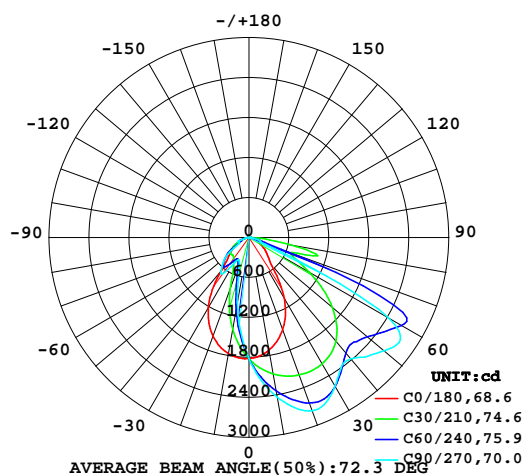


LUMINAIRE PHOTOMETRIC TEST REPORT

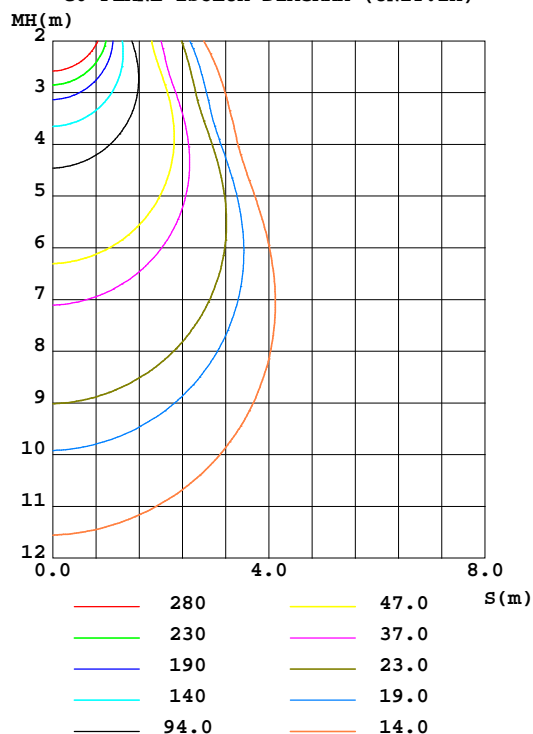
Test:U:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 164.42 lm/W			
MODEL		I _{max} (cd)	2791	S/MH(C0/180)	1.05
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	4974.8	h UP,DN(C0-180)	0.2,79.9
NOMINAL FLUX(lm)	4974.76	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,19.6
LAMPS INSIDE	1	h up(%)	0.6	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120	h down(%)	99.4	CIBSE SHR MAX	1.05

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:2024-06-20

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:

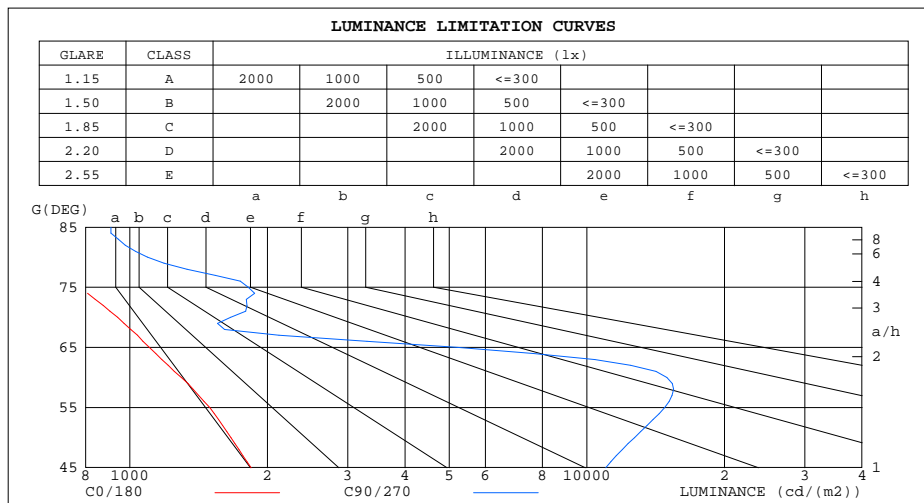
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1720	2226	2429	2257	1772	1236	1004	1209	0- 10	169.4	169.4	3.41,3.41
20	1477	2472	2766	2527	1579	596.1	429.2	586.9	10- 20	462.2	631.7	12.7,12.7
30	1066	2513	2582	2604	1222	390.0	449.8	385.1	20- 30	678.1	1310	26.3,26.3
40	514.2	2249	2381	2340	646.0	440.2	655.0	474.5	30- 40	823.2	2133	42.9,42.9
50	335.6	1929	2648	1996	371.3	453.3	463.0	477.8	40- 50	907.0	3040	61.1,61.1
60	203.2	1997	2426	2091	227.2	260.2	177.0	269.0	50- 60	922.2	3962	79.6,79.6
70	100.8	2235	184.0	2294	116.2	105.7	182.3	112.0	60- 70	674.9	4637	93.2,93.2
80	33.83	276.7	61.45	260.5	41.53	42.46	26.50	46.44	70- 80	262.1	4899	98.5,98.5
90	0.9712	7.397	5.138	6.642	0.6884	1.738	1.859	2.110	80- 90	47.70	4947	99.4,99.4
100	1.749	1.270	1.185	1.435	0.7220	2.354	2.968	2.568	90-100	1.847	4949	99.5,99.5
110	3.061	1.828	1.802	2.024	1.231	3.391	3.724	3.288	100-110	2.234	4951	99.5,99.5
120	4.655	2.307	2.601	2.520	1.999	4.929	4.948	4.586	110-120	2.965	4954	99.6,99.6
130	6.306	2.750	2.864	3.000	2.929	7.862	7.332	5.677	120-130	3.675	4958	99.7,99.7
140	7.843	3.842	3.132	4.087	4.139	10.33	10.25	8.337	130-140	4.269	4962	99.7,99.7
150	8.991	5.950	4.730	6.193	5.583	11.11	13.32	9.991	140-150	4.552	4966	99.8,99.8
160	9.677	8.562	7.851	8.690	7.130	12.23	13.87	11.46	150-160	4.152	4971	99.9,99.9
170	9.859	10.85	11.30	10.83	8.567	12.89	14.44	12.48	160-170	3.031	4974	100,100
180	9.449	12.27	13.48	11.91	9.449	12.28	13.47	11.90	170-180	1.113	4975	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:2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



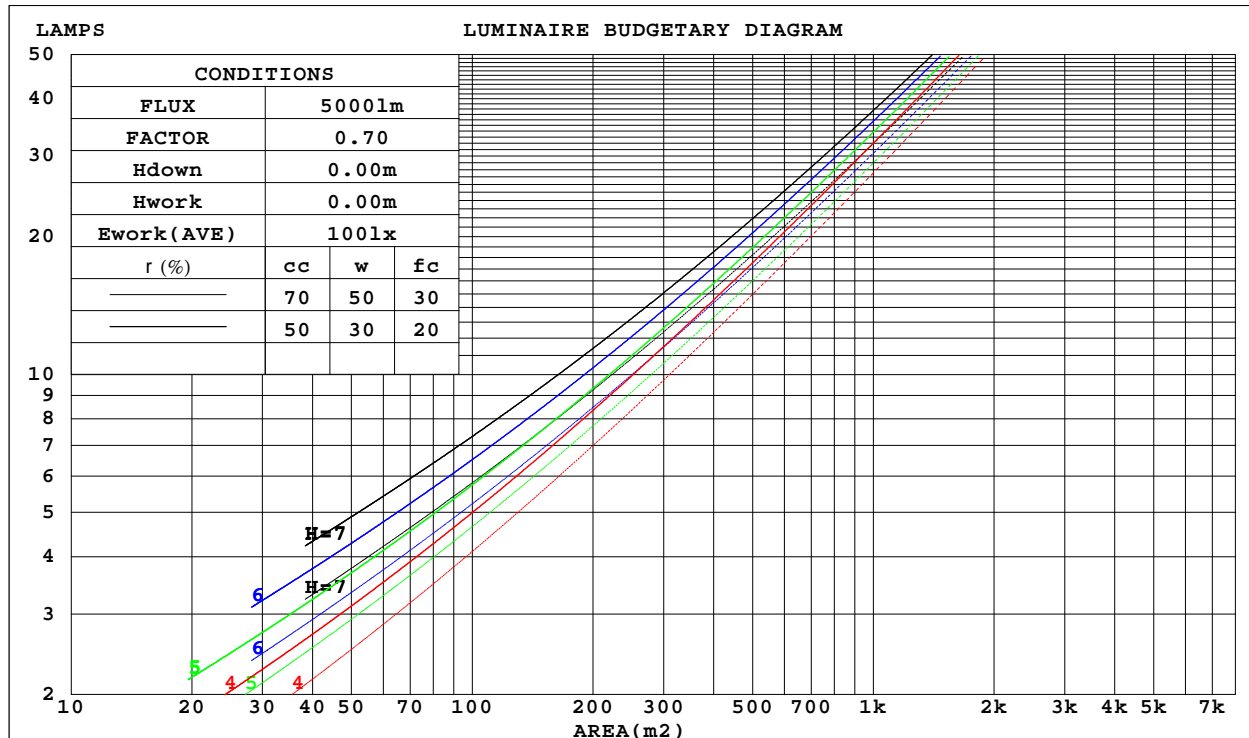
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)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	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.68	.63	.72	.67	.62	.69	.65	.61	.59
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.54	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.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	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)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	.297	.169	.054	.290	.166	.053	.277	.159	.051	.264	.152	.049	.253	.147	.047	
2.0	.286	.157	.048	.280	.154	.047	.268	.149	.046	.257	.144	.045	.246	.139	.044	
3.0	.267	.142	.043	.262	.140	.042	.251	.136	.041	.241	.132	.041	.232	.129	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.230	.117	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.202	.108	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.148	.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	.195	.195	.195	.166	.166	.166	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.184	.161	.140	.157	.138	.120	.108	.095	.083	.062	.055	.048	.020	.018	.016	
2.0	.176	.136	.103	.151	.117	.089	.103	.081	.062	.059	.047	.036	.019	.015	.012	
3.0	.168	.119	.079	.144	.102	.069	.099	.071	.048	.057	.042	.028	.018	.013	.009	
4.0	.161	.105	.063	.138	.091	.055	.095	.063	.038	.055	.037	.023	.018	.012	.007	
5.0	.154	.095	.052	.132	.082	.045	.091	.057	.032	.053	.034	.019	.017	.011	.006	
6.0	.147	.087	.043	.126	.075	.038	.087	.053	.027	.050	.031	.016	.016	.010	.005	
7.0	.140	.080	.038	.120	.069	.033	.083	.048	.023	.048	.029	.014	.016	.009	.005	
8.0	.134	.074	.033	.115	.064	.029	.080	.045	.020	.046	.027	.012	.015	.009	.004	
9.0	.128	.069	.030	.110	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.122	.065	.027	.105	.056	.023	.073	.040	.017	.043	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm											
NAME: XWPD(30/45/63)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	12.9	14.5	13.2	14.7	14.9	20.1	21.6	20.4	21.9	22.1	
	3H	13.1	14.5	13.4	14.7	15.0	20.2	21.6	20.5	21.8	22.1
	4H	13.1	14.4	13.4	14.7	14.9	20.1	21.4	20.4	21.7	22.0
	6H	13.0	14.3	13.3	14.5	14.8	20.0	21.2	20.3	21.5	21.8
	8H	13.0	14.2	13.3	14.5	14.8	19.9	21.2	20.3	21.4	21.8
	12H	12.9	14.1	13.3	14.4	14.7	19.9	21.1	20.3	21.4	21.7
4H	2H	17.0	18.4	17.4	18.6	18.9	20.9	22.2	21.2	22.5	22.8
	3H	18.0	19.1	18.3	19.4	19.7	21.2	22.3	21.5	22.7	23.0
	4H	18.5	19.5	18.8	19.8	20.2	21.1	22.2	21.5	22.5	22.8
	6H	18.5	19.5	18.9	19.8	20.2	21.0	22.0	21.5	22.3	22.7
	8H	18.5	19.3	18.9	19.7	20.1	21.0	21.9	21.4	22.2	22.6
	12H	18.4	19.2	18.9	19.6	20.0	21.0	21.8	21.4	22.2	22.6
8H	4H	19.4	20.3	19.9	20.7	21.1	21.4	22.3	21.8	22.7	23.1
	6H	20.0	20.7	20.4	21.1	21.5	21.4	22.1	21.8	22.5	22.9
	8H	20.1	20.7	20.5	21.1	21.6	21.3	22.0	21.8	22.4	22.9
	12H	20.1	20.6	20.5	21.1	21.5	21.3	21.8	21.8	22.3	22.8
12H	4H	19.4	20.2	19.8	20.6	21.0	21.4	22.2	21.9	22.6	23.0
	6H	20.0	20.6	20.5	21.1	21.5	21.4	22.0	21.9	22.5	22.9
	8H	20.2	20.7	20.6	21.1	21.6	21.4	21.9	21.9	22.4	22.9
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.3 / - 0.3					+ 0.4 / - 0.5					
1.5H	+ 0.5 / - 0.5					+ 1.1 / - 1.4					
2.0H	+ 1.0 / - 1.8					+ 2.2 / - 3.4					

CIE Pub.117, 4975 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.6)
Area: 0.3224 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

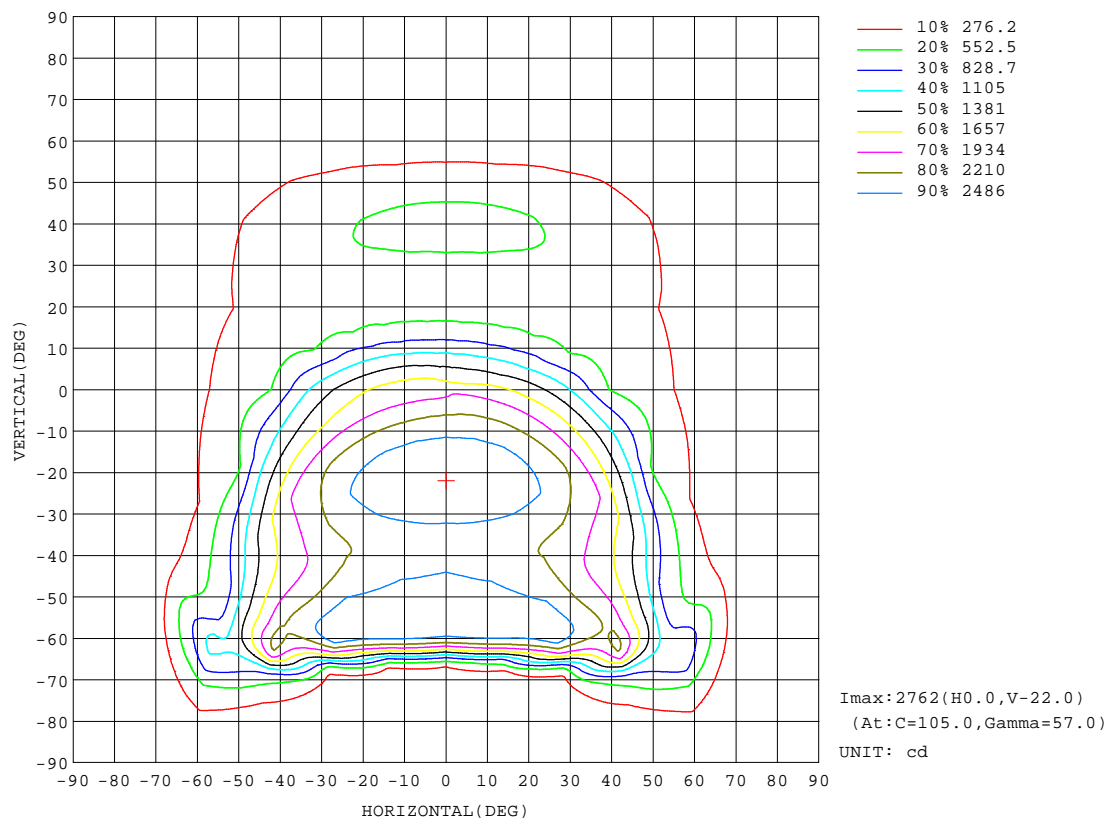
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	44	37	30
0.80	67	55	47	65	54	47	64	53	47	40
1.00	75	64	57	74	64	56	72	65	56	49
1.25	83	72	65	81	71	65	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	87	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	102	99	96	86
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:2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



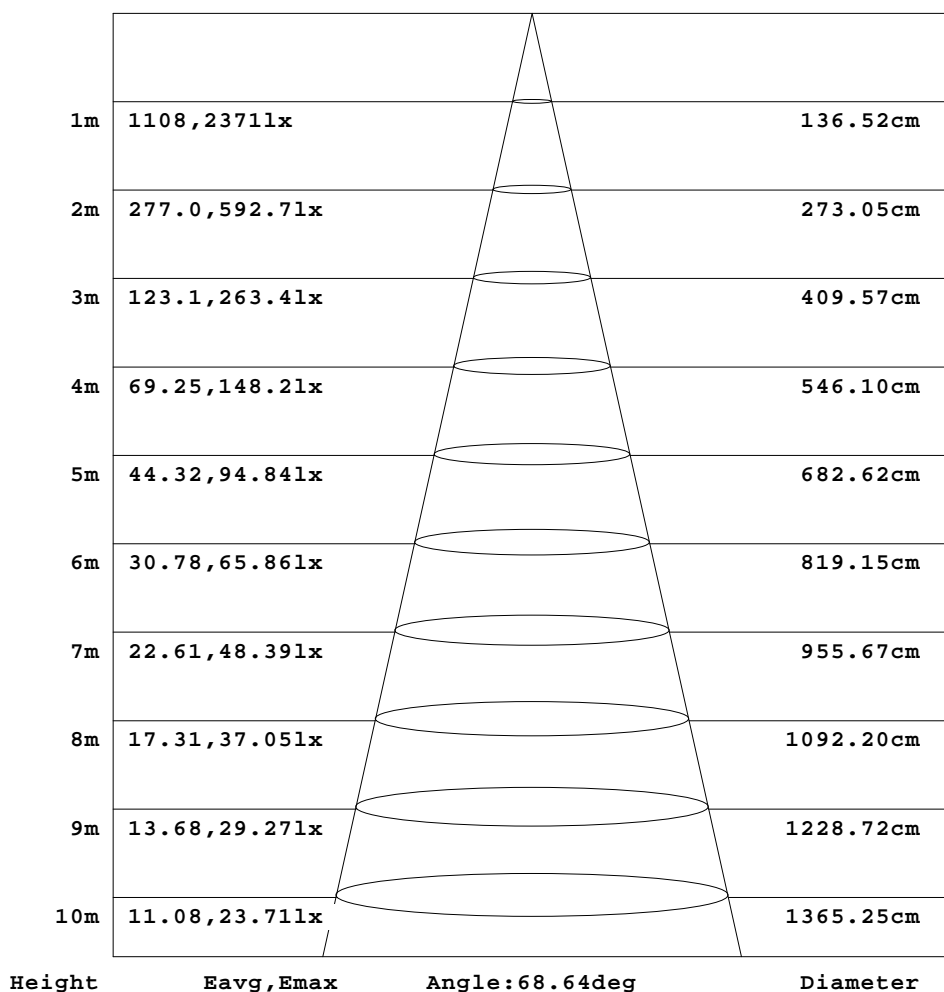
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:1707 lm



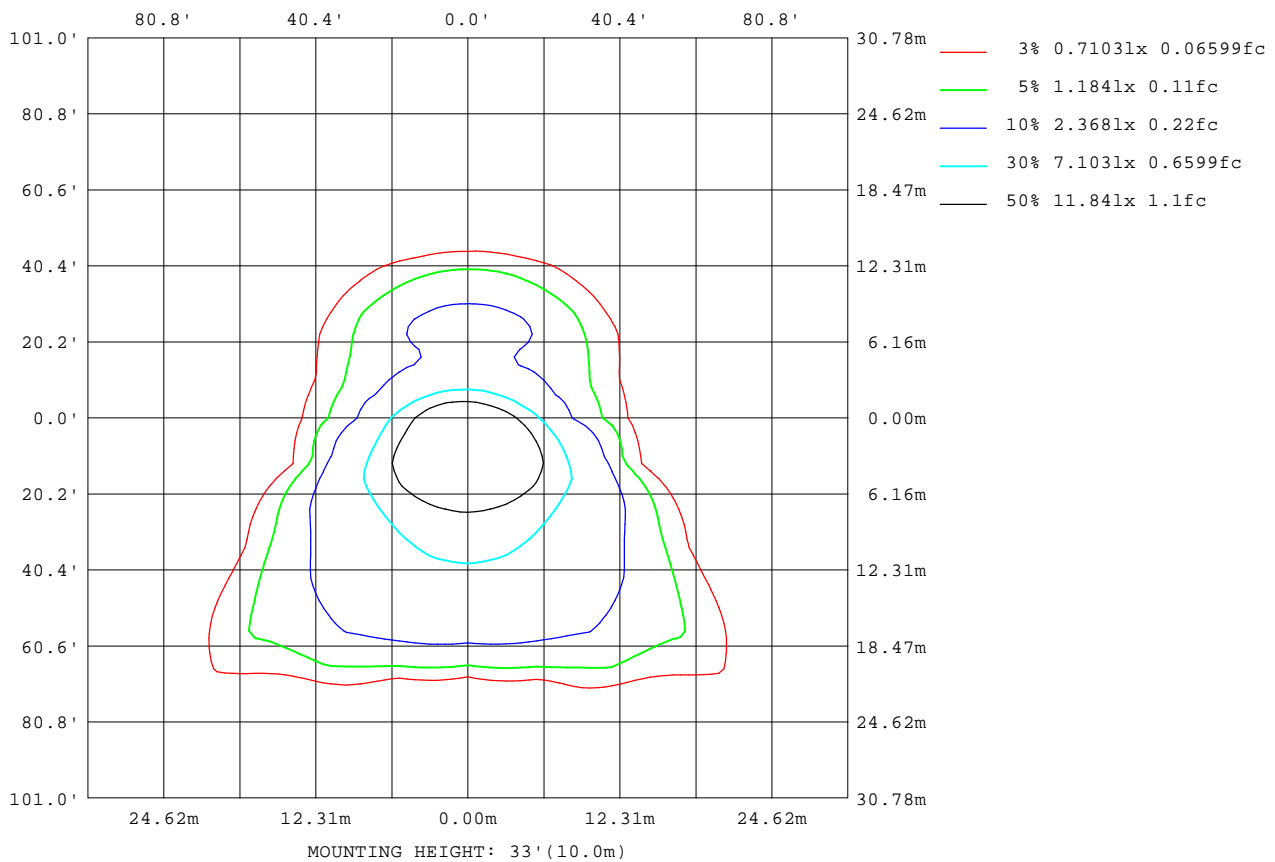
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Richard
 Test Date: 2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)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: 2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

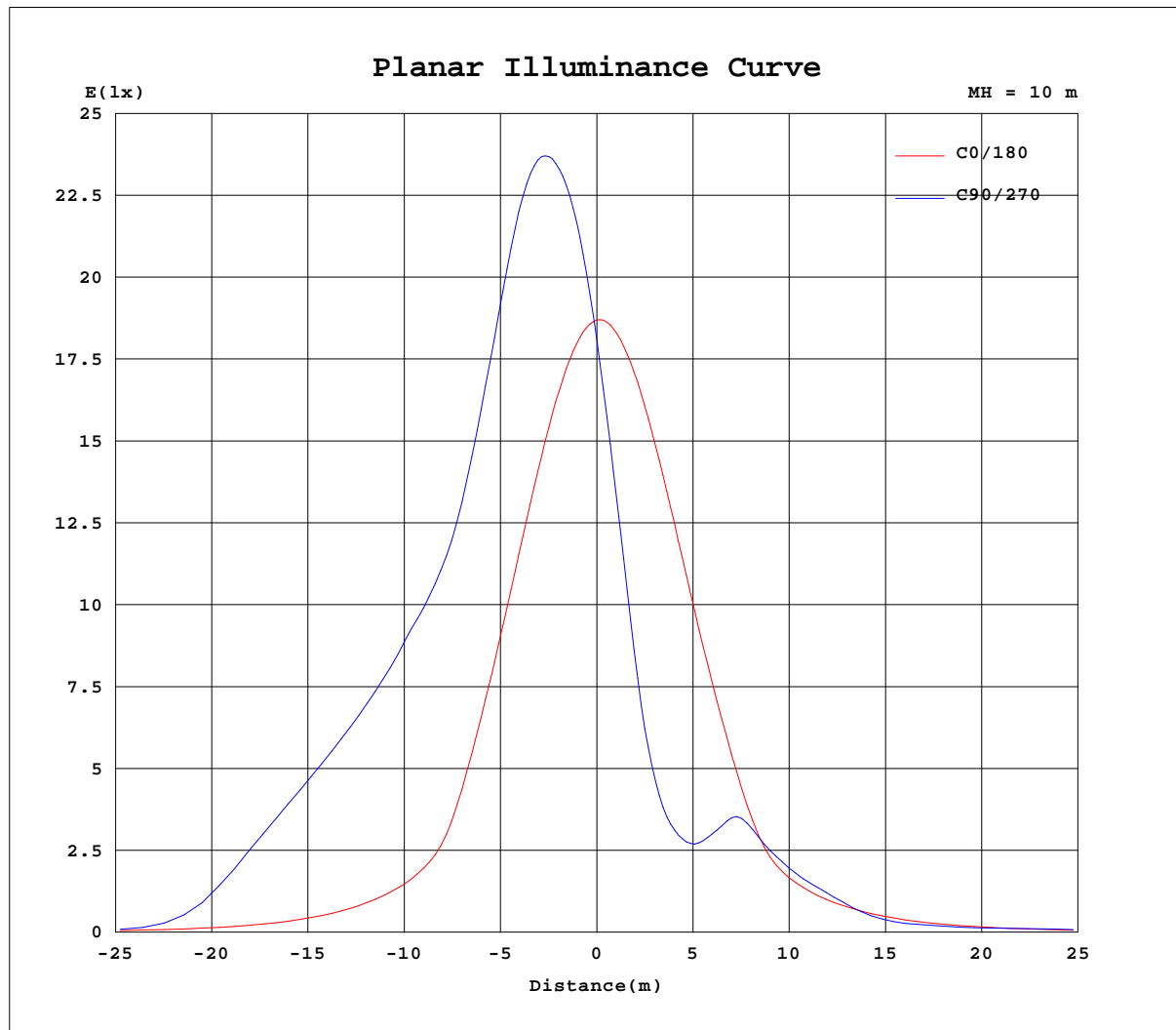
AvgL	cd/m2
L_0~180(65)av	1145
L_0~180(75)av	819
L_0~180(85)av	506
L_90~270(65)av	3231
L_90~270(75)av	1318
L_90~270(85)av	483
L_45(65)av	8561
L_45(75)av	5120
L_45(85)av	1545

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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: 2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm																	
NAME: XWPD(30/45/63)W(30/40/50)W									TYPE:						WEIGHT:		
SPEC.: 5000K									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	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818
5	1787	1880	1968	2046	2105	2146	2156	2148	2115	2060	1985	1895	1812	1721	1634	1547	1485	1444	1430
10	1720	1907	2077	2226	2334	2410	2429	2416	2357	2257	2114	1935	1772	1586	1407	1236	1112	1026	1004
15	1618	1900	2152	2365	2516	2620	2643	2630	2547	2410	2201	1940	1693	1415	1137	885	727	647	629
20	1477	1857	2196	2472	2642	2745	2766	2763	2689	2527	2255	1905	1579	1201	830	596	506	445	429
25	1296	1779	2211	2526	2674	2735	2734	2761	2732	2599	2282	1833	1423	937	576	468	390	375	374
30	1066	1659	2192	2513	2584	2599	2582	2624	2645	2604	2276	1718	1222	654	462	390	371	425	450
35	775	1495	2135	2412	2426	2422	2403	2443	2484	2506	2228	1559	963	491	402	368	467	591	640
40	514	1284	2032	2249	2266	2339	2381	2359	2319	2340	2130	1351	646	411	367	440	580	650	655
45	409	1027	1862	2064	2226	2455	2522	2482	2278	2146	1959	1089	460	355	367	479	548	560	560
50	336	688	1633	1929	2321	2574	2648	2612	2384	1996	1721	731	371	308	368	453	455	464	463
55	269	387	1358	1893	2470	2709	2748	2762	2551	1970	1434	420	298	258	339	359	356	283	271
60	203	305	1048	1997	2642	2605	2426	2657	2738	2091	1114	333	227	210	273	260	183	172	177
65	146	229	786	2141	2392	1188	715	1136	2415	2245	852	255	166	169	209	137	137	157	166
70	101	167	666	2235	519	179	184	180	448	2294	773	188	116	119	109	106	135	175	182
75	62.8	109	1069	776	166	156	152	157	164	735	1225	120	73.9	76.8	73.4	95.4	75.9	69.4	67.8
80	33.8	55.7	601	277	80.3	67.9	61.4	66.1	76.6	260	612	58.5	41.5	40.5	49.2	42.5	35.1	27.8	26.5
85	11.9	29.7	203	79.9	32.3	28.0	25.7	27.0	30.5	71.0	205	39.5	16.5	17.5	14.3	10.1	4.13	1.83	1.47
90	0.97	0.82	16.4	7.40	5.90	5.75	5.14	5.44	5.33	6.64	11.8	0.94	0.69	0.74	1.20	1.74	2.11	2.09	1.86
95	1.31	0.99	0.99	1.01	0.89	0.87	0.85	1.02	1.13	1.19	1.16	1.14	0.58	0.98	1.49	2.04	2.40	2.56	2.64
100	1.75	1.22	1.22	1.27	1.19	1.16	1.18	1.28	1.37	1.43	1.39	1.40	0.72	1.35	1.86	2.35	2.65	2.80	2.97
105	2.35	1.48	1.45	1.54	1.47	1.44	1.46	1.58	1.67	1.72	1.66	1.67	0.92	1.83	2.34	2.84	3.02	3.11	3.29
110	3.06	1.81	1.71	1.83	1.84	1.81	1.80	1.93	2.02	2.02	1.93	2.00	1.23	2.39	3.02	3.39	3.57	3.57	3.72
115	3.83	2.27	1.98	2.10	2.18	2.24	2.27	2.33	2.37	2.29	2.20	2.39	1.60	3.00	3.87	4.02	4.27	4.23	4.34
120	4.65	2.88	2.23	2.31	2.42	2.53	2.60	2.62	2.61	2.52	2.49	2.87	2.00	3.64	4.88	4.93	4.96	4.99	4.95
125	5.48	3.62	2.62	2.49	2.57	2.68	2.73	2.77	2.77	2.72	2.86	3.50	2.42	4.27	5.96	6.26	5.88	5.91	5.90
130	6.31	4.47	3.17	2.75	2.71	2.79	2.86	2.90	2.91	3.00	3.37	4.24	2.93	4.79	6.98	7.86	7.30	7.23	7.33
135	7.11	5.36	3.91	3.18	2.93	2.90	2.95	2.99	3.16	3.43	4.02	5.03	3.51	5.24	7.74	9.29	9.27	8.81	8.68
140	7.84	6.29	4.79	3.84	3.37	3.15	3.13	3.26	3.61	4.09	4.86	5.87	4.14	5.78	8.22	10.3	11.0	10.7	10.3
145	8.47	7.20	5.81	4.78	4.11	3.77	3.73	3.93	4.39	5.04	5.85	6.73	4.83	6.41	8.51	10.9	12.2	12.4	12.1
150	8.99	8.03	6.91	5.95	5.22	4.80	4.73	4.97	5.51	6.19	6.88	7.50	5.58	7.09	8.98	11.1	12.7	13.4	13.3
155	9.39	8.75	7.98	7.22	6.62	6.22	6.13	6.39	6.92	7.44	7.88	8.21	6.35	7.86	9.67	11.6	12.9	13.6	13.6
160	9.68	9.35	8.97	8.56	8.19	7.89	7.85	8.05	8.44	8.69	8.84	8.89	7.13	8.66	10.5	12.2	13.3	14.0	13.9
165	9.83	9.80	9.80	9.79	9.70	9.62	9.65	9.73	9.86	9.83	9.65	9.43	7.92	9.42	11.1	12.8	13.8	14.4	14.3
170	9.86	10.1	10.5	10.9	11.1	11.2	11.3	11.3	11.1	10.8	10.3	9.88	8.57	9.92	11.5	12.9	13.9	14.5	14.4
175	9.71	10.3	11.0	11.7	12.2	12.5	12.6	12.5	12.1	11.5	10.7	10.02	9.07	10.2	11.5	12.7	13.6	14.1	14.1
180	9.45	10.3	11.3	12.3	13.0	13.5	13.5	13.2	12.7	11.9	11.0	10.02	9.45	10.3	11.3	12.3	13.0	13.5	13.5

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.12V I:0.2549A P:30.257W PF:0.9883 Freq:59.98Hz Lamp Flux:4974.76x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345													
0	1818	1818	1818	1818	1818													
5	1434	1477	1533	1612	1703													
10	1016	1096	1209	1368	1548													
15	643	718	851	1080	1356													
20	440	497	587	769	1116													
25	376	391	460	557	836													
30	432	383	385	463	593													
35	605	489	385	410	477													
40	660	609	475	384	410													
45	570	573	510	401	361													
50	474	472	478	405	321													
55	291	367	374	365	274													
60	175	190	269	291	229													
65	159	142	143	219	185													
70	176	140	112	113	129													
75	71.3	81.3	103	79.1	79.5													
80	29.3	37.9	46.4	52.1	42.9													
85	1.98	5.56	12.7	16.3	18.4													
90	2.11	2.37	2.11	1.65	0.93													
95	2.86	2.82	2.37	1.80	1.06													
100	3.22	3.07	2.57	2.01	1.28													
105	3.56	3.35	2.87	2.29	1.56													
110	3.99	3.76	3.29	2.66	1.89													
115	4.52	4.30	3.88	3.04	2.24													
120	5.09	5.21	4.59	3.37	2.60													
125	6.36	6.42	5.12	3.88	3.03													
130	7.69	7.14	5.68	4.65	3.40													
135	8.65	7.97	6.98	5.49	3.78													
140	10.11	9.54	8.34	6.20	4.17													
145	11.8	11.0	9.36	6.81	4.78													
150	13.0	11.9	9.99	7.58	5.64													
155	13.3	12.2	10.6	8.60	6.73													
160	13.5	12.7	11.5	9.76	7.96													
165	14.0	13.2	12.2	10.8	9.06													
170	14.1	13.4	12.5	11.2	9.74													
175	13.8	13.1	12.3	11.2	9.98													
180	13.3	12.7	11.9	11.0	10.03													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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: