
90	3.313	7.472	7.686	4.607	3.372	4.434	21.03	12.60	85- 90	48.64	7542	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			

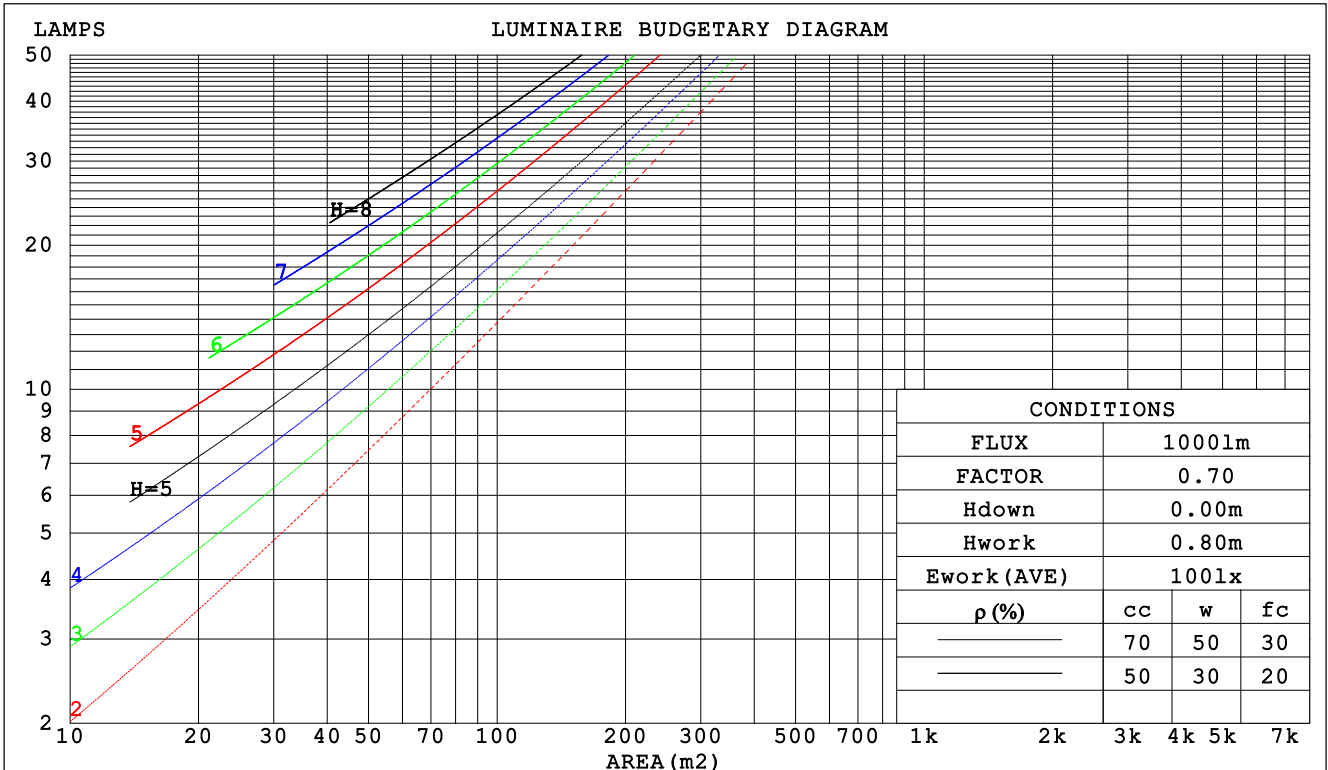
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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															
	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	.00
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.70	.64	.77	.69	.63	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm												
NAME:				TYPE:				WEIGHT:				
SPEC.:				DIM.:				SERIAL No.:				
MFR.:				SUR.:				PROTECTION ANGLE:				

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.319	.181	.057	.312	.178	.057	.299	.171	.055	.286	.165	.053	.275	.159	.051	
2.0	.297	.163	.050	.291	.160	.049	.279	.155	.048	.268	.151	.047	.258	.146	.046	
3.0	.274	.146	.044	.268	.144	.043	.258	.140	.042	.248	.136	.042	.239	.133	.041	
4.0	.252	.131	.038	.247	.129	.038	.238	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.232	.118	.034	.228	.117	.034	.220	.115	.034	.212	.112	.033	.205	.110	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.105	.030	.197	.103	.030	.191	.101	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.149	.075	.021	

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	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	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.020	.017	.015	
2.0	.173	.132	.097	.148	.114	.084	.102	.079	.059	.059	.046	.034	.019	.015	.011	
3.0	.165	.114	.074	.142	.099	.064	.097	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.058	.135	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.015	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.074	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.060	.022	.101	.052	.019	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:			PROTECTION 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	20.0	21.5	20.2	21.7	21.9	19.9	21.4	20.1	21.6	21.8
3H	21.4	22.8	21.7	23.1	23.3	21.6	23.0	21.9	23.2	23.5
4H	21.9	23.3	22.2	23.5	23.8	22.3	23.7	22.7	23.9	24.2
6H	22.2	23.5	22.6	23.8	24.0	23.0	24.2	23.3	24.5	24.8
8H	22.3	23.5	22.6	23.8	24.1	23.2	24.5	23.6	24.7	25.0
12H	22.3	23.5	22.7	23.8	24.1	23.4	24.6	23.8	24.9	25.2
4H 2H	20.5	21.9	20.8	22.1	22.4	20.5	21.8	20.8	22.1	22.3
3H	22.1	23.3	22.5	23.6	23.9	22.4	23.6	22.7	23.9	24.2
4H	22.7	23.8	23.1	24.2	24.5	23.3	24.4	23.7	24.7	25.0
6H	23.2	24.1	23.6	24.5	24.8	24.1	25.1	24.5	25.4	25.8
8H	23.3	24.2	23.7	24.6	24.9	24.4	25.3	24.8	25.7	26.1
12H	23.4	24.2	23.8	24.6	25.0	24.7	25.5	25.1	25.9	26.3
8H 4H	23.1	24.0	23.5	24.4	24.7	23.6	24.5	24.0	24.8	25.2
6H	23.7	24.4	24.1	24.8	25.3	24.6	25.3	25.0	25.7	26.1
8H	23.9	24.6	24.3	25.0	25.4	25.0	25.7	25.5	26.1	26.5
12H	24.0	24.6	24.5	25.1	25.5	25.4	25.9	25.8	26.4	26.9
12H 4H	23.1	24.0	23.6	24.3	24.8	23.6	24.4	24.0	24.8	25.2
6H	23.8	24.5	24.3	24.9	25.3	24.6	25.3	25.1	25.7	26.2
8H	24.1	24.6	24.5	25.1	25.6	25.1	25.7	25.6	26.1	26.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 7542 lm Total Lamp Luminous Flux. (8log(F/F0) = 7.0)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	77	70	86	77	70	83	75	69	61
2.00	94	86	79	93	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
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:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

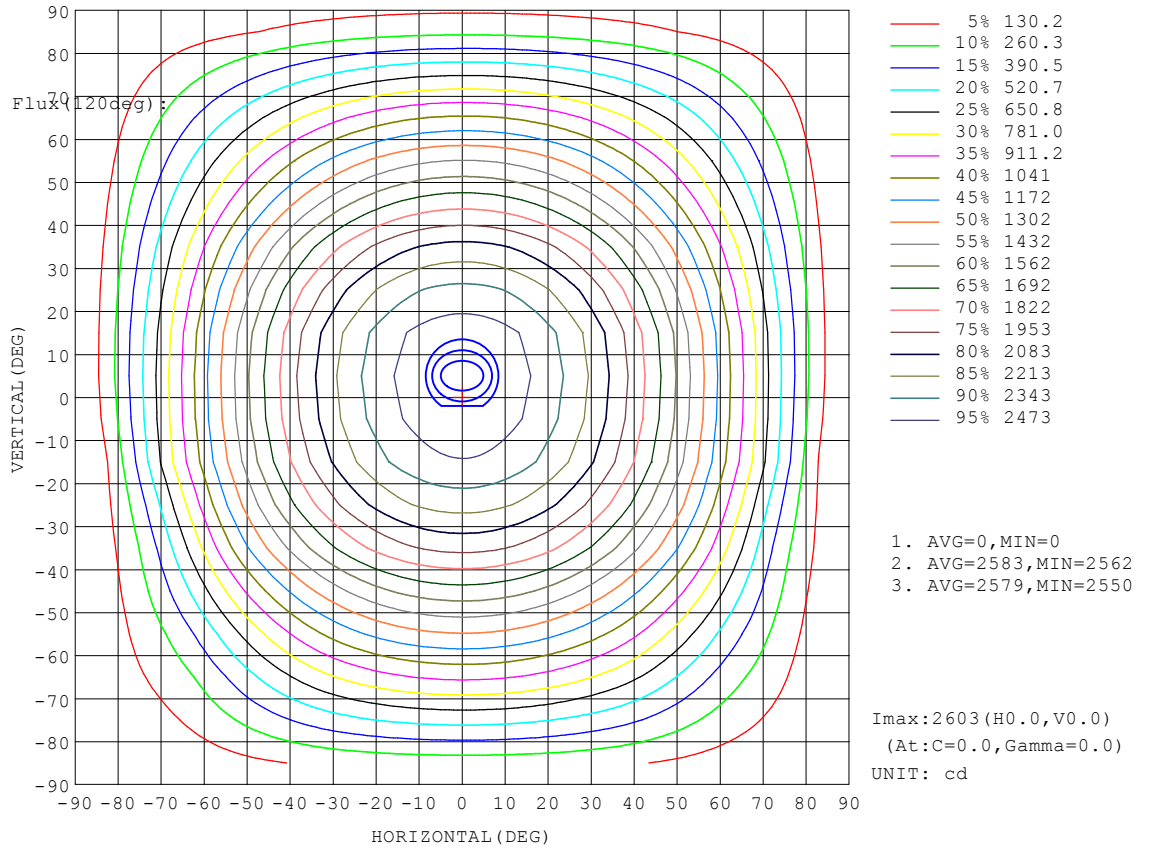
Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

3981.8 lm
 %lum = 52.8%
 %lamp = 52.8%

Conical surface Flux(20deg):

5849.4 lm
 %lum = 77.6%
 %lamp = 77.6%

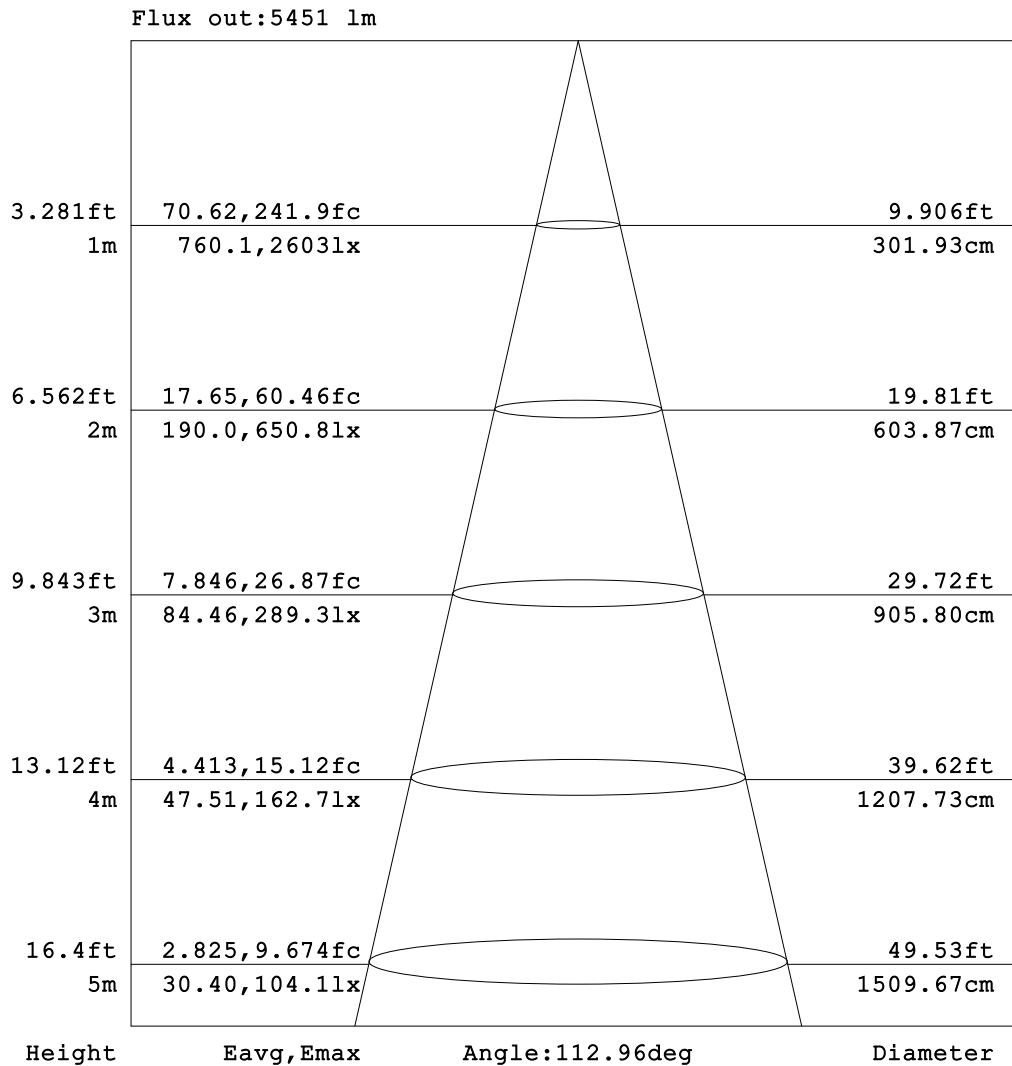


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



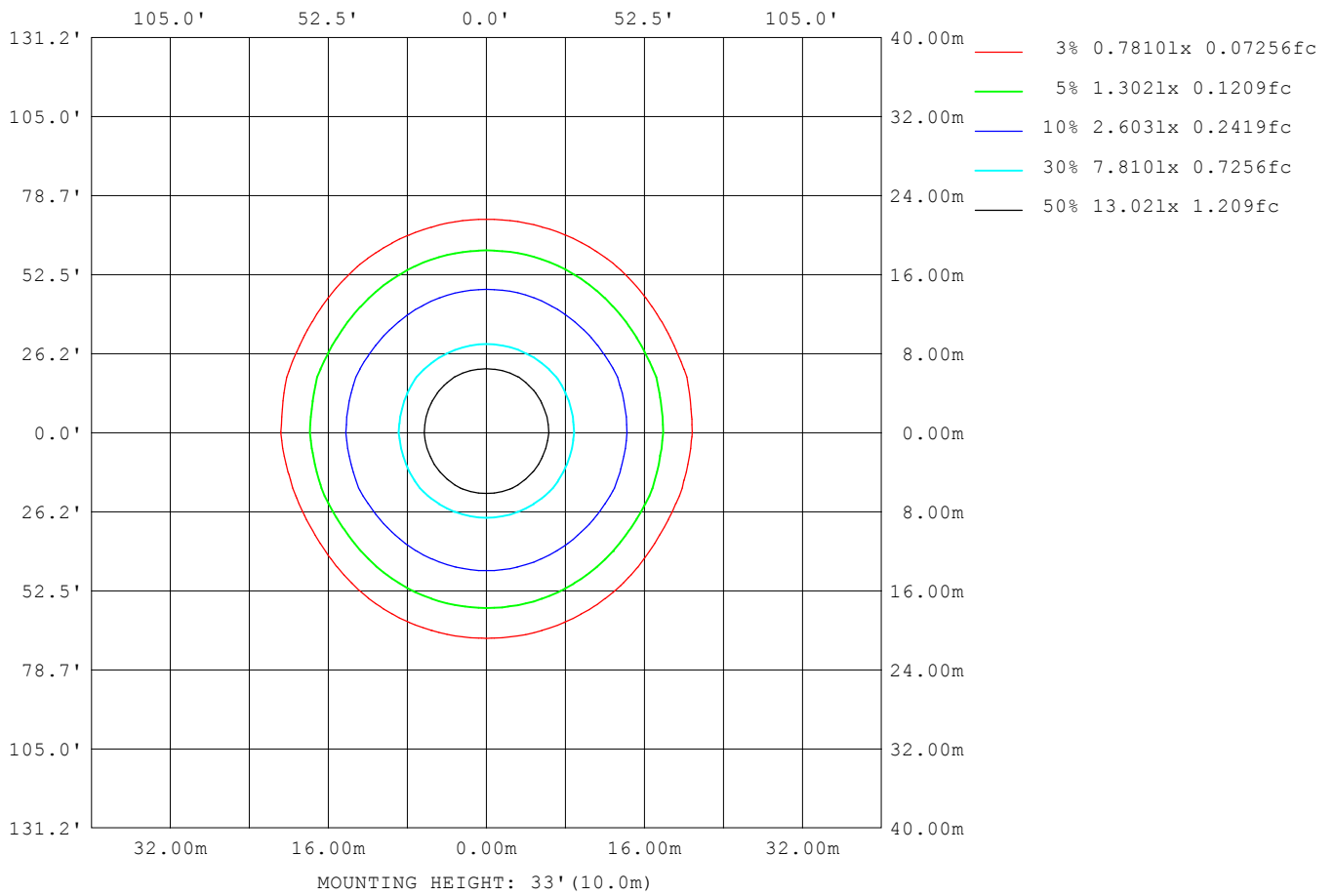
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 9.646m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

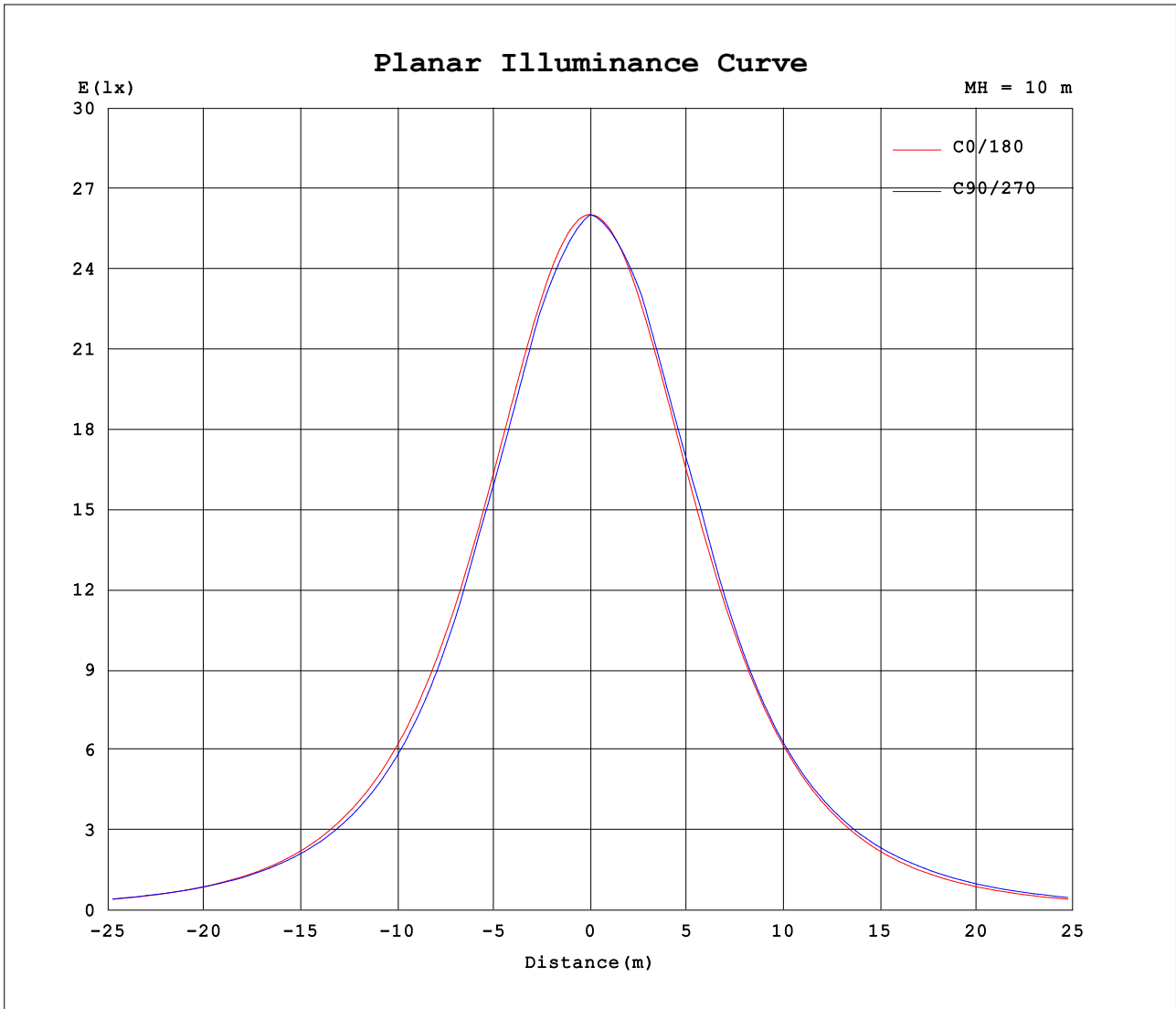
Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 9.646m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table with 3 columns: NAME, TYPE, WEIGHT; SPEC., DIM., SERIAL No.; MFR., SUR., PROTECTION ANGLE. Includes test parameters: U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm

Table--1

UNIT: cd

Large data table with columns C (DEG) from 0 to 90 and rows gamma (DEG) from 0 to 90. Contains luminous intensity values in cd.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-28

gamma Range: 0 - 90DEG
gamma Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:9.646m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603
5	2557	2558	2558	2559	2560	2561	2562	2563	2565	2567	2569	2571	2574	2577	2581	2584	2588	2592	2590
10	2512	2512	2512	2512	2512	2513	2513	2514	2516	2518	2521	2524	2528	2532	2538	2544	2551	2558	2555
15	2466	2465	2464	2462	2461	2459	2458	2457	2456	2457	2458	2460	2463	2468	2474	2482	2492	2503	2499
20	2365	2366	2367	2369	2371	2374	2379	2385	2387	2384	2381	2381	2382	2385	2391	2400	2411	2425	2420
25	2265	2264	2264	2264	2264	2265	2267	2270	2275	2283	2292	2287	2285	2285	2289	2298	2310	2327	2321
30	2164	2162	2160	2157	2155	2152	2150	2149	2150	2153	2160	2170	2173	2169	2170	2177	2190	2210	2203
35	1991	1993	1997	2002	2009	2019	2030	2023	2019	2016	2017	2023	2034	2038	2034	2039	2051	2073	2065
40	1817	1818	1820	1824	1828	1835	1845	1857	1873	1873	1867	1866	1871	1884	1884	1884	1895	1919	1911
45	1643	1643	1644	1645	1647	1651	1656	1663	1675	1691	1711	1702	1699	1706	1719	1714	1724	1748	1740
50	1469	1468	1467	1466	1465	1465	1466	1469	1474	1483	1499	1523	1520	1518	1528	1532	1537	1561	1554
55	1295	1293	1291	1288	1285	1281	1277	1274	1272	1273	1280	1296	1322	1320	1321	1337	1337	1361	1355
60	1121	1118	1115	1110	1104	1097	1088	1079	1069	1062	1060	1064	1078	1102	1098	1122	1128	1150	1146
65	935	933	930	926	920	912	902	886	868	852	839	832	832	840	858	881	912	931	930
70	750	748	745	740	735	726	715	697	674	646	622	605	594	591	598	624	691	710	715
75	564	562	560	556	551	543	532	517	496	470	438	400	376	373	373	371	437	496	500
80	379	377	375	372	368	363	354	342	326	306	282	253	225	205	204	198	201	293	299
85	193	192	191	189	187	184	179	172	164	153	139	124	110	99.6	94.5	86.1	72.4	116	118
90	7.48	7.29	7.05	6.78	6.39	5.99	4.84	4.68	4.61	4.60	4.60	5.33	5.41	5.32	5.27	5.15	4.99	3.37	2.81

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603
5	2589	2588	2587	2586	2585	2584	2584	2584	2584	2584	2584	2584	2584	2584	2585	2585	2585	2585	2585
10	2553	2552	2551	2551	2551	2551	2553	2554	2556	2558	2560	2561	2563	2564	2566	2566	2567	2566	2566
15	2496	2495	2495	2497	2500	2504	2508	2513	2519	2524	2530	2535	2539	2543	2546	2547	2548	2548	2546
20	2417	2418	2421	2426	2433	2441	2452	2462	2466	2464	2463	2462	2462	2462	2463	2464	2464	2464	2464
25	2319	2322	2328	2338	2351	2366	2363	2361	2361	2363	2366	2369	2372	2375	2377	2379	2379	2379	2378
30	2202	2208	2219	2235	2243	2240	2241	2244	2250	2257	2265	2273	2280	2286	2291	2294	2295	2294	2292
35	2067	2077	2094	2101	2099	2103	2111	2121	2134	2148	2141	2134	2130	2126	2124	2123	2123	2124	2126
40	1915	1930	1944	1942	1947	1957	1974	1982	1970	1962	1957	1953	1952	1951	1950	1951	1951	1952	1953
45	1747	1769	1767	1771	1785	1806	1792	1781	1775	1772	1771	1772	1774	1775	1777	1779	1779	1780	1780
50	1566	1578	1579	1594	1608	1592	1583	1579	1579	1582	1585	1590	1595	1600	1603	1606	1608	1607	1607
55	1374	1374	1385	1399	1383	1375	1374	1377	1383	1391	1400	1409	1417	1424	1430	1434	1436	1435	1434
60	1161	1164	1183	1166	1160	1162	1168	1178	1190	1203	1216	1229	1240	1249	1256	1261	1264	1263	1261
65	938	956	945	940	944	954	967	983	1000	1016	1025	1034	1041	1047	1052	1055	1057	1057	1056
70	722	722	718	725	738	754	772	784	797	808	818	827	834	841	845	848	849	850	849
75	507	502	511	526	542	556	569	581	593	604	614	622	629	634	639	641	642	643	642
80	299	308	324	338	352	364	375	385	395	404	412	418	424	429	432	434	435	436	435
85	131	144	156	165	174	181	187	193	200	206	211	216	220	224	226	228	228	229	228
90	2.79	2.77	2.77	2.78	2.83	2.93	3.35	4.43	6.73	9.78	12.1	14.4	16.6	18.6	20.3	21.2	21.0	21.9	21.4

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.4914A P:58.68W PF:0.9942 Lamp Flux:7541.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603	2603				
5	2585	2585	2584	2585	2585	2585	2585	2585	2585	2586	2586	2587	2588	2589	2591				
10	2565	2564	2562	2561	2559	2557	2556	2554	2553	2552	2552	2552	2552	2554	2556				
15	2543	2540	2536	2532	2526	2521	2515	2510	2506	2502	2499	2497	2496	2497	2500				
20	2464	2464	2464	2465	2466	2469	2466	2455	2445	2437	2429	2424	2421	2420	2422				
25	2376	2374	2371	2369	2367	2365	2365	2368	2372	2357	2343	2333	2326	2323	2324				
30	2288	2283	2276	2268	2261	2255	2250	2247	2246	2250	2242	2225	2213	2207	2206				
35	2129	2133	2138	2145	2152	2139	2127	2117	2110	2107	2110	2102	2084	2072	2069				
40	1954	1955	1958	1962	1968	1976	1988	1980	1965	1954	1950	1954	1938	1921	1916				
45	1779	1778	1777	1778	1779	1782	1789	1800	1813	1793	1781	1777	1780	1756	1746				
50	1604	1601	1597	1594	1590	1588	1589	1593	1601	1617	1603	1590	1590	1576	1561				
55	1430	1424	1418	1410	1402	1395	1389	1386	1387	1394	1410	1396	1386	1386	1364				
60	1256	1248	1239	1228	1216	1204	1192	1182	1175	1173	1178	1194	1177	1175	1156				
65	1053	1049	1044	1038	1030	1016	999	983	970	959	953	957	968	952	942				
70	846	842	836	829	821	812	801	789	772	753	738	730	733	732	726				
75	639	635	630	623	616	606	596	585	571	556	537	520	509	511	504				
80	433	429	425	420	413	406	397	388	376	362	347	331	314	301	299				
85	227	224	221	218	214	209	204	197	190	181	171	160	148	135	120				
90	20.7	19.6	18.3	17.0	15.6	14.2	12.6	10.9	9.08	7.27	5.52	4.12	3.37	2.93	2.80				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-28

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:9.646m [K=1.0000]
 Remarks: