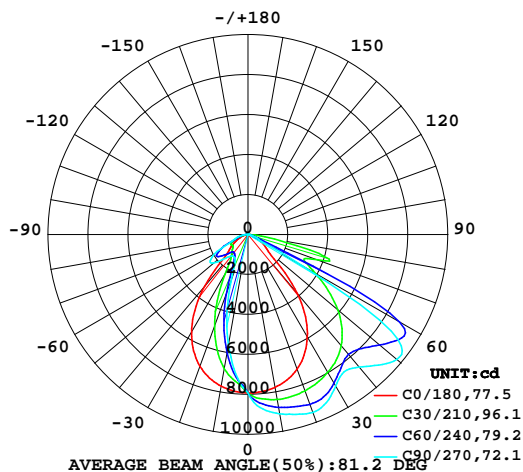


LUMINAIRE PHOTOMETRIC TEST REPORT

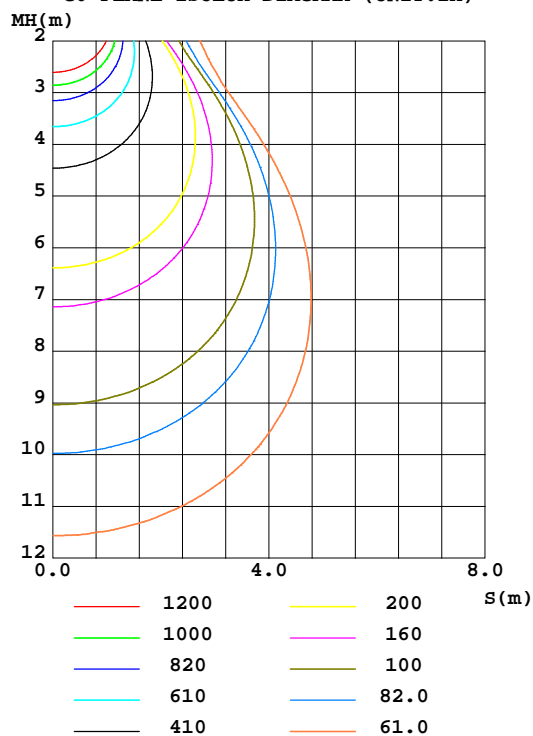
Test:U:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 170.11 lm/W			
MODEL		I _{max} (cd)	9847	S/MH(C0/180)	1.10
NOMINAL POWER(W)	105	LOR(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	17882	h UP,DN(C0-180)	0.2,74.9
NOMINAL FLUX(lm)	17882	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,24.5
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:

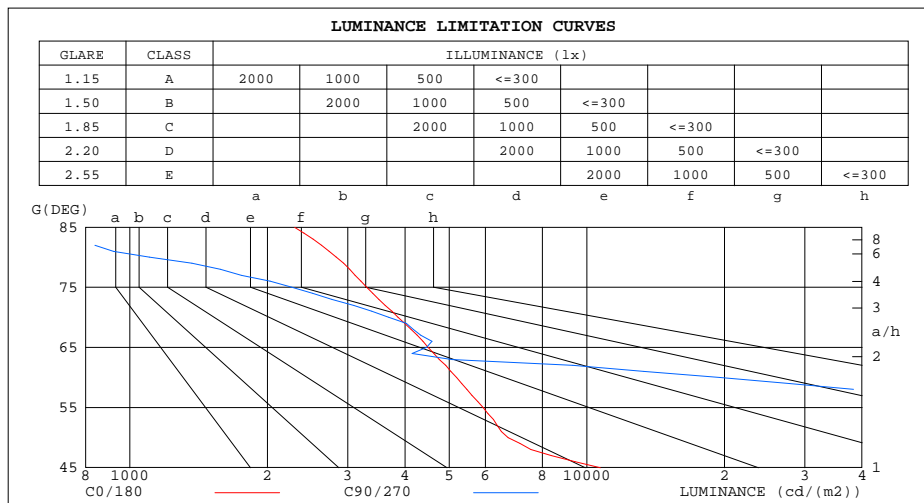
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	7771	8594	9103	8885	7707	6383	5644	6261	0- 10	740.8	740.8	4.14,4.14
20	7176	8698	9470	9013	7026	3969	2520	3741	10- 20	1976	2716	15.2,15.2
30	5947	8519	8772	8874	5657	1607	1348	1599	20- 30	2675	5391	30.1,30.1
40	3848	7634	8667	8005	3375	1140	1449	1186	30- 40	2980	8371	46.8,46.8
50	1354	6907	9723	7000	1253	1168	2212	1296	40- 50	3247	11618	65,65
60	813.2	7540	3188	7589	744.7	1422	1924	1609	50- 60	3423	15041	84.1,84.1
70	414.3	3718	411.1	4051	364.2	645.3	731.4	742.6	60- 70	1889	16930	94.7,94.7
80	154.0	355.6	62.41	359.2	119.4	254.9	336.0	291.7	70- 80	719.6	17650	98.7,98.7
90	5.747	3.653	4.037	4.400	1.609	23.42	21.55	39.22	80- 90	130.2	17780	99.4,99.4
100	5.576	5.389	6.720	6.326	2.915	7.448	9.426	8.566	90-100	6.486	17787	99.5,99.5
110	10.51	6.763	9.033	7.899	5.467	10.29	11.50	10.61	100-110	8.107	17795	99.5,99.5
120	17.15	7.480	9.023	8.872	8.871	14.05	15.36	14.53	110-120	10.13	17805	99.6,99.6
130	24.27	10.79	9.324	12.20	12.49	22.34	20.75	18.81	120-130	12.35	17817	99.6,99.6
140	30.74	18.09	13.98	18.99	17.16	33.39	30.98	27.24	130-140	15.14	17832	99.7,99.7
150	35.53	27.81	23.78	27.91	22.81	40.48	44.71	36.30	140-150	17.34	17850	99.8,99.8
160	38.67	36.24	35.31	35.71	29.30	44.51	50.48	42.20	150-160	16.43	17866	99.9,99.9
170	40.14	42.45	44.09	41.58	35.86	47.31	51.49	46.19	160-170	11.73	17878	100,100
180	39.22	45.92	48.91	44.59	39.23	45.92	48.95	44.59	170-180	4.226	17882	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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2295	426
80	2831	1103
75	3296	2262
70	3866	3688
65	4496	4458
60	5190	19564
55	5929	48944
50	6724	46413
45	10698	40118

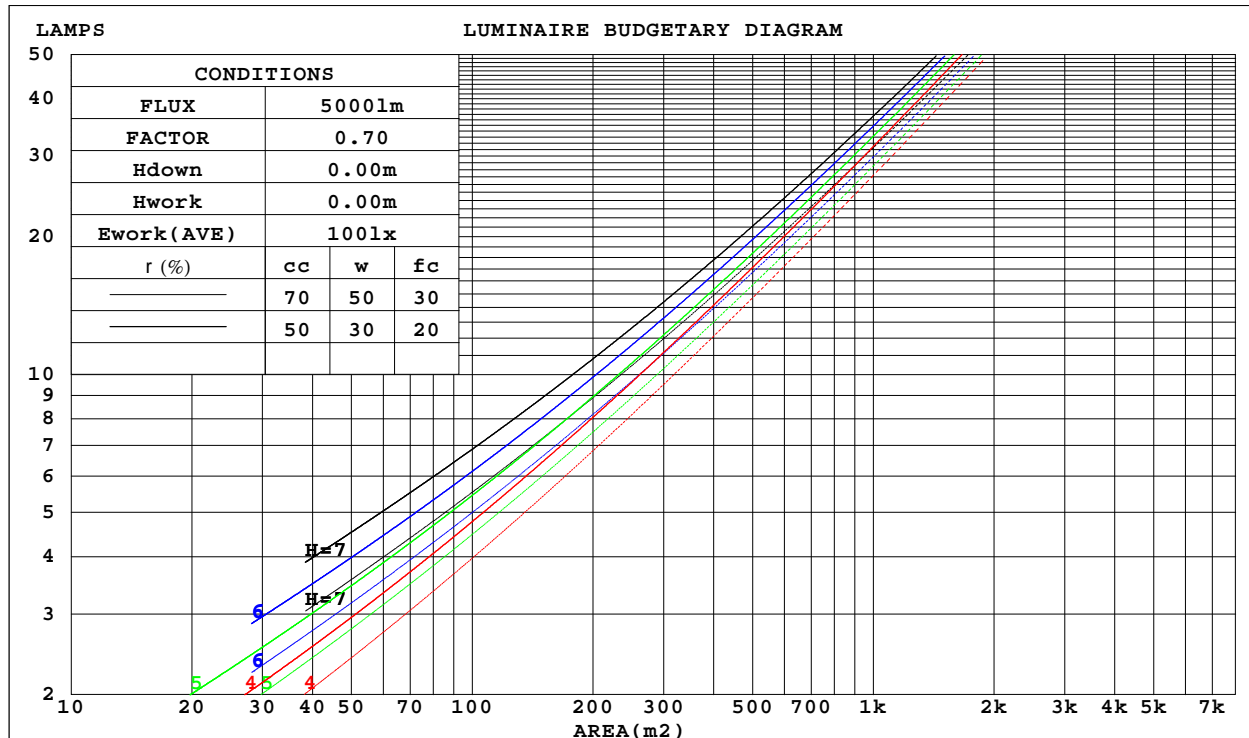
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-28

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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	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	.238	.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	.203	.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	.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	.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	.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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm											
NAME: XWPD(76/105/125)W(30/40/50)W						TYPE:		WEIGHT:			
SPEC.: 4000K						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	13.6	15.0	13.8	15.2	15.5	18.4	19.8	18.6	20.0	20.2	
	3H	13.8	15.1	14.1	15.3	15.6	18.2	19.5	18.5	19.7	20.0
	4H	13.7	15.0	14.1	15.3	15.5	18.1	19.3	18.4	19.6	19.9
	6H	13.7	14.9	14.0	15.2	15.4	18.0	19.2	18.3	19.4	19.7
	8H	13.6	14.8	14.0	15.1	15.4	17.9	19.1	18.3	19.4	19.7
	12H	13.6	14.7	14.0	15.0	15.3	17.9	19.0	18.2	19.3	19.6
4H	2H	16.7	18.0	17.0	18.2	18.5	19.2	20.4	19.5	20.7	21.0
	3H	17.8	18.9	18.2	19.2	19.6	19.0	20.1	19.4	20.4	20.7
	4H	18.3	19.3	18.7	19.6	20.0	18.9	19.9	19.3	20.3	20.6
	6H	18.3	19.2	18.7	19.5	19.9	18.8	19.7	19.3	20.1	20.5
	8H	18.3	19.1	18.7	19.5	19.9	18.8	19.6	19.2	20.0	20.4
	12H	18.2	19.0	18.7	19.4	19.8	18.8	19.5	19.2	19.9	20.3
8H	4H	18.6	19.4	19.0	19.8	20.2	19.1	20.0	19.5	20.3	20.7
	6H	18.8	19.5	19.3	19.9	20.4	19.0	19.7	19.5	20.1	20.6
	8H	18.9	19.5	19.3	19.9	20.4	19.0	19.6	19.5	20.0	20.5
	12H	18.9	19.4	19.4	19.8	20.3	19.0	19.5	19.5	19.9	20.4
12H	4H	18.5	19.3	19.0	19.7	20.1	19.1	19.9	19.6	20.3	20.7
	6H	18.8	19.4	19.3	19.8	20.3	19.1	19.7	19.5	20.1	20.6
	8H	18.9	19.4	19.4	19.9	20.3	19.0	19.5	19.5	20.0	20.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.8 / - 0.8					+ 1.2 / - 1.8					
1.5H	+ 1.3 / - 1.3					+ 2.2 / - 3.1					
2.0H	+ 0.9 / - 1.6					+ 1.9 / - 3.3					

CIE Pub.117, 17882 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 10.0)
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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

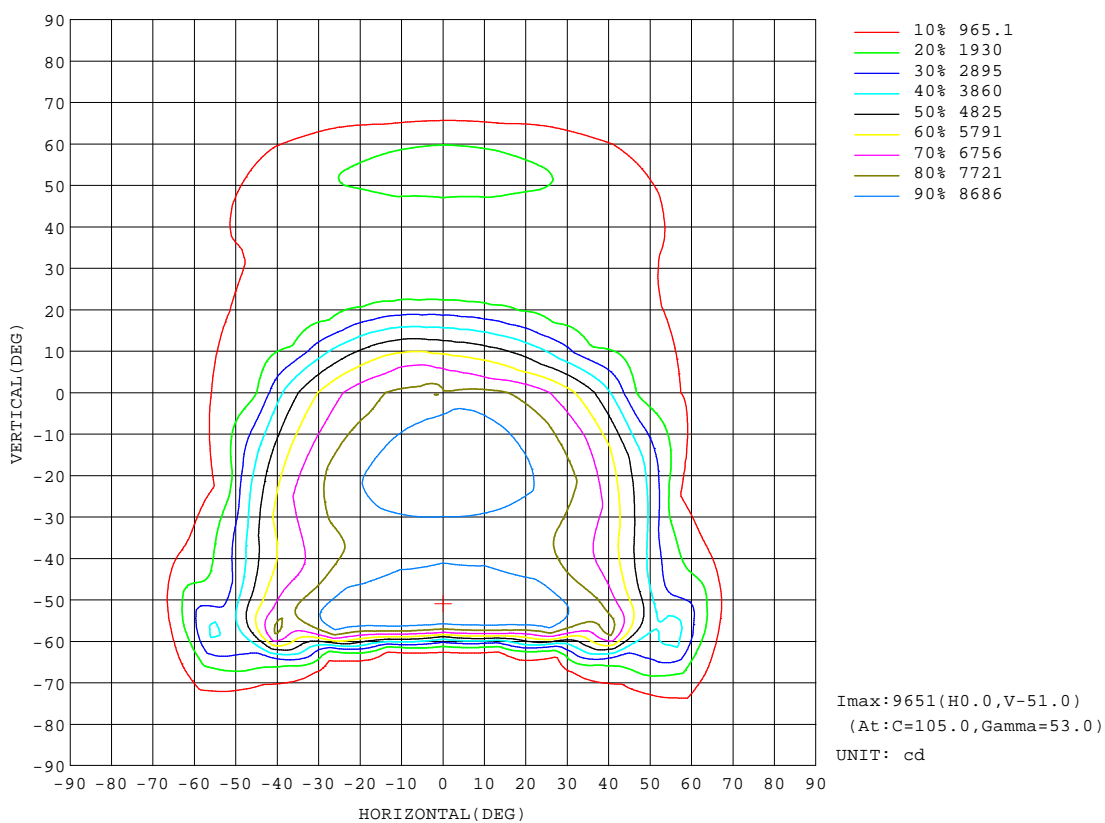
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	47	40	57	46	40	56	46	39	33
0.80	69	57	50	68	57	50	66	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	96	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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



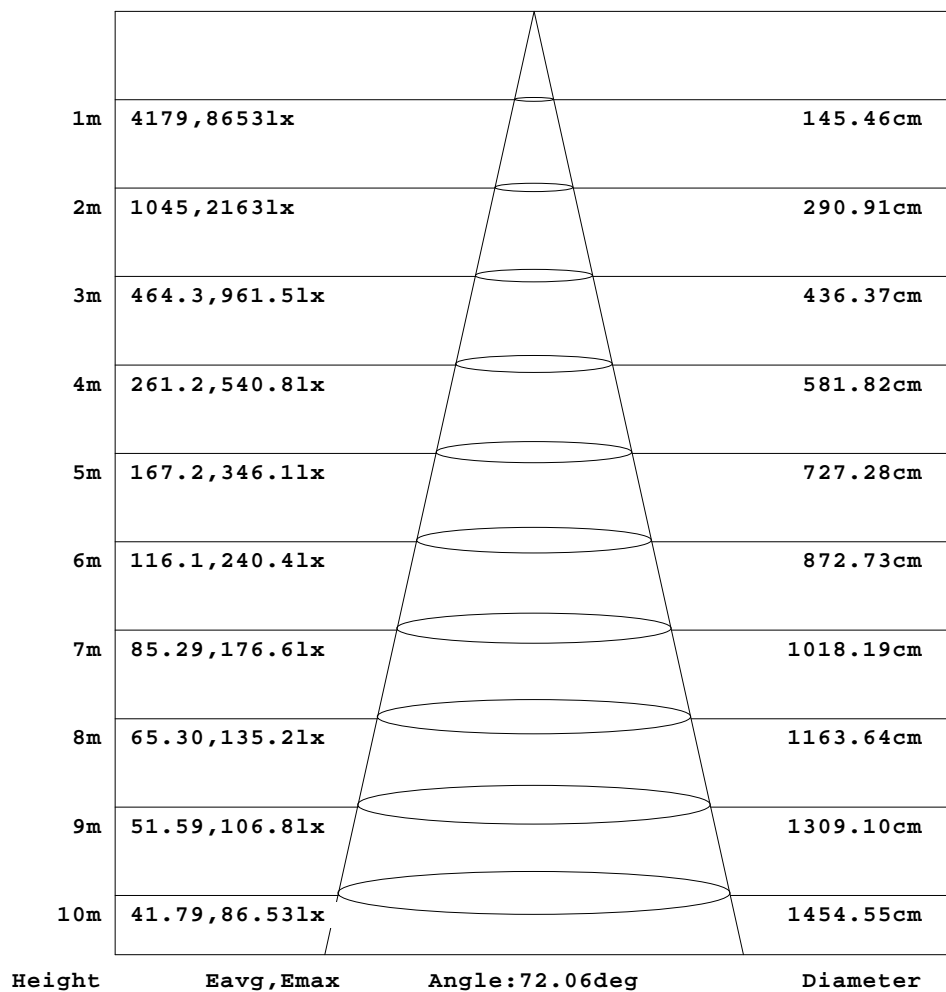
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:7455 lm



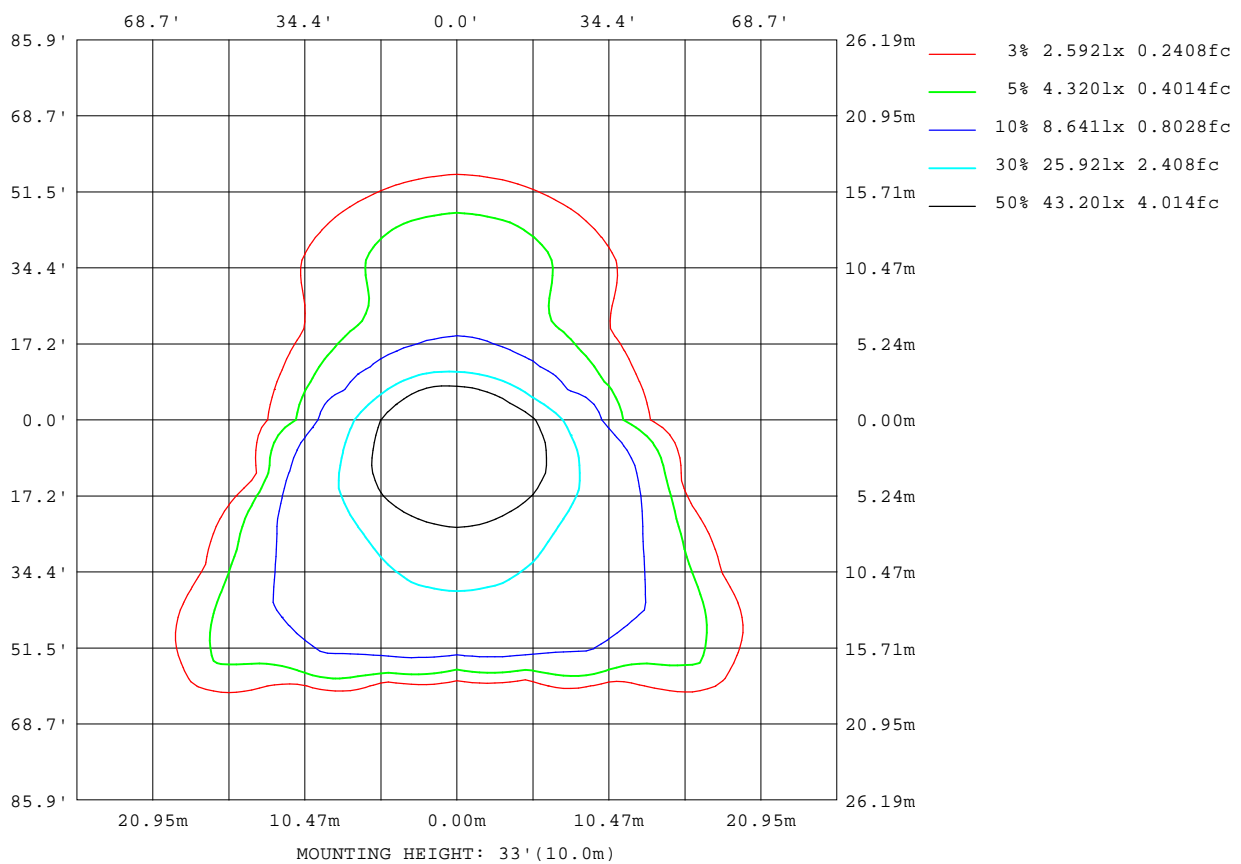
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

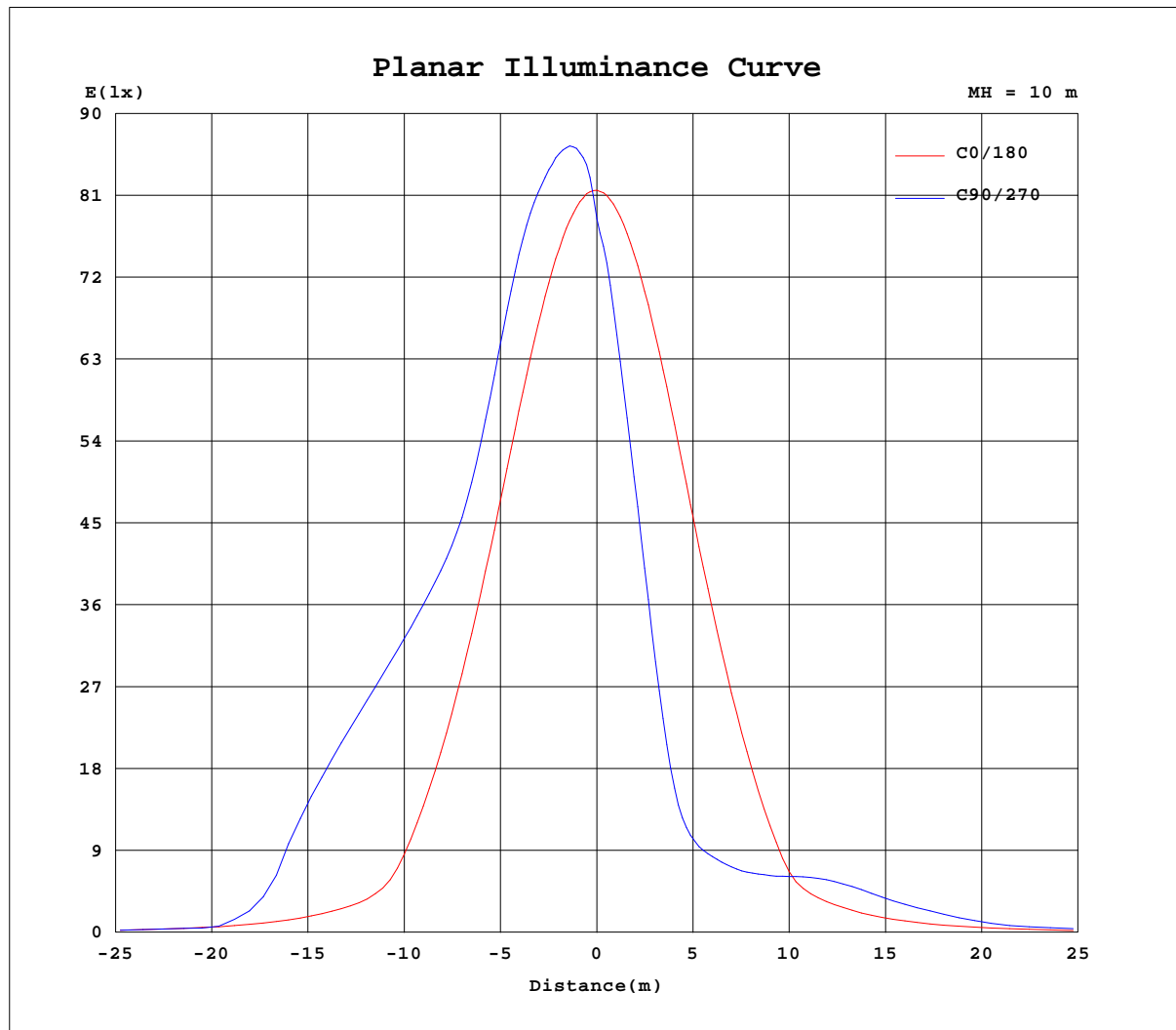
AvgL	cd/m2
L_0~180(65)av	4164
L_0~180(75)av	2957
L_0~180(85)av	1756
L_90~270(65)av	6045
L_90~270(75)av	4375
L_90~270(85)av	2419
L_45(65)av	34240
L_45(75)av	9358
L_45(85)av	3457

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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	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	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929
5	7897	8121	8251	8379	8510	8693	8758	8776	8717	8615	8390	8036	7873	7560	7359	7253	7142	7045	7015
10	7771	8137	8376	8594	8775	9015	9103	9130	9039	8885	8632	8213	7707	7144	6826	6383	6013	5731	5644
15	7538	8053	8393	8681	8921	9208	9310	9325	9197	8999	8657	8176	7438	6646	5974	5255	4690	4246	4106
20	7176	7870	8329	8698	9044	9359	9470	9500	9310	9013	8582	7933	7026	5951	4906	3969	3205	2688	2520
25	6656	7584	8185	8690	8968	9198	9284	9385	9323	8984	8398	7568	6440	5026	3661	2567	1889	1641	1567
30	5947	7179	7967	8519	8600	8733	8772	8937	9025	8874	8137	7057	5657	3871	2323	1607	1355	1316	1348
35	5026	6646	7687	8128	8128	8286	8392	8447	8529	8541	7789	6391	4658	2522	1534	1286	1185	1272	1328
40	3848	5955	7264	7634	7832	8429	8667	8507	8117	8005	7338	5549	3375	1598	1273	1140	1147	1365	1449
45	2370	5085	6655	7195	8059	8943	9245	9021	8191	7463	6708	4501	1847	1307	1122	1055	1322	1651	1763
50	1354	4024	5876	6907	8596	9500	9723	9638	8764	7000	5861	3177	1253	1098	991	1168	1651	2070	2212
55	1066	2736	4914	7120	9181	9436	9149	9718	9433	7063	4764	1381	983	899	946	1452	1914	2199	2308
60	813	992	3906	7540	8772	5000	3188	5533	9442	7589	3634	931	745	704	1006	1422	1673	1839	1924
65	595	762	3124	8117	2201	580	614	592	2739	8273	2768	727	539	572	873	1071	1213	1039	1033
70	414	589	3738	3718	548	443	411	443	637	4051	3556	554	364	432	642	645	628	688	731
75	267	392	3678	1108	256	215	191	216	268	1197	3383	344	226	277	347	385	455	507	539
80	154	220	1355	356	91.7	72.6	62.4	69.5	88.9	359	1145	193	119	144	207	255	308	327	336
85	62.7	125	341	49.8	17.7	15.0	12.1	13.1	15.0	41.2	237	80.6	36.0	57.9	85.2	135	145	127	124
90	5.75	2.69	3.24	3.65	3.74	3.83	4.04	4.46	4.70	4.40	3.98	3.43	1.61	2.58	9.75	23.4	27.5	20.4	21.6
95	3.99	3.31	3.84	4.53	4.93	5.17	5.41	5.75	5.79	5.34	4.77	4.27	2.11	3.52	5.00	6.43	7.21	7.42	7.05
100	5.58	4.07	4.55	5.39	6.02	6.44	6.72	7.03	6.95	6.33	5.66	5.23	2.92	4.86	6.17	7.45	8.26	8.92	9.43
105	7.77	4.97	5.28	6.19	7.05	7.68	8.05	8.28	8.00	7.24	6.53	6.35	4.03	6.58	7.65	8.67	9.16	9.67	10.4
110	10.5	6.34	5.94	6.76	7.69	8.56	9.03	9.15	8.71	7.90	7.32	7.82	5.47	8.71	9.54	10.3	10.5	10.8	11.5
115	13.7	8.36	6.70	7.05	7.86	8.75	9.28	9.38	8.92	8.28	8.26	9.75	7.13	11.1	12.1	12.0	12.4	12.5	13.2
120	17.1	11.1	8.07	7.48	7.83	8.53	9.02	9.17	8.95	8.87	9.73	12.3	8.87	13.6	15.3	14.1	14.6	14.7	15.4
125	20.7	14.4	10.3	8.65	8.19	8.40	8.79	9.11	9.44	10.13	11.9	15.4	10.6	16.3	19.0	17.4	16.7	17.4	17.4
130	24.3	18.1	13.5	10.8	9.53	9.12	9.32	9.88	10.8	12.2	14.8	18.8	12.5	19.0	22.9	22.3	20.0	20.2	20.8
135	27.6	22.2	17.3	13.9	12.0	11.0	11.0	11.8	13.1	15.1	18.3	22.1	14.7	21.2	26.6	28.1	25.4	24.9	25.6
140	30.7	26.1	21.7	18.1	15.5	14.1	14.0	14.8	16.6	19.0	22.2	25.4	17.2	23.1	29.7	33.4	32.8	31.5	31.0
145	33.4	29.8	26.1	22.9	20.4	18.6	18.3	19.2	21.2	23.5	26.0	28.4	19.9	25.2	31.7	37.7	39.1	38.8	37.7
150	35.5	32.9	30.3	27.8	25.8	24.2	23.8	24.6	26.3	27.9	29.6	31.1	22.8	27.7	33.6	40.5	43.9	45.3	44.7
155	37.3	35.6	33.9	32.3	31.0	30.0	29.8	30.2	31.1	32.0	32.7	33.3	25.9	30.9	36.2	42.3	46.4	48.9	49.2
160	38.7	37.7	36.9	36.2	35.7	35.5	35.3	35.5	35.7	35.7	35.5	35.6	29.3	34.5	39.3	44.5	47.8	50.2	50.5
165	39.7	39.5	39.5	39.6	39.8	40.1	40.0	39.9	39.6	38.9	38.0	37.5	33.0	38.0	42.2	46.6	49.3	51.4	51.6
170	40.1	40.8	41.5	42.4	43.3	44.1	44.1	43.8	43.0	41.6	40.2	39.1	35.9	40.3	43.7	47.3	49.5	51.3	51.5
175	40.0	41.5	43.0	44.5	45.8	47.1	47.1	46.5	45.2	43.3	41.4	39.6	37.8	41.3	43.9	46.9	48.8	50.3	50.3
180	39.2	41.7	43.9	45.9	47.6	49.0	48.9	48.3	46.7	44.6	42.2	39.4	39.2	41.7	43.4	45.9	47.6	49.0	48.9

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:120.21V I:0.8745A P:105.12W PF:0.9934 Freq:59.98Hz Lamp Flux:17882x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345													
0	7929	7929	7929	7929	7929													
5	7027	7131	7281	7501	7707													
10	5678	5917	6261	6766	7281													
15	4171	4543	5085	5836	6685													
20	2626	3030	3741	4758	5904													
25	1629	1820	2377	3491	4932													
30	1354	1376	1599	2222	3774													
35	1320	1257	1316	1571	2472													
40	1418	1247	1186	1333	1674													
45	1704	1449	1131	1189	1400													
50	2133	1784	1296	1069	1204													
55	2271	2046	1604	1066	1026													
60	1909	1804	1609	1141	827													
65	1099	1308	1201	1030	677													
70	714	678	743	763	531													
75	528	495	434	436	365													
80	345	336	292	250	205													
85	135	161	163	122	92.6													
90	25.3	36.4	39.2	31.7	15.5													
95	7.91	8.52	7.67	5.91	3.43													
100	10.19	9.98	8.57	6.64	4.23													
105	11.3	10.9	9.41	7.55	5.24													
110	12.5	12.1	10.6	8.77	6.48													
115	14.1	13.6	12.2	10.28	7.82													
120	16.0	15.7	14.5	11.5	9.21													
125	18.2	19.2	16.8	13.0	10.7													
130	22.9	23.1	18.8	15.2	12.4													
135	26.9	25.3	21.6	18.5	13.8													
140	31.0	29.7	27.2	21.8	15.4													
145	37.4	36.1	32.3	24.8	17.6													
150	44.1	41.8	36.3	28.0	21.0													
155	48.3	45.0	39.2	31.9	25.3													
160	49.7	46.7	42.2	36.3	30.1													
165	50.8	48.4	45.0	40.3	34.8													
170	50.8	48.8	46.2	42.4	37.8													
175	49.7	48.0	45.6	42.7	39.0													
180	48.3	46.8	44.6	42.2	39.4													

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: