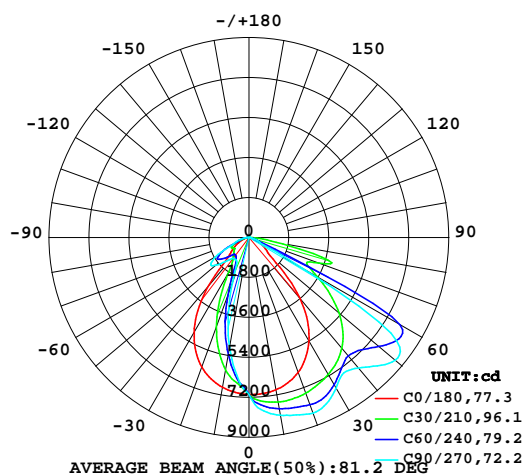


LUMINAIRE PHOTOMETRIC TEST REPORT

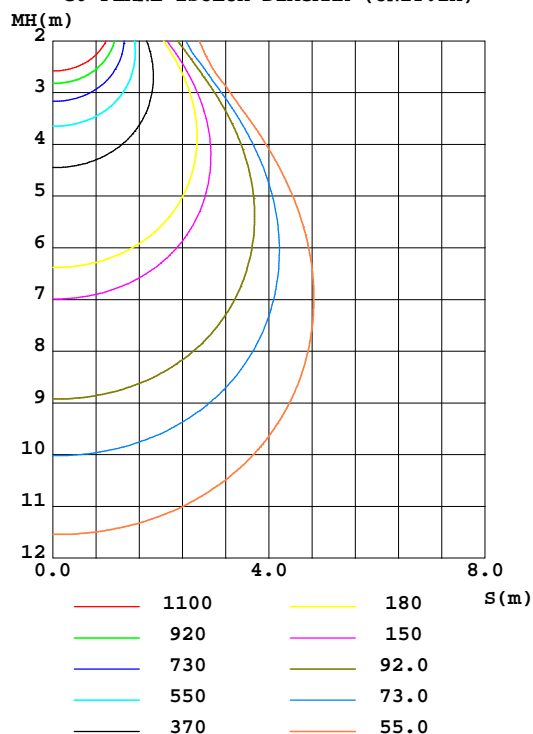
Test:U:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.46 lm/W			
MODEL		I _{max} (cd)	8669	S/MH(C0/180)	1.08
NOMINAL POWER(W)	105	LOR(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	15861	h UP,DN(C0-180)	0.2,75.1
NOMINAL FLUX(lm)	15860.7	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,24.4
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:

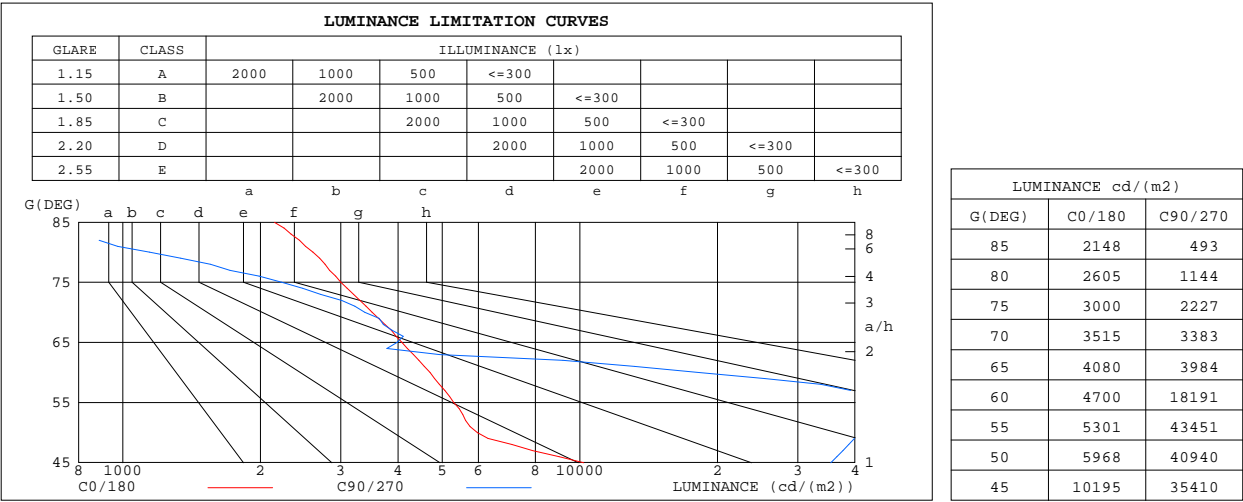
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	6960	7694	8125	7934	6850	5670	5044	5615	0- 10	661.7	661.7	4.17,4.17
20	6469	7757	8415	7983	6213	3466	2213	3354	10- 20	1760	2422	15.3,15.3
30	5397	7612	7834	7832	4952	1339	1179	1364	20- 30	2372	4794	30.2,30.2
40	3563	6846	7675	7085	2834	997.8	1279	1039	30- 40	2639	7433	46.9,46.9
50	1194	6166	8592	6118	1087	1055	1942	1124	40- 50	2870	10302	65,65
60	731.2	6757	2969	6593	654.1	1291	1735	1454	50- 60	3032	13334	84.1,84.1
70	374.1	3082	377.7	3300	318.1	524.9	650.5	656.7	60- 70	1679	15013	94.7,94.7
80	140.7	331.0	64.85	337.2	100.9	217.1	283.3	253.5	70- 80	641.1	15655	98.7,98.7
90	6.576	3.228	3.620	3.910	1.494	10.83	10.52	28.97	80- 90	115.9	15771	99.4,99.4
100	4.777	4.793	6.035	5.625	2.714	6.681	8.329	7.482	90-100	5.506	15776	99.5,99.5
110	8.996	6.036	8.087	6.979	5.057	9.219	10.17	9.317	100-110	7.193	15783	99.5,99.5
120	14.76	6.563	7.946	7.819	8.082	12.60	13.62	12.80	110-120	8.968	15792	99.6,99.6
130	21.12	9.393	8.206	10.86	11.30	19.97	18.40	16.53	120-130	10.92	15803	99.6,99.6
140	26.98	15.86	12.39	17.02	15.48	29.80	27.40	23.92	130-140	13.42	15817	99.7,99.7
150	31.42	24.61	21.22	24.95	20.51	36.07	39.48	31.82	140-150	15.37	15832	99.8,99.8
160	34.31	32.18	31.51	31.74	26.31	39.66	44.59	37.11	150-160	14.58	15847	99.9,99.9
170	35.75	37.70	39.12	36.76	32.12	42.12	45.47	40.69	160-170	10.41	15857	100,100
180	35.05	40.88	43.27	39.38	35.06	40.88	43.26	39.38	170-180	3.749	15861	100,100
DEG	LUMINOUS INTENSITY:cd									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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



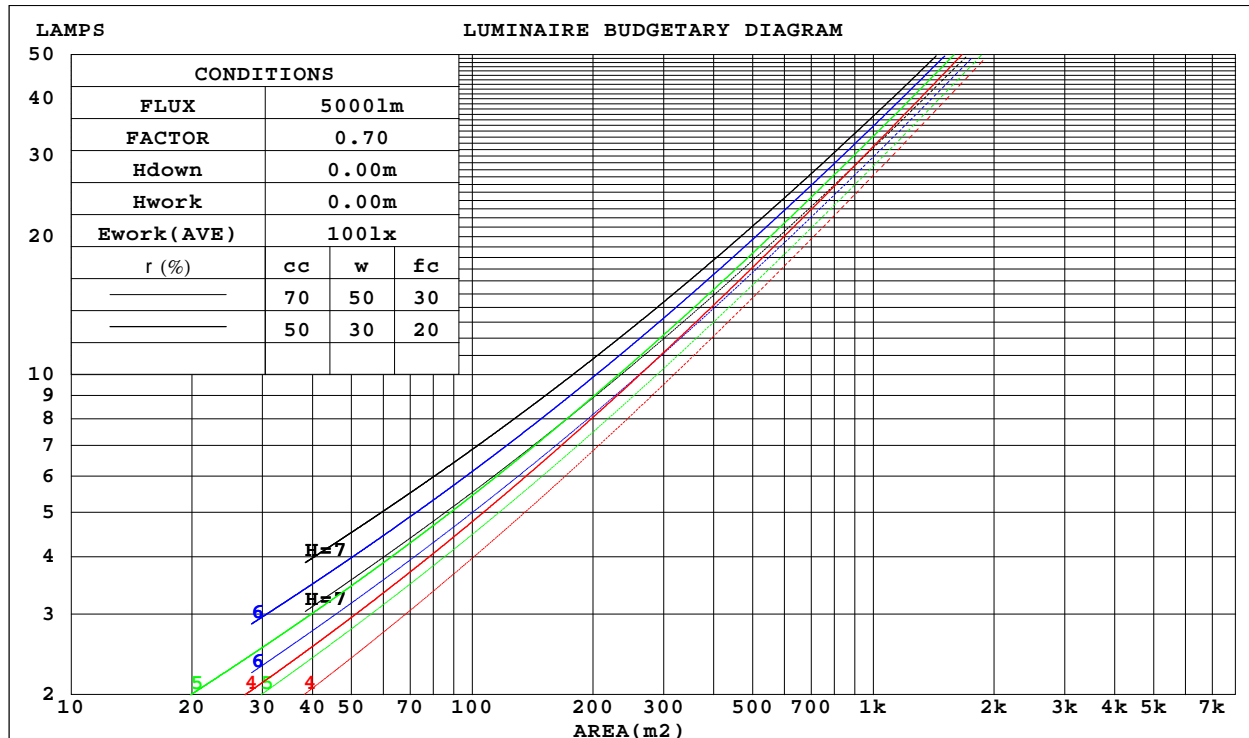
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	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	.99	.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	.63	.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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	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	.280	.159	.050	.273	.155	.049	.259	.149	.047	.247	.142	.046	.235	.136	.044	
2.0	.270	.148	.045	.264	.145	.045	.252	.140	.044	.241	.135	.042	.231	.131	.041	
3.0	.254	.135	.041	.249	.133	.040	.238	.129	.039	.229	.125	.038	.220	.122	.038	
4.0	.237	.123	.036	.233	.122	.036	.223	.118	.035	.215	.115	.035	.207	.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	.078	.022	.152	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.153	.075	.021	.148	.073	.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	.166	.166	.166	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.183	.161	.141	.156	.138	.121	.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	.064	.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	.038	.118	.069	.034	.082	.048	.024	.048	.028	.014	.015	.009	.005	
8.0	.131	.074	.034	.113	.064	.029	.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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm											
NAME: XWPD(76/105/125)W(30/40/50)W						TYPE:			WEIGHT:		
SPEC.: 3000K						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	13.8	15.2	14.0	15.4	15.6	18.4	19.8	18.6	20.0	20.2	
	3H	13.9	15.3	14.2	15.5	15.8	18.2	19.5	18.5	19.8	20.0
	4H	13.9	15.2	14.2	15.4	15.7	18.1	19.4	18.4	19.6	19.9
	6H	13.9	15.1	14.2	15.3	15.6	18.0	19.2	18.3	19.5	19.7
	8H	13.8	15.0	14.2	15.3	15.6	17.9	19.1	18.3	19.4	19.7
	12H	13.8	14.9	14.1	15.2	15.5	17.9	19.0	18.2	19.3	19.6
4H	2H	16.8	18.1	17.1	18.3	18.6	19.2	20.4	19.5	20.7	21.0
	3H	17.9	19.0	18.3	19.4	19.7	19.0	20.1	19.4	20.4	20.8
	4H	18.4	19.4	18.8	19.8	20.1	19.0	20.0	19.3	20.3	20.6
	6H	18.4	19.3	18.9	19.7	20.1	18.9	19.7	19.3	20.1	20.5
	8H	18.4	19.2	18.8	19.6	20.0	18.8	19.6	19.2	20.0	20.4
	12H	18.4	19.1	18.8	19.5	19.9	18.8	19.5	19.2	19.9	20.3
8H	4H	18.7	19.6	19.1	19.9	20.3	19.2	20.0	19.6	20.4	20.8
	6H	19.0	19.7	19.5	20.1	20.5	19.1	19.8	19.5	20.2	20.6
	8H	19.1	19.7	19.5	20.1	20.6	19.0	19.6	19.5	20.1	20.5
	12H	19.1	19.6	19.5	20.0	20.5	19.0	19.5	19.5	20.0	20.5
12H	4H	18.7	19.4	19.1	19.8	20.2	19.2	19.9	19.6	20.3	20.7
	6H	19.0	19.6	19.5	20.0	20.5	19.1	19.7	19.6	20.1	20.6
	8H	19.1	19.6	19.6	20.0	20.5	19.1	19.6	19.6	20.0	20.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.7 / - 0.7					+ 1.2 / - 1.9					
1.5H	+ 1.2 / - 1.2					+ 2.1 / - 3.0					
2.0H	+ 0.8 / - 1.4					+ 1.9 / - 3.4					

CIE Pub.117, 15861 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.6)
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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

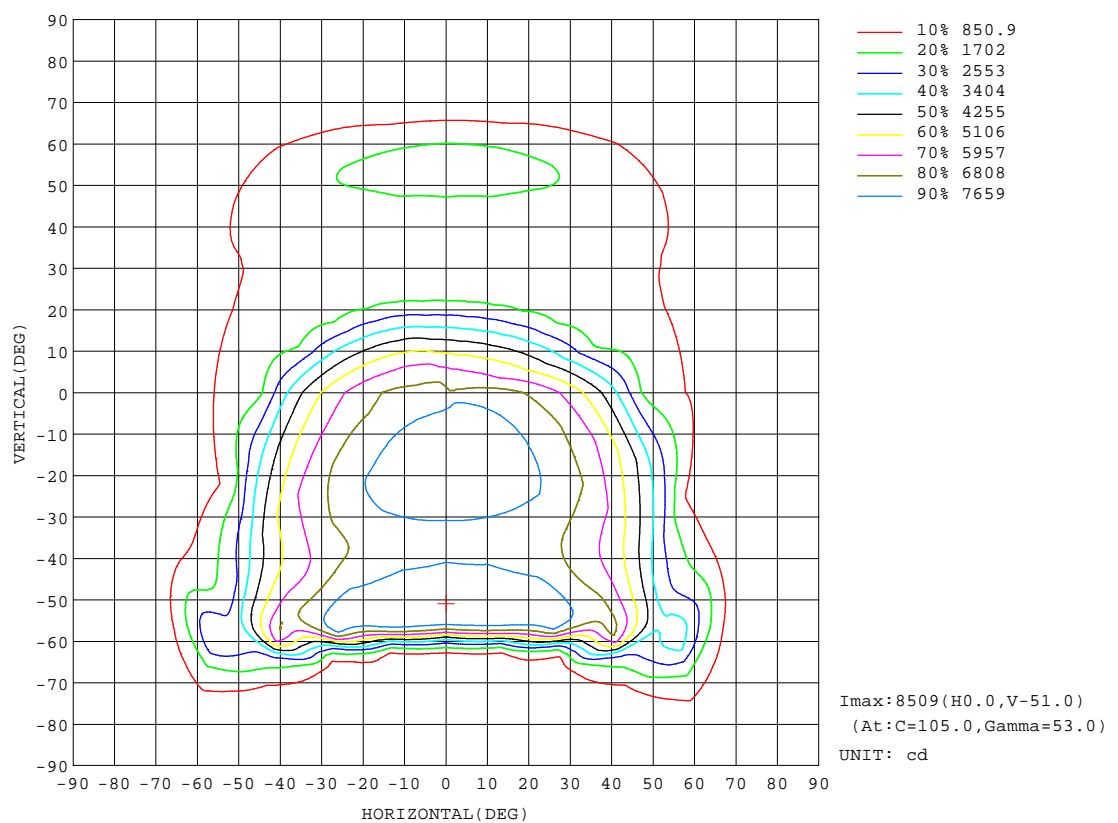
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	57	46	40	56	46	39	33
0.80	69	57	50	68	57	50	66	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	73	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	80
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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



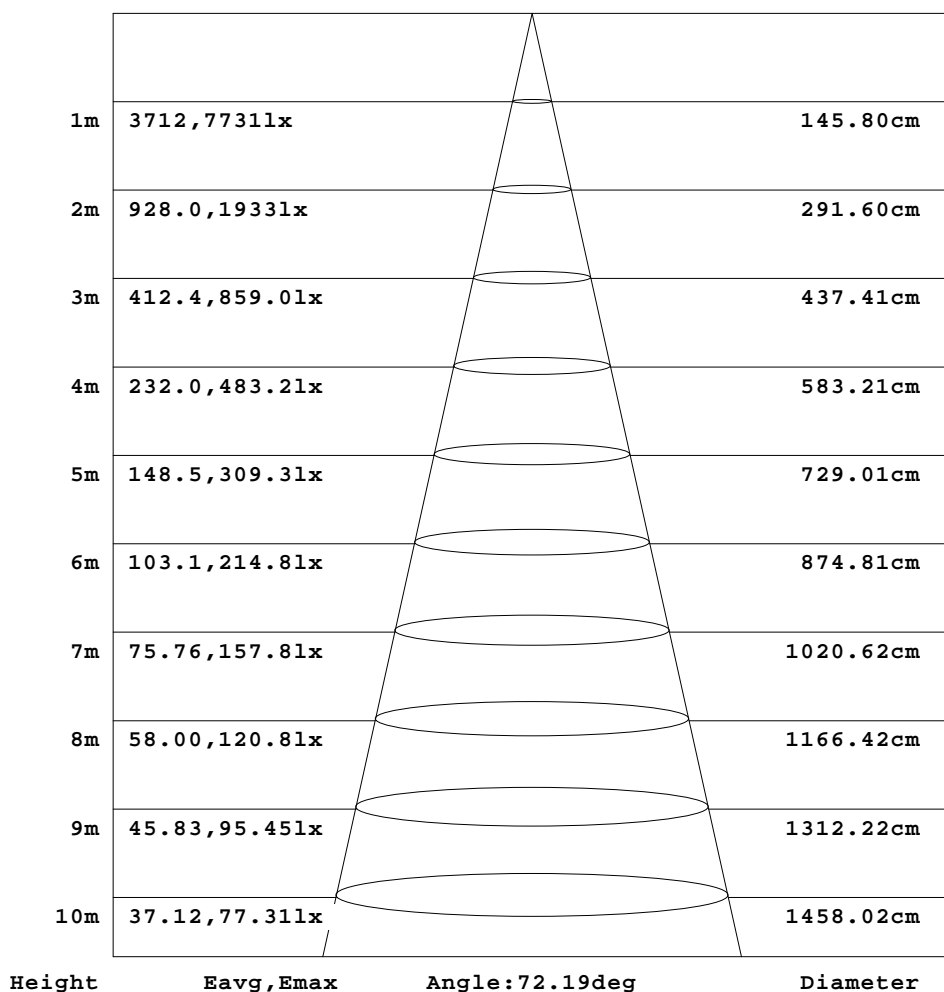
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:

AAI Figure

Test:U:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:6622 lm



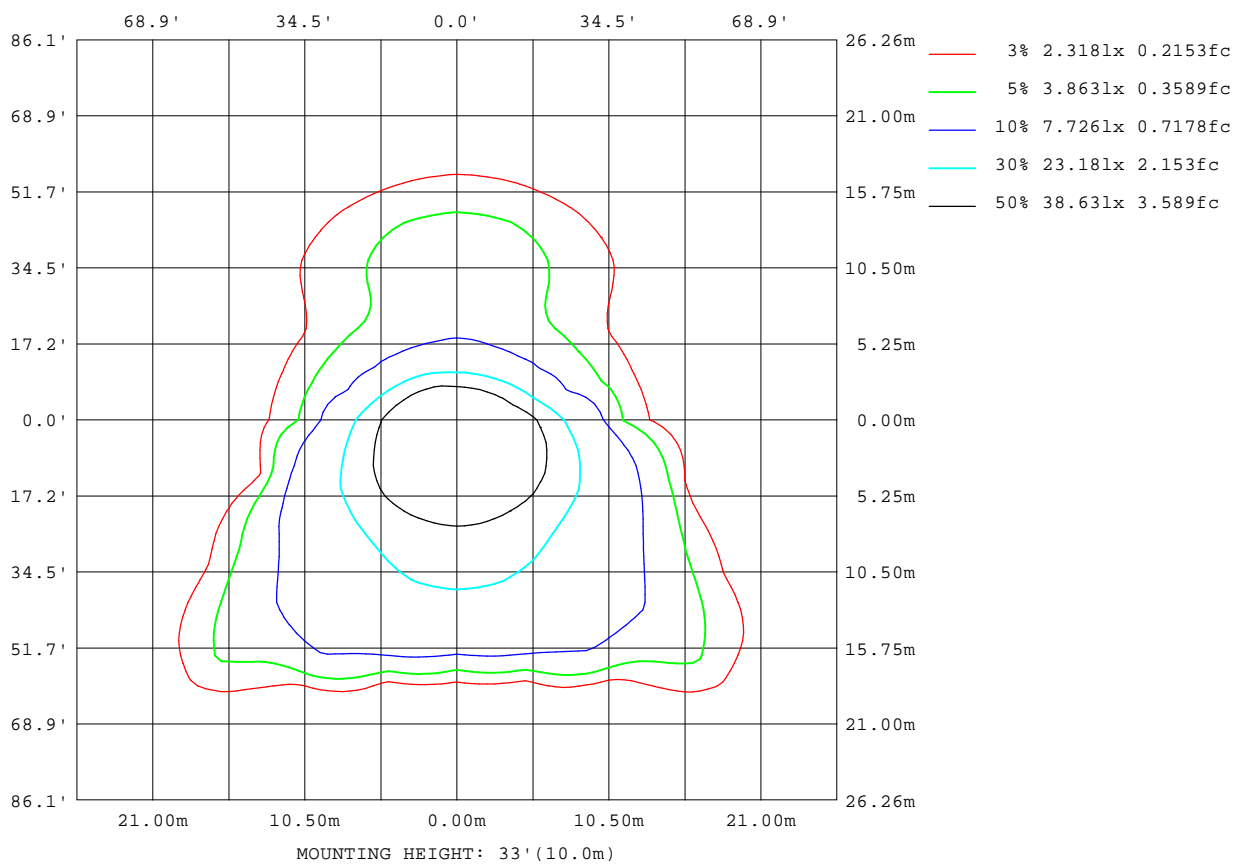
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

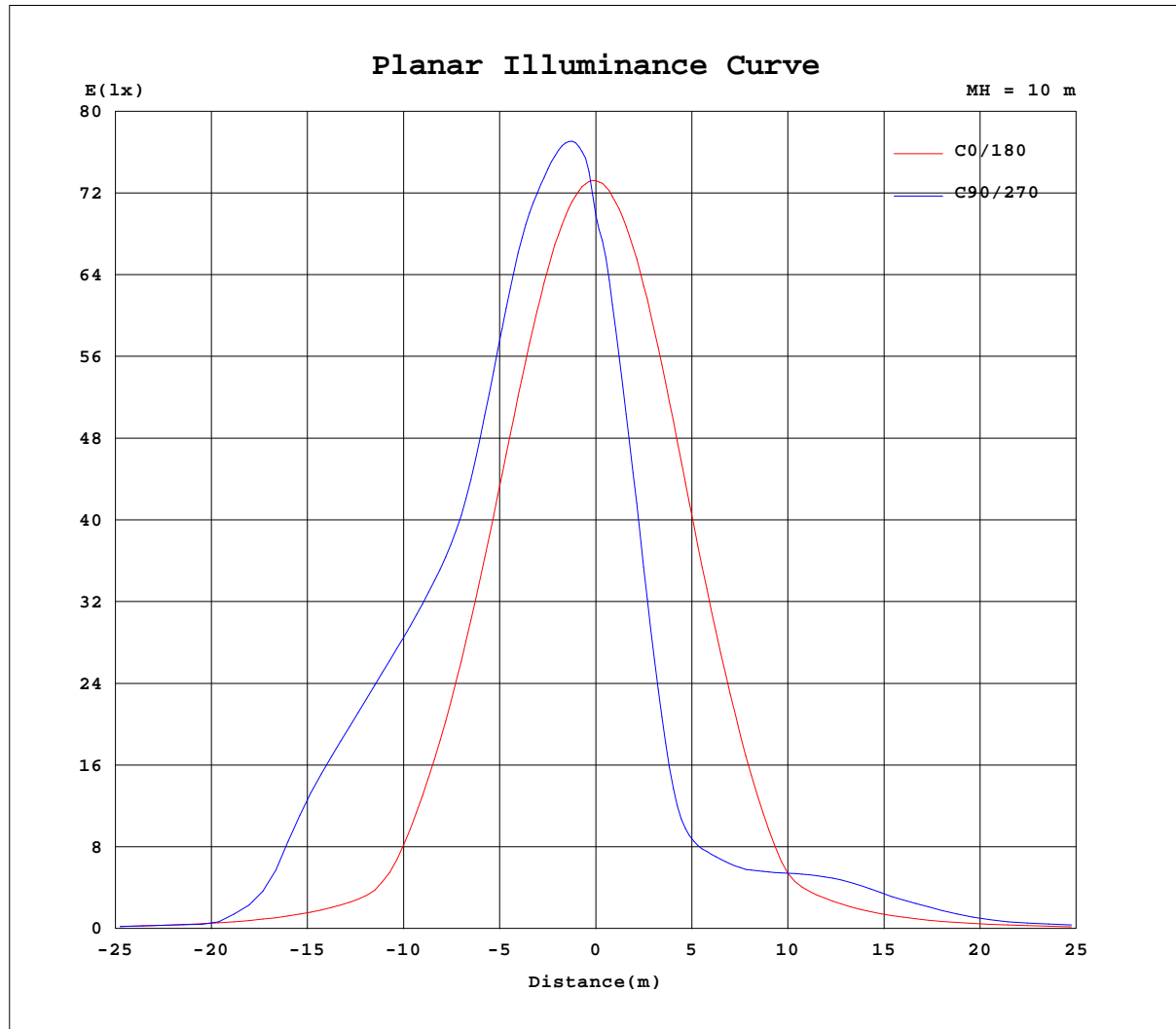
AvgL	cd/m2
L_0~180(65)av	3712
L_0~180(75)av	2629
L_0~180(85)av	1542
L_90~270(65)av	5365
L_90~270(75)av	3919
L_90~270(85)av	1964
L_45(65)av	29718
L_45(75)av	8435
L_45(85)av	3022

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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	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	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070	7070
5	7053	7283	7403	7513	7613	7791	7840	7847	7810	7703	7476	7137	6997	6714	6555	6474	6370	6301	6256
10	6960	7307	7523	7694	7824	8061	8125	8136	8072	7934	7693	7276	6850	6341	6062	5670	5362	5113	5044
15	6775	7244	7532	7757	7927	8196	8264	8273	8186	8006	7707	7262	6604	5893	5275	4641	4172	3765	3627
20	6469	7087	7460	7757	8013	8332	8415	8401	8238	7983	7616	7035	6213	5247	4300	3466	2819	2351	2213
25	6019	6840	7323	7748	7971	8213	8262	8332	8270	7923	7426	6690	5667	4384	3146	2178	1616	1370	1338
30	5397	6480	7123	7612	7663	7815	7834	7956	8026	7832	7153	6212	4952	3312	1934	1339	1163	1145	1179
35	4599	5999	6874	7275	7241	7393	7453	7505	7600	7542	6826	5608	4033	2078	1284	1116	1034	1122	1169
40	3563	5391	6504	6846	6965	7494	7675	7506	7203	7085	6399	4832	2834	1327	1100	998	1004	1207	1279
45	2243	4635	5980	6452	7154	7943	8175	7957	7204	6582	5841	3859	1488	1129	978	924	1171	1474	1560
50	1194	3700	5307	6166	7633	8429	8592	8510	7689	6118	5101	2639	1087	962	867	1055	1463	1824	1942
55	946	2595	4462	6347	8104	8374	8137	8596	8291	6080	4136	1072	862	791	848	1315	1708	1998	2098
60	731	998	3583	6757	7864	4496	2969	4926	8444	6593	3127	797	654	618	922	1291	1522	1653	1735
65	537	676	2899	7057	1850	531	550	543	2615	7091	2302	624	475	505	786	961	1065	904	912
70	374	535	3380	3082	480	410	378	408	585	3300	2732	479	318	385	566	525	551	615	650
75	242	359	3396	1013	250	215	188	214	263	1098	2961	301	197	237	272	329	402	444	466
80	141	209	1254	331	92.0	75.2	64.9	72.1	89.9	337	1021	165	101	117	172	217	268	279	283
85	58.3	132	382	55.0	17.9	16.5	14.0	15.0	16.3	38.1	252	71.2	28.4	41.9	67.9	109	119	97.8	96.3
90	6.58	2.44	2.89	3.23	3.35	3.40	3.62	4.01	4.22	3.91	3.52	3.02	1.49	2.35	4.39	10.8	16.3	8.78	10.5
95	3.45	2.93	3.42	4.01	4.40	4.64	4.86	5.18	5.20	4.74	4.23	3.77	1.96	3.25	4.53	5.79	6.39	6.59	6.21
100	4.78	3.59	4.06	4.79	5.37	5.79	6.04	6.31	6.21	5.62	5.01	4.60	2.71	4.43	5.60	6.68	7.33	7.92	8.33
105	6.65	4.34	4.71	5.53	6.29	6.88	7.19	7.42	7.15	6.43	5.76	5.64	3.73	5.98	6.91	7.80	8.12	8.62	9.24
110	9.00	5.49	5.26	6.04	6.87	7.68	8.09	8.20	7.76	6.98	6.45	6.97	5.06	7.91	8.55	9.22	9.32	9.57	10.2
115	11.8	7.22	5.87	6.25	6.97	7.81	8.25	8.31	7.90	7.28	7.29	8.73	6.56	10.0	10.8	10.7	10.9	11.1	11.7
120	14.8	9.54	7.02	6.56	6.88	7.53	7.95	8.09	7.89	7.82	8.63	11.1	8.08	12.3	13.8	12.6	12.9	13.1	13.6
125	17.9	12.4	8.97	7.55	7.19	7.42	7.73	8.03	8.32	8.97	10.6	13.9	9.63	14.8	17.1	15.5	14.8	15.4	15.4
130	21.1	15.7	11.7	9.39	8.37	8.04	8.21	8.72	9.59	10.9	13.3	16.9	11.3	17.2	20.7	20.0	17.6	18.0	18.4
135	24.2	19.3	15.1	12.2	10.5	9.74	9.77	10.4	11.7	13.5	16.4	19.9	13.3	19.2	24.1	25.1	22.4	22.1	22.7
140	27.0	22.9	19.0	15.9	13.7	12.5	12.4	13.2	14.8	17.0	19.9	22.7	15.5	20.8	26.9	29.8	28.9	27.9	27.4
145	29.4	26.2	23.0	20.2	18.1	16.5	16.3	17.1	19.0	21.0	23.3	25.4	17.9	22.6	28.7	33.6	34.5	34.4	33.3
150	31.4	29.1	26.7	24.6	22.9	21.5	21.2	22.0	23.5	24.9	26.4	27.7	20.5	24.9	30.4	36.1	38.7	40.1	39.5
155	33.0	31.5	30.0	28.6	27.6	26.8	26.5	27.0	27.8	28.5	29.1	29.7	23.2	27.7	32.8	37.7	41.0	43.3	43.4
160	34.3	33.5	32.8	32.2	31.8	31.6	31.5	31.6	31.8	31.7	31.5	31.6	26.3	31.0	35.5	39.7	42.3	44.4	44.6
165	35.2	35.1	35.0	35.2	35.4	35.7	35.6	35.4	35.2	34.4	33.6	33.2	29.6	34.1	38.1	41.5	43.6	45.5	45.6
170	35.7	36.3	36.9	37.7	38.4	39.2	39.1	38.8	38.1	36.8	35.6	34.6	32.1	36.1	39.4	42.1	43.8	45.4	45.5
175	35.7	37.0	38.3	39.6	40.7	41.8	41.7	41.1	40.0	38.3	36.6	35.0	33.9	37.0	39.6	41.7	43.2	44.6	44.4
180	35.1	37.3	39.1	40.9	42.2	43.5	43.3	42.6	41.3	39.4	37.2	34.8	35.1	37.2	39.1	40.9	42.2	43.5	43.3

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:120.34V I:0.8760A P:105.42W PF:0.9934 Freq:59.98Hz Lamp Flux:15860.7x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345													
0	7070	7070	7070	7070	7070													
5	6275	6380	6506	6704	6882													
10	5079	5310	5615	6058	6508													
15	3725	4075	4570	5248	5990													
20	2319	2701	3354	4292	5311													
25	1377	1581	2103	3142	4452													
30	1180	1190	1364	1970	3408													
35	1160	1100	1149	1342	2217													
40	1244	1087	1039	1156	1426													
45	1503	1271	976	1036	1215													
50	1865	1564	1124	929	1058													
55	2062	1818	1395	915	899													
60	1727	1650	1454	999	724													
65	972	1174	1088	918	589													
70	640	597	657	682	467													
75	465	438	375	391	320													
80	297	292	254	213	179													
85	108	135	137	106	78.7													
90	13.7	23.9	29.0	24.2	12.3													
95	7.00	7.50	6.70	5.11	2.93													
100	8.99	8.75	7.48	5.75	3.66													
105	9.97	9.58	8.24	6.58	4.55													
110	11.1	10.6	9.32	7.68	5.64													
115	12.5	12.0	10.7	9.00	6.82													
120	14.1	13.8	12.8	10.11	8.06													
125	16.0	17.0	14.8	11.4	9.35													
130	20.3	20.4	16.5	13.4	10.8													
135	23.8	22.3	19.0	16.2	12.1													
140	27.4	26.2	23.9	19.0	13.5													
145	33.0	31.9	28.3	21.7	15.4													
150	38.9	36.8	31.8	24.4	18.3													
155	42.6	39.6	34.4	27.9	22.1													
160	43.8	41.2	37.1	31.8	26.4													
165	44.8	42.7	39.7	35.4	30.5													
170	44.8	43.1	40.7	37.4	33.2													
175	43.8	42.3	40.3	37.7	34.3													
180	42.6	41.3	39.4	37.3	34.8													

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: