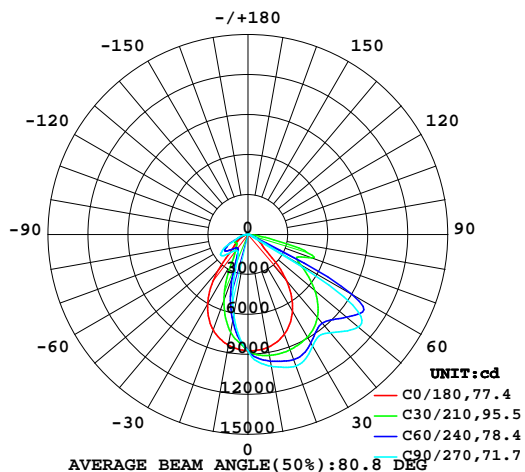


LUMINAIRE PHOTOMETRIC TEST REPORT

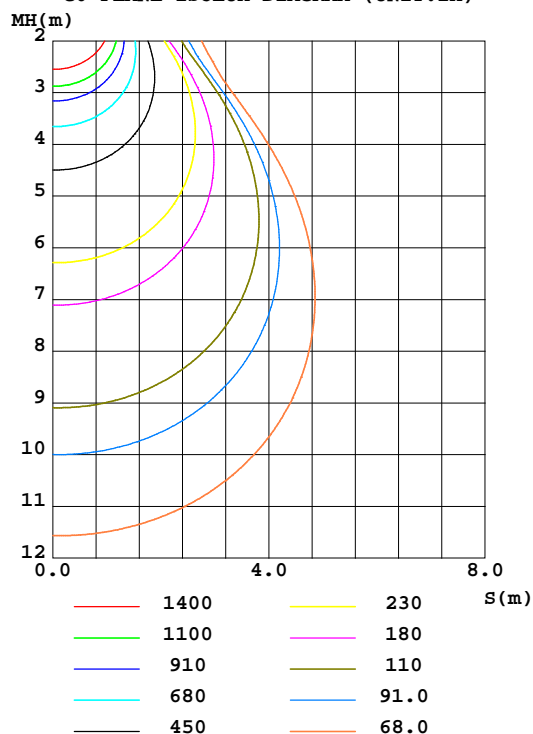
Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 157.45 lm/W			
MODEL		I _{max} (cd)	10952	S/MH(C0/180)	1.08
NOMINAL POWER(W)	125	LOR(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	19747	h UP,DN(C0-180)	0.2,74.8
NOMINAL FLUX(lm)	19747.3	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,24.7
LAMPS INSIDE	1	h up(%)	0.6	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120	h down(%)	99.4	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

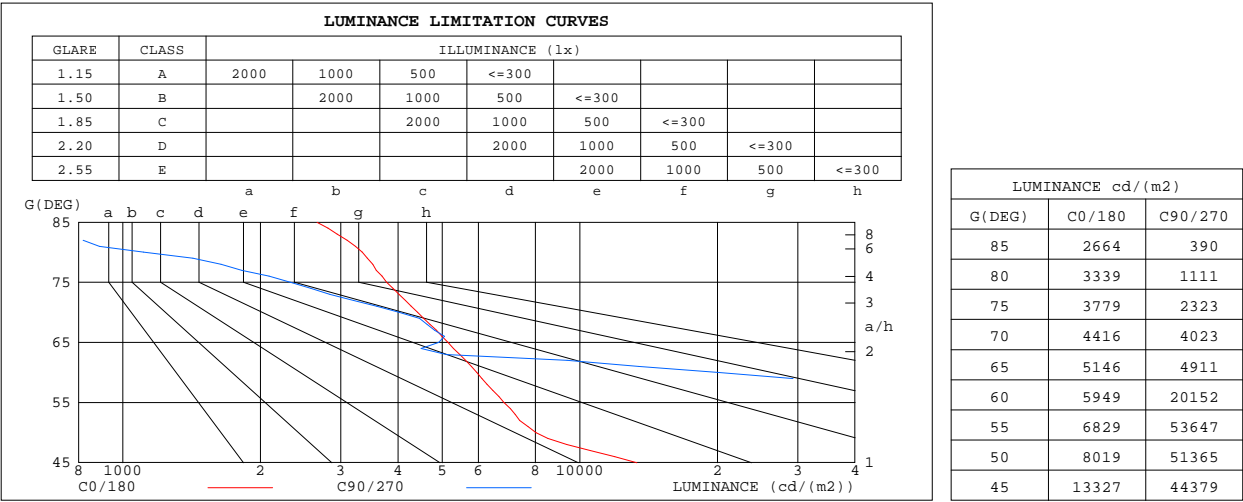
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	860.0	944.7	1004	974.5	843.8	699.8	617.7	689.8	0- 10	814.2	814.2	4.12,4.12
20	797.3	965.0	1051	993.7	763.6	430.9	278.1	420.0	10- 20	2176	2990	15.1,15.1
30	667.7	941.3	969.7	979.9	606.1	182.3	151.3	188.5	20- 30	2960	5950	30.1,30.1
40	448.3	840.1	963.4	883.2	345.5	127.8	163.1	136.6	30- 40	3302	9252	46.9,46.9
50	159.6	784.7	1080	767.3	139.2	134.7	249.3	143.5	40- 50	3605	12857	65.1,65.1
60	92.11	871.9	329.7	821.4	81.06	156.3	208.2	173.4	50- 60	3793	16649	84.3,84.3
70	46.77	276.5	45.02	467.1	39.92	71.07	80.76	83.88	60- 70	2062	18711	94.8,94.8
80	17.95	31.15	6.313	44.73	13.18	29.27	38.68	32.77	70- 80	779.5	19490	98.7,98.7
90	0.6084	0.4003	0.4429	0.4813	0.1844	3.173	2.841	4.917	80- 90	143.9	19634	99.4,99.4
100	0.5785	0.6003	0.7363	0.6951	0.3474	0.8294	1.047	0.9342	90-100	7.373	19642	99.5,99.5
110	1.101	0.7558	0.9953	0.8708	0.6449	1.137	1.280	1.157	100-110	8.931	19651	99.5,99.5
120	1.824	0.8369	1.011	0.9968	1.031	1.540	1.708	1.587	110-120	11.18	19662	99.6,99.6
130	2.619	1.182	1.045	1.377	1.430	2.423	2.304	2.030	120-130	13.65	19676	99.6,99.6
140	3.351	1.970	1.547	2.124	1.944	3.701	3.433	2.965	130-140	16.72	19692	99.7,99.7
150	3.899	3.044	2.612	3.094	2.571	4.539	4.961	3.954	140-150	19.15	19711	99.8,99.8
160	4.261	3.997	3.889	3.946	3.296	4.971	5.614	4.634	150-160	18.17	19730	99.9,99.9
170	4.432	4.697	4.878	4.589	4.006	5.257	5.729	5.087	160-170	12.99	19743	100,100
180	4.346	5.090	5.424	4.917	4.350	5.086	5.428	4.914	170-180	4.678	19747	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



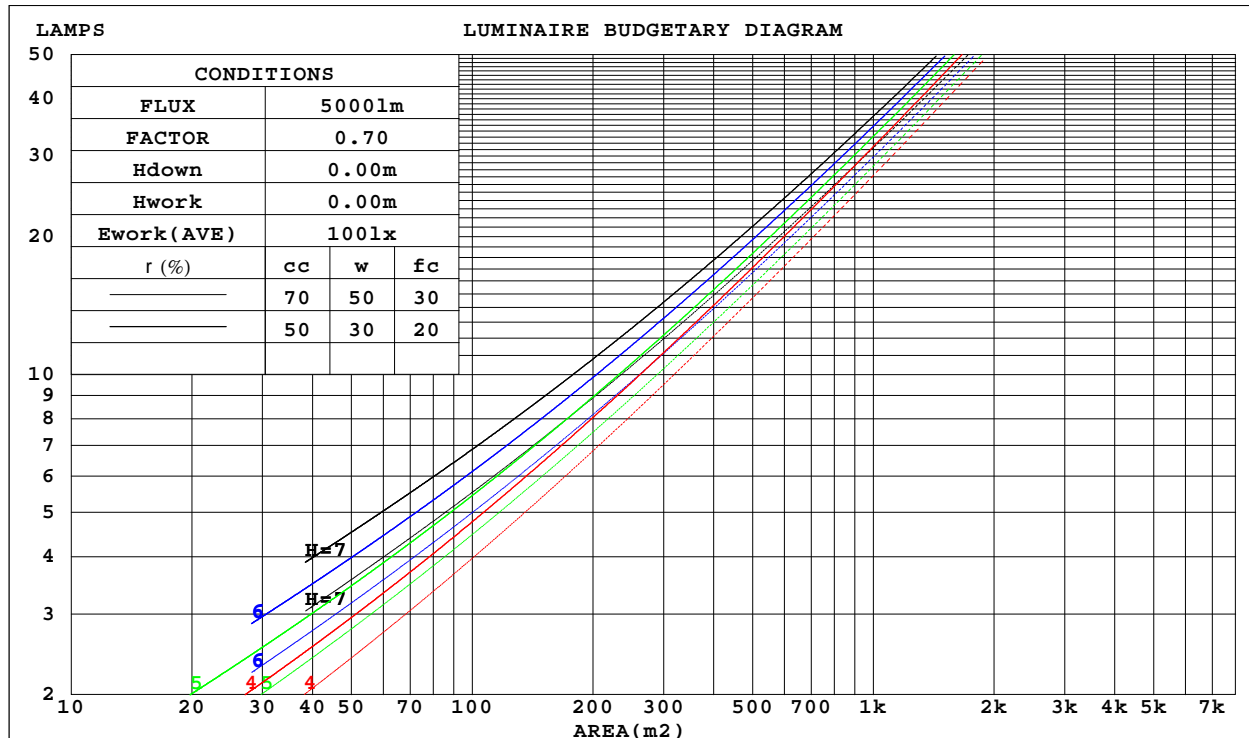
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.99
1.0	1.05	1.01	.98	1.03	.00	.96	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.93	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.74	.69	.65	.72	.67	.64	.61
4.0	.73	.64	.58	.71	.63	.57	.69	.62	.56	.66	.60	.56	.64	.59	.55	.53
5.0	.65	.56	.50	.64	.56	.50	.62	.54	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.59	.50	.44	.58	.49	.43	.56	.48	.43	.54	.48	.43	.52	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.35	.48	.40	.34	.47	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29
10.0	.41	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	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	.279	.159	.050	.272	.155	.049	.259	.148	.047	.246	.142	.046	.235	.136	.044	
2.0	.270	.148	.045	.264	.145	.045	.252	.140	.043	.241	.135	.042	.231	.131	.041	
3.0	.254	.135	.041	.249	.133	.040	.238	.129	.039	.228	.125	.038	.219	.122	.038	
4.0	.237	.123	.036	.232	.122	.036	.223	.118	.035	.215	.115	.035	.206	.112	.034	
5.0	.221	.113	.033	.217	.111	.032	.209	.109	.032	.201	.106	.032	.194	.104	.031	
6.0	.206	.103	.030	.202	.102	.029	.195	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.193	.095	.027	.189	.094	.027	.183	.092	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.178	.087	.025	.172	.086	.024	.166	.084	.024	.161	.083	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.022	.152	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.153	.075	.021	.148	.074	.021	.144	.072	.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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.183	.161	.141	.156	.138	.122	.107	.095	.084	.062	.055	.049	.020	.018	.016	
2.0	.174	.136	.105	.149	.117	.091	.102	.081	.063	.059	.047	.037	.019	.015	.012	
3.0	.166	.119	.081	.142	.102	.070	.098	.071	.049	.056	.042	.029	.018	.013	.010	
4.0	.158	.105	.065	.136	.091	.056	.093	.063	.039	.054	.037	.023	.017	.012	.008	
5.0	.151	.095	.053	.130	.082	.046	.089	.057	.033	.052	.034	.019	.017	.011	.006	
6.0	.144	.086	.045	.124	.075	.039	.086	.052	.028	.050	.031	.016	.016	.010	.005	
7.0	.138	.079	.039	.118	.069	.034	.082	.048	.024	.048	.028	.014	.015	.009	.005	
8.0	.131	.074	.034	.113	.064	.030	.078	.045	.021	.046	.026	.012	.015	.009	.004	
9.0	.125	.069	.030	.108	.060	.026	.075	.042	.019	.044	.025	.011	.014	.008	.004	
10.0	.120	.064	.027	.103	.056	.024	.072	.039	.017	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm											
NAME: XWPD(76/105/125)W(30/40/50)W						TYPE:		WEIGHT:			
SPEC.: 5000K						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	14.0	15.4	14.2	15.6	15.9	18.2	19.7	18.5	19.9	20.1	
	3H	14.2	15.6	14.5	15.8	16.1	18.0	19.4	18.3	19.6	19.9
	4H	14.2	15.5	14.5	15.7	16.0	17.9	19.2	18.3	19.5	19.7
	6H	14.2	15.3	14.5	15.6	15.9	17.8	19.0	18.2	19.3	19.6
	8H	14.1	15.3	14.5	15.6	15.9	17.8	18.9	18.1	19.2	19.5
	12H	14.1	15.2	14.4	15.5	15.8	17.7	18.8	18.1	19.1	19.4
4H	2H	16.9	18.1	17.2	18.4	18.7	19.0	20.3	19.3	20.5	20.8
	3H	18.1	19.2	18.5	19.6	19.9	18.9	20.0	19.2	20.3	20.6
	4H	18.5	19.5	18.9	19.9	20.2	18.8	19.8	19.1	20.1	20.4
	6H	18.5	19.4	18.9	19.8	20.1	18.7	19.6	19.1	19.9	20.3
	8H	18.5	19.3	18.9	19.7	20.1	18.6	19.5	19.0	19.8	20.2
	12H	18.5	19.2	18.9	19.6	20.0	18.6	19.3	19.0	19.7	20.1
8H	4H	18.7	19.5	19.1	19.9	20.3	18.9	19.8	19.4	20.1	20.5
	6H	18.9	19.6	19.4	20.0	20.4	18.9	19.5	19.3	20.0	20.4
	8H	18.9	19.5	19.4	20.0	20.4	18.8	19.4	19.3	19.9	20.3
	12H	18.9	19.5	19.4	19.9	20.4	18.8	19.3	19.3	19.8	20.2
12H	4H	18.7	19.4	19.1	19.8	20.2	18.9	19.7	19.4	20.1	20.5
	6H	18.9	19.5	19.3	19.9	20.4	18.9	19.5	19.3	19.9	20.4
	8H	18.9	19.5	19.4	19.9	20.4	18.8	19.3	19.3	19.8	20.3
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.9 / - 0.8					+ 1.6 / - 2.6					
1.5H	+ 1.1 / - 1.5					+ 2.3 / - 3.5					
2.0H	+ 1.1 / - 2.6					+ 2.1 / - 4.5					

CIE Pub.117, 19747 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 10.4)
Area: 0.3224 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

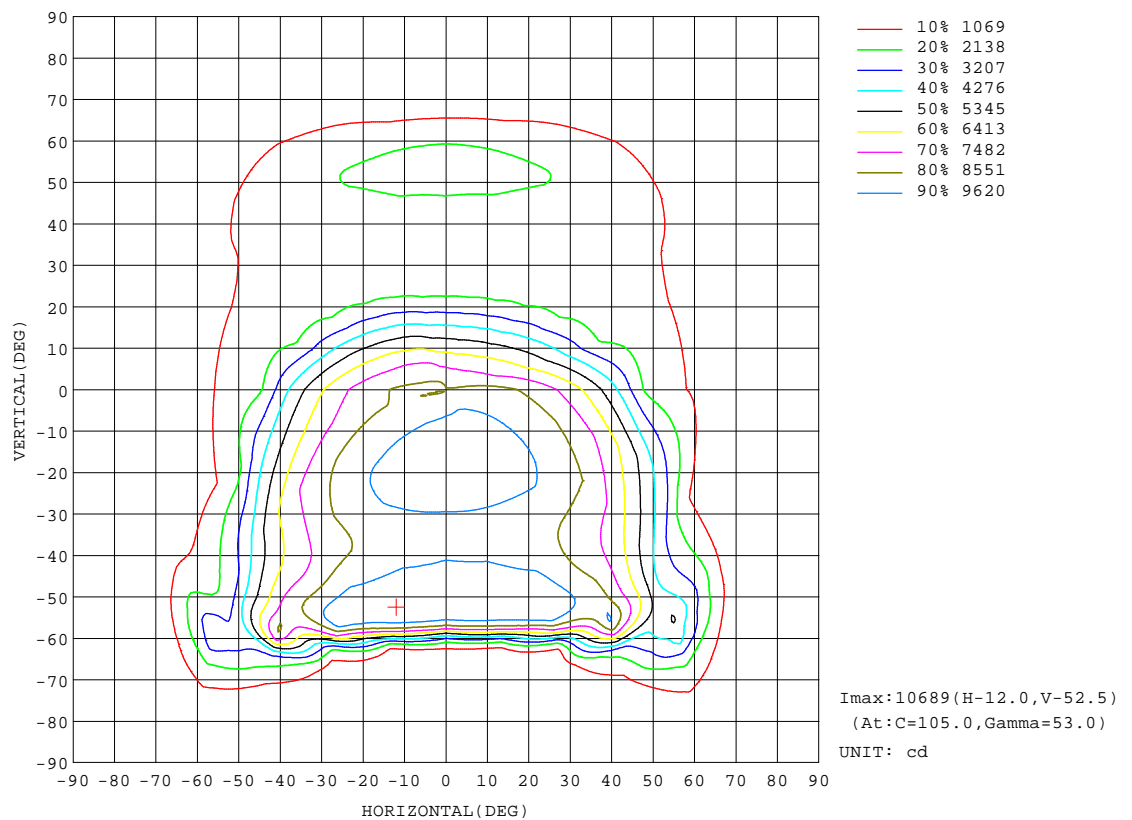
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	47	40	57	46	40	56	46	39	33
0.80	69	57	50	68	57	50	66	56	49	43
1.00	78	67	60	76	66	60	74	68	59	52
1.25	85	75	68	83	74	68	81	73	67	60
1.50	90	81	74	88	80	74	85	78	72	65
2.00	97	89	83	95	88	82	91	85	80	73
2.50	100	93	88	98	92	87	95	89	85	77
3.00	104	97	92	101	96	91	97	93	89	81
4.00	107	102	98	105	100	96	101	97	94	85
5.00	109	105	101	107	103	100	102	99	97	87
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:Richard
 Test Date:2024-06-28

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
 Humidity:65.0%
 Test Distance:8.930m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



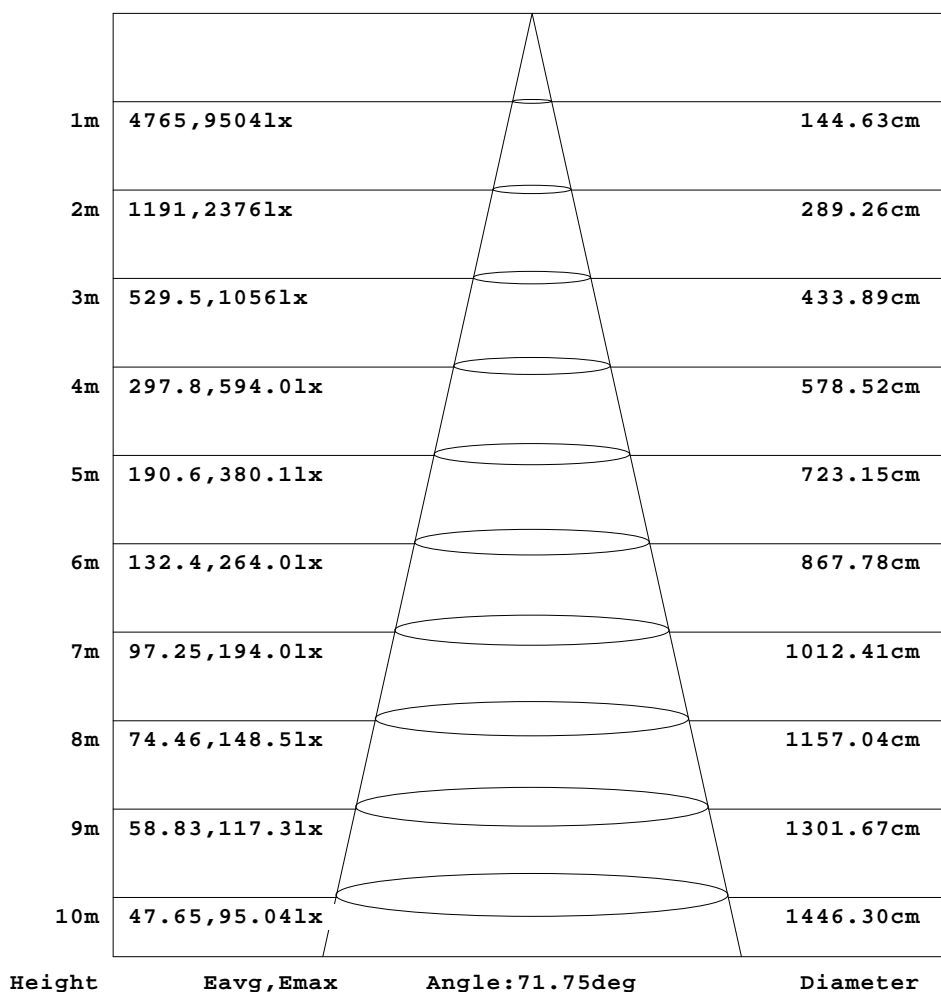
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
q Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:7903 lm



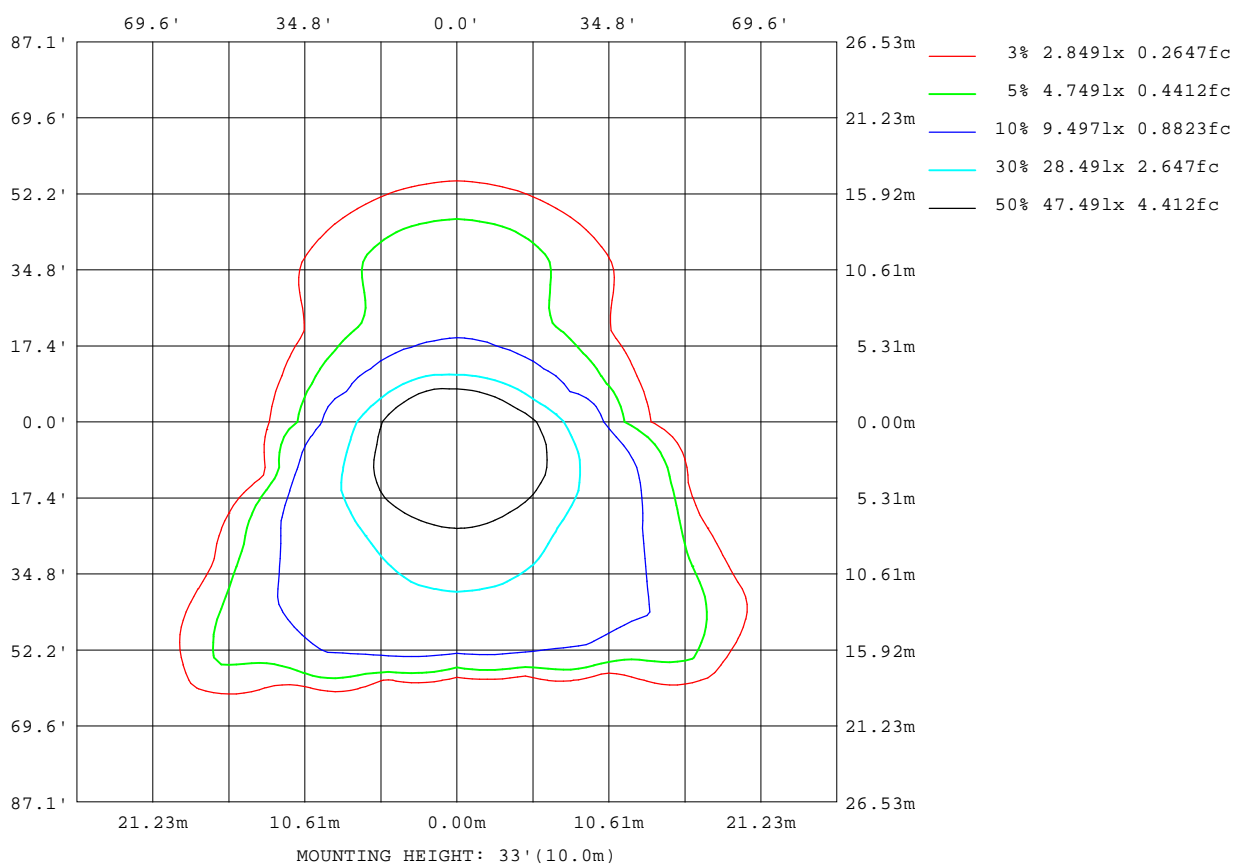
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Richard
 Test Date:2024-06-28

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
 Humidity:65.0%
 Test Distance:8.930m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity: 65.0%
Test Distance: 8.930m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

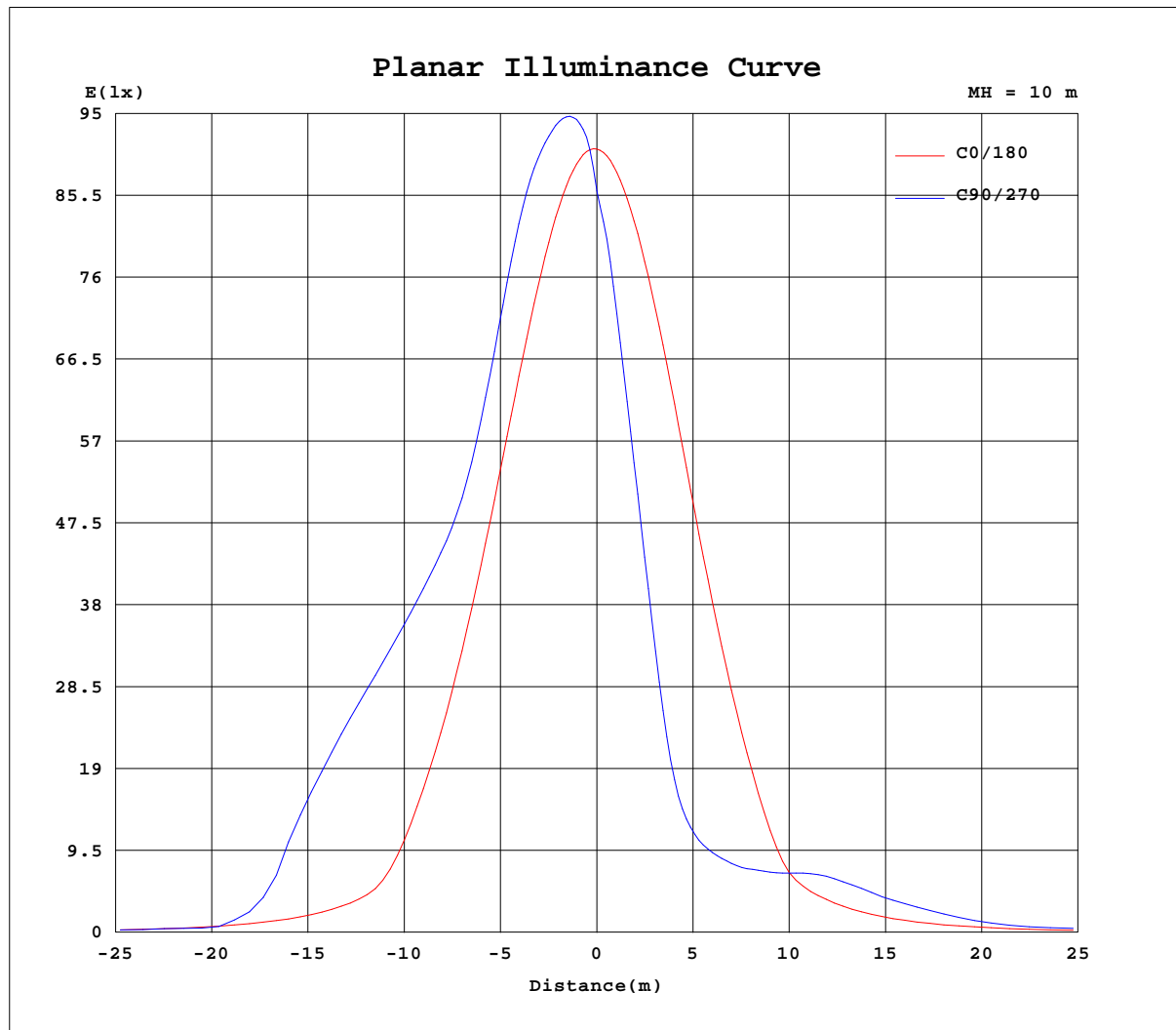
AvgL	cd/m2
L_0~180(65)av	4635
L_0~180(75)av	3307
L_0~180(85)av	2021
L_90~270(65)av	6645
L_90~270(75)av	4832
L_90~270(85)av	2821
L_45(65)av	37847
L_45(75)av	10149
L_45(85)av	3864

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity: 65.0%
Test Distance: 8.930m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873
5	872	894	907	921	934	956	963	964	957	944	920	884	864	833	810	796	784	772	770
10	860	896	922	945	965	995	1004	1004	993	975	945	897	844	786	747	700	659	626	618
15	836	889	926	958	984	1021	1032	1030	1014	989	947	889	811	726	650	573	513	462	449
20	797	870	921	965	1000	1040	1051	1051	1030	994	938	861	764	645	530	431	353	293	278
25	742	841	910	964	987	1019	1028	1039	1032	993	920	818	696	540	395	279	213	184	180
30	668	801	890	941	941	965	970	988	1000	980	892	759	606	411	250	182	155	149	151
35	571	747	860	893	891	919	930	935	944	944	853	681	491	264	173	145	134	143	148
40	448	676	811	840	869	941	963	940	900	883	800	582	345	177	142	128	130	156	163
45	292	585	743	799	904	999	1027	999	903	822	729	458	190	144	125	120	150	187	198
50	160	473	658	785	966	1058	1080	1066	964	767	634	297	139	121	111	135	186	236	249
55	121	343	557	824	1031	1039	1007	1081	1039	765	511	130	107	100	110	166	214	240	250
60	92.1	162	458	872	901	510	330	633	1058	821	379	101	81.1	79.1	115	156	182	201	208
65	67.4	89.5	407	921	150	63.6	67.9	63.6	350	894	276	76.2	59.0	63.7	97.9	119	132	112	113
70	46.8	69.5	513	276	51.8	48.5	45.0	48.3	76.9	467	303	56.9	39.9	48.9	72.2	71.1	71.2	76.0	80.8
75	30.3	45.2	397	99.0	24.4	21.9	19.7	22.2	28.4	147	361	35.6	24.9	31.9	37.2	44.2	51.4	57.0	61.0
80	18.0	28.1	136	31.2	8.44	7.47	6.31	7.08	9.39	44.7	127	17.8	13.2	16.6	24.0	29.3	35.6	37.1	38.7
85	7.19	18.1	27.8	4.00	1.42	1.52	1.11	1.21	1.39	5.01	20.7	5.57	4.17	6.92	10.1	16.1	17.0	14.7	14.7
90	0.61	0.30	0.36	0.40	0.41	0.42	0.44	0.49	0.52	0.48	0.44	0.38	0.18	0.30	1.38	3.17	3.84	2.56	2.84
95	0.42	0.37	0.43	0.50	0.54	0.56	0.59	0.63	0.63	0.59	0.53	0.48	0.25	0.40	0.57	0.72	0.79	0.82	0.77
100	0.58	0.45	0.51	0.60	0.67	0.71	0.74	0.77	0.76	0.70	0.63	0.59	0.35	0.55	0.70	0.83	0.91	0.99	1.05
105	0.81	0.54	0.59	0.69	0.78	0.85	0.88	0.91	0.87	0.79	0.72	0.72	0.48	0.74	0.85	0.96	1.01	1.08	1.16
110	1.10	0.68	0.66	0.76	0.85	0.95	1.00	1.00	0.96	0.87	0.82	0.90	0.64	0.99	1.05	1.14	1.15	1.20	1.28
115	1.44	0.89	0.74	0.79	0.88	0.98	1.03	1.04	0.99	0.92	0.93	1.13	0.83	1.26	1.32	1.32	1.35	1.38	1.46
120	1.82	1.18	0.88	0.84	0.88	0.96	1.01	1.02	1.00	1.00	1.11	1.42	1.03	1.54	1.68	1.54	1.60	1.63	1.71
125	2.22	1.54	1.12	0.96	0.92	0.95	0.99	1.02	1.06	1.14	1.35	1.77	1.23	1.86	2.10	1.88	1.83	1.92	1.93
130	2.62	1.95	1.46	1.18	1.06	1.02	1.05	1.11	1.21	1.38	1.68	2.13	1.43	2.18	2.57	2.42	2.16	2.23	2.30
135	3.00	2.40	1.87	1.52	1.32	1.22	1.23	1.31	1.47	1.70	2.06	2.50	1.67	2.44	3.01	3.09	2.74	2.76	2.85
140	3.35	2.84	2.35	1.97	1.71	1.55	1.55	1.65	1.85	2.12	2.48	2.84	1.94	2.63	3.38	3.70	3.56	3.48	3.43
145	3.65	3.26	2.84	2.50	2.23	2.04	2.02	2.13	2.35	2.61	2.90	3.17	2.25	2.86	3.64	4.20	4.29	4.30	4.17
150	3.90	3.62	3.31	3.04	2.83	2.64	2.61	2.72	2.90	3.09	3.28	3.45	2.57	3.13	3.84	4.54	4.86	5.03	4.96
155	4.10	3.91	3.72	3.55	3.41	3.29	3.27	3.33	3.44	3.54	3.62	3.70	2.91	3.48	4.12	4.74	5.17	5.46	5.47
160	4.26	4.16	4.08	4.00	3.94	3.90	3.89	3.91	3.94	3.95	3.93	3.94	3.30	3.87	4.46	4.97	5.32	5.59	5.61
165	4.37	4.36	4.36	4.38	4.39	4.43	4.42	4.41	4.38	4.29	4.19	4.14	3.70	4.25	4.77	5.19	5.48	5.72	5.74
170	4.43	4.51	4.59	4.70	4.78	4.88	4.88	4.84	4.75	4.59	4.43	4.31	4.01	4.49	4.91	5.26	5.50	5.72	5.73
175	4.42	4.60	4.76	4.93	5.07	5.22	5.21	5.14	5.00	4.78	4.56	4.35	4.21	4.59	4.93	5.20	5.40	5.60	5.59
180	4.35	4.63	4.87	5.09	5.26	5.45	5.42	5.35	5.16	4.92	4.63	4.31	4.35	4.62	4.87	5.09	5.27	5.44	5.43

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.22V I:1.0432A P:125.42W PF:0.9964 Freq:59.98Hz Lamp Flux:19747.3x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) g (DEG)	285	300	315	330	345													
0	873	873	873	873	873													
5	772	784	802	826	850													
10	623	651	690	749	807													
15	460	501	563	650	746													
20	292	340	420	535	664													
25	187	211	274	403	562													
30	153	159	189	263	441													
35	147	141	153	188	301													
40	158	139	137	156	202													
45	188	160	129	138	165													
50	238	196	143	123	141													
55	244	224	175	119	119													
60	206	193	173	122	94.1													
65	121	143	129	111	75.5													
70	78.1	75.4	83.9	84.2	59.0													
75	58.5	54.4	48.9	50.9	40.8													
80	38.8	37.7	32.8	28.7	24.9													
85	16.3	18.7	18.3	14.3	11.2													
90	3.30	4.57	4.92	3.88	2.21													
95	0.88	0.94	0.84	0.63	0.35													
100	1.13	1.09	0.93	0.71	0.44													
105	1.26	1.20	1.03	0.81	0.55													
110	1.39	1.32	1.16	0.95	0.68													
115	1.56	1.49	1.33	1.11	0.83													
120	1.77	1.72	1.59	1.24	0.99													
125	2.01	2.12	1.81	1.40	1.14													
130	2.55	2.53	2.03	1.65	1.32													
135	2.98	2.76	2.35	1.99	1.48													
140	3.42	3.26	2.97	2.33	1.66													
145	4.13	3.98	3.51	2.66	1.89													
150	4.88	4.60	3.95	3.02	2.25													
155	5.35	4.96	4.29	3.46	2.72													
160	5.50	5.15	4.63	3.95	3.26													
165	5.62	5.35	4.96	4.41	3.77													
170	5.62	5.40	5.09	4.65	4.11													
175	5.51	5.30	5.03	4.68	4.25													
180	5.34	5.16	4.91	4.64	4.31													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks: