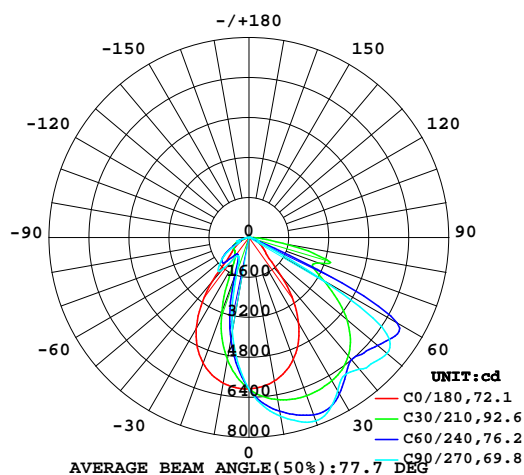


LUMINAIRE PHOTOMETRIC TEST REPORT

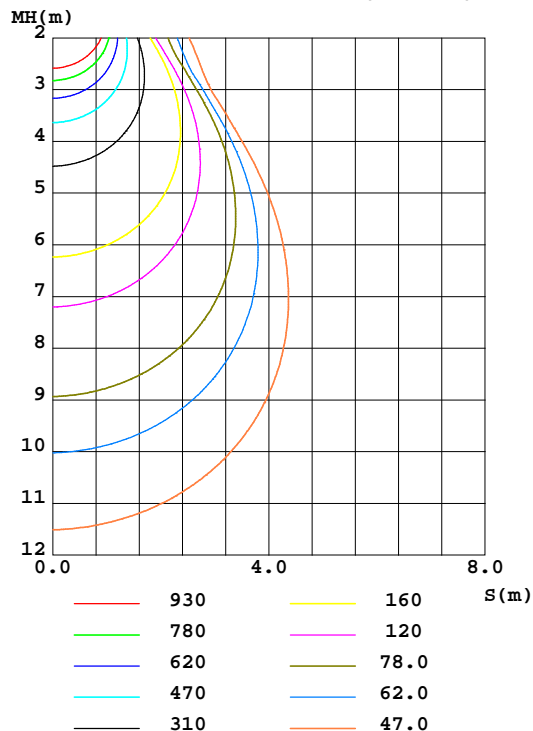
Test:U:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 154.33 lm/W			
MODEL		I _{max} (cd)	7843	S/MH(C0/180)	1.07
NOMINAL POWER(W)	90	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	13984	h UP,DN(C0-180)	0.2,78.8
NOMINAL FLUX(lm)	13984.3	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,20.6
LAMPS INSIDE	1	h up(%)	0.6	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120	h down(%)	99.4	CIBSE SHR MAX	1.00

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: 2024-06-20

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:

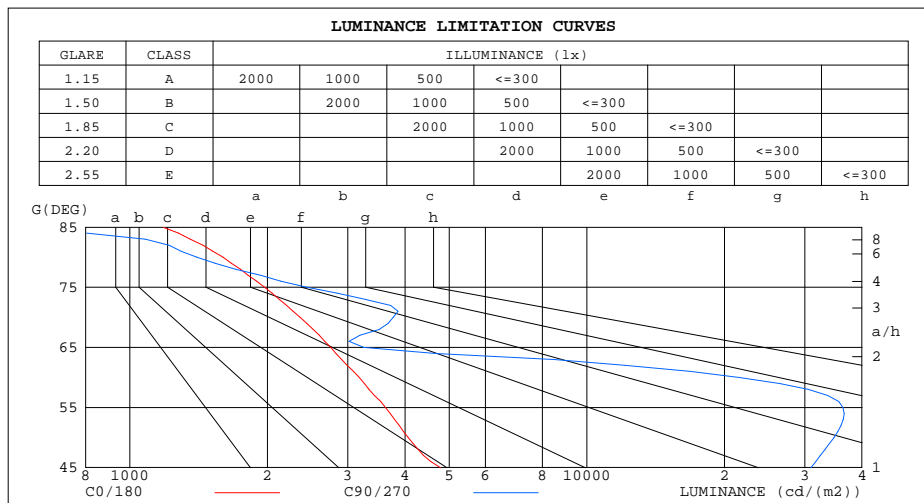
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	5833	6870	7256	6998	5917	4515	3845	4372	0- 10	560.9	560.9	4.01,4.01
20	5192	7228	7806	7446	5361	2309	1354	2125	10- 20	1488	2049	14.7,14.7
30	3979	7222	7105	7483	4226	1009	863.2	1011	20- 30	2045	4094	29.3,29.3
40	2023	6429	6878	6701	2283	793.6	1680	824.9	30- 40	2344	6438	46,46
50	821.1	5763	7211	6079	883.4	1087	1464	1159	40- 50	2631	9069	64.9,64.9
60	498.8	6188	3484	6640	540.4	887.3	631.5	875.0	50- 60	2609	11678	83.5,83.5
70	253.3	4618	417.0	4631	276.8	315.1	516.3	310.5	60- 70	1518	13196	94.4,94.4
80	87.21	274.6	78.62	258.0	94.71	162.0	125.1	153.2	70- 80	608.5	13805	98.7,98.7
90	2.582	2.389	2.103	2.661	1.220	4.528	2.673	5.500	80- 90	101.3	13906	99.4,99.4
100	4.884	3.586	3.576	3.806	2.116	6.227	7.109	7.312	90-100	4.269	13910	99.5,99.5
110	9.027	4.900	5.660	5.234	4.012	8.716	9.124	9.233	100-110	6.066	13916	99.5,99.5
120	14.22	5.703	6.767	6.214	6.607	11.99	12.31	13.05	110-120	7.956	13924	99.6,99.6
130	19.59	7.440	6.875	7.995	9.445	19.24	17.16	16.58	120-130	9.826	13934	99.6,99.6
140	24.39	12.19	9.003	12.44	13.07	27.84	24.93	23.39	130-140	11.79	13946	99.7,99.7
150	27.95	19.75	15.71	19.76	17.46	32.54	35.27	30.11	140-150	13.30	13959	99.8,99.8
160	30.11	27.50	25.84	27.01	22.22	36.00	39.69	34.41	150-160	12.66	13972	99.9,99.9
170	30.79	33.34	34.45	32.45	26.93	38.13	41.20	36.99	160-170	9.187	13981	100,100
180	29.63	36.74	39.11	35.32	29.78	36.67	39.17	35.29	170-180	3.332	13984	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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1184	644
80	1600	1401
75	1971	2441
70	2360	3773
65	2751	3252
60	3178	21562
55	3629	36318
50	4070	34719
45	4788	30942

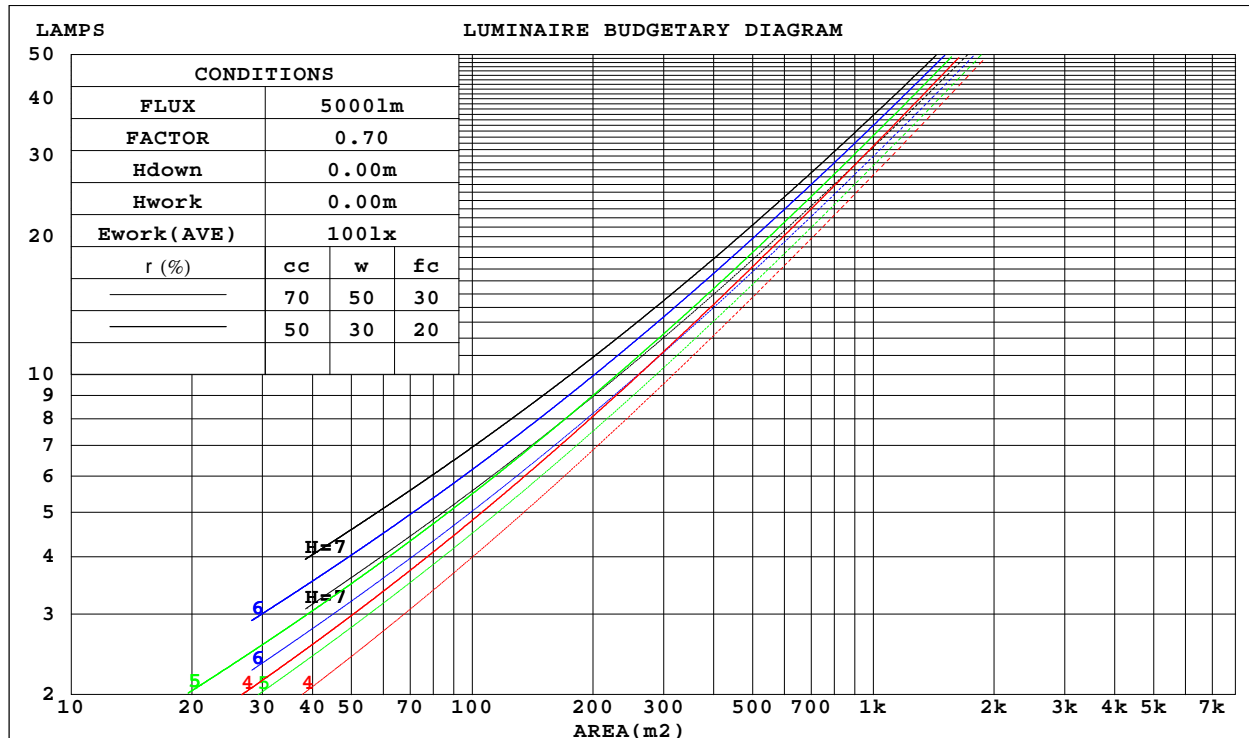
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)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	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.78	.83	.79	.76	.80	.77	.74	.72
3.0	.81	.74	.67	.80	.73	.67	.77	.71	.65	.74	.69	.64	.71	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.59	.54	.52
5.0	.65	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.48	.42	.37	.35
8.0	.48	.40	.34	.47	.40	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.37	.32	.27	.26



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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)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	.282	.161	.051	.275	.157	.050	.262	.150	.048	.249	.144	.046	.238	.138	.044															
2.0	.273	.149	.046	.266	.147	.045	.255	.142	.044	.244	.137	.043	.234	.132	.042															
3.0	.256	.136	.041	.251	.134	.040	.240	.130	.040	.231	.126	.039	.222	.123	.038															
4.0	.239	.124	.037	.234	.123	.036	.225	.119	.036	.216	.116	.035	.208	.113	.034															
5.0	.223	.114	.033	.218	.112	.033	.210	.109	.032	.202	.107	.032	.195	.104	.031															
6.0	.208	.104	.030	.204	.103	.030	.196	.101	.029	.189	.098	.029	.183	.096	.029															
7.0	.194	.096	.027	.191	.095	.027	.184	.093	.027	.178	.091	.027	.172	.089	.026															
8.0	.182	.089	.025	.179	.088	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024															
9.0	.171	.083	.023	.168	.082	.023	.162	.080	.023	.157	.079	.023	.153	.078	.022															
10.0	.161	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.144	.073	.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	.090	.102	.081	.063	.059	.047	.037	.019	.015	.012	
3.0	.166	.119	.081	.143	.102	.070	.098	.071	.049	.057	.041	.029	.018	.013	.009	
4.0	.159	.105	.064	.136	.091	.056	.094	.063	.039	.054	.037	.023	.017	.012	.008	
5.0	.152	.095	.053	.130	.082	.046	.090	.057	.032	.052	.034	.019	.017	.011	.006	
6.0	.145	.086	.044	.124	.075	.039	.086	.052	.027	.050	.031	.016	.016	.010	.005	
7.0	.138	.079	.038	.119	.069	.033	.082	.048	.024	.048	.028	.014	.015	.009	.005	
8.0	.132	.074	.034	.113	.064	.029	.078	.045	.021	.046	.026	.012	.015	.009	.004	
9.0	.126	.069	.030	.108	.060	.026	.075	.042	.019	.044	.025	.011	.014	.008	.004	
10.0	.120	.064	.027	.104	.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:2024-06-20

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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm											
NAME: XWPD(45/63/90)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	13.7	15.2	14.0	15.4	15.6	18.5	20.0	18.8	20.2	20.4	
	3H	13.9	15.2	14.2	15.5	15.7	18.3	19.7	18.6	19.9	20.2
	4H	13.8	15.1	14.2	15.4	15.7	18.2	19.5	18.6	19.8	20.0
	6H	13.8	15.0	14.1	15.3	15.5	18.1	19.3	18.5	19.6	19.9
	8H	13.7	14.9	14.1	15.2	15.5	18.1	19.2	18.4	19.5	19.8
	12H	13.7	14.8	14.0	15.1	15.4	18.0	19.1	18.4	19.4	19.8
4H	2H	17.1	18.4	17.5	18.7	19.0	19.5	20.8	19.8	21.0	21.3
	3H	18.3	19.4	18.7	19.7	20.0	19.4	20.5	19.8	20.8	21.1
	4H	18.7	19.7	19.1	20.1	20.4	19.3	20.3	19.7	20.7	21.0
	6H	18.7	19.6	19.1	20.0	20.3	19.2	20.1	19.6	20.5	20.9
	8H	18.7	19.5	19.1	19.9	20.3	19.2	20.0	19.6	20.4	20.8
	12H	18.6	19.4	19.1	19.8	20.2	19.2	19.9	19.6	20.3	20.7
8H	4H	19.1	19.9	19.5	20.3	20.7	19.6	20.4	20.0	20.8	21.2
	6H	19.4	20.1	19.9	20.5	21.0	19.5	20.2	19.9	20.6	21.0
	8H	19.5	20.1	20.0	20.5	21.0	19.5	20.1	19.9	20.5	20.9
	12H	19.5	20.0	20.0	20.4	20.9	19.4	19.9	19.9	20.4	20.9
12H	4H	19.0	19.8	19.5	20.2	20.6	19.6	20.3	20.0	20.7	21.2
	6H	19.4	20.0	19.9	20.4	20.9	19.5	20.1	20.0	20.6	21.0
	8H	19.5	20.0	20.0	20.5	21.0	19.5	20.0	20.0	20.5	20.9
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.7 / - 0.6					+ 0.6 / - 0.6					
1.5H	+ 1.0 / - 0.8					+ 1.9 / - 2.6					
2.0H	+ 0.7 / - 1.6					+ 1.6 / - 2.4					

CIE Pub.117, 13984 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.2)
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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

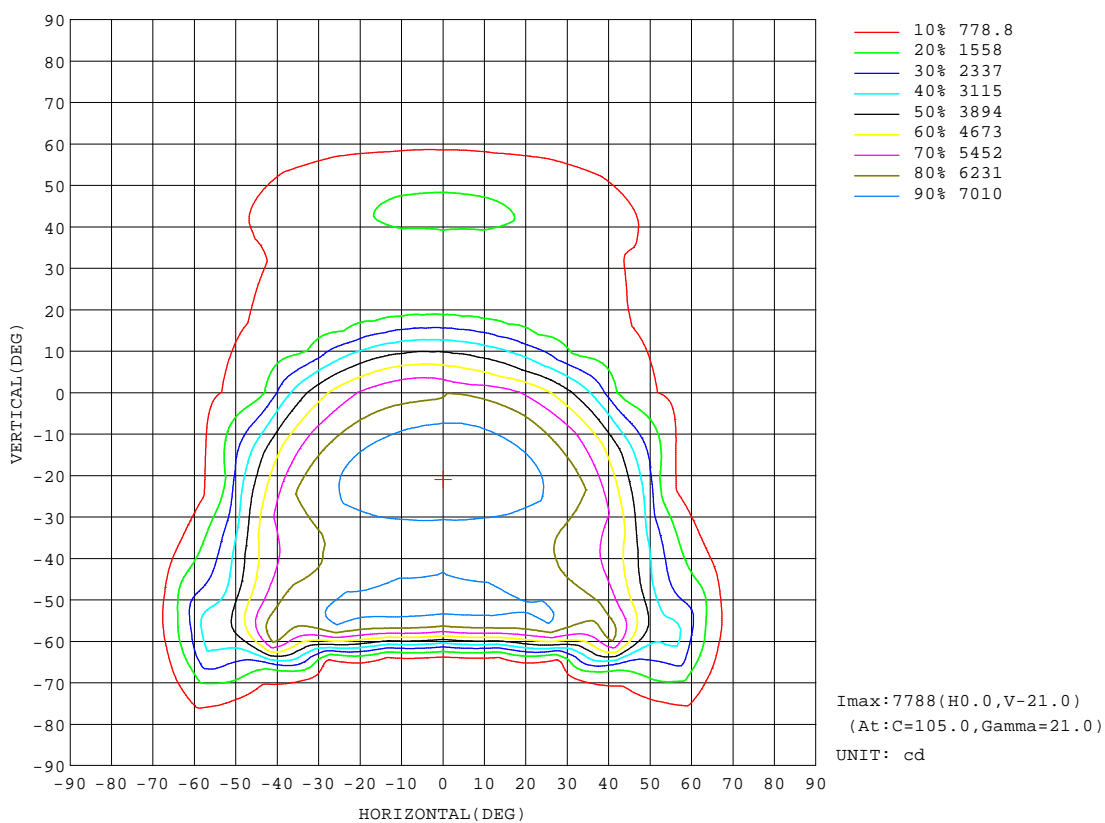
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	57	50	67	56	49	65	56	49	42
1.00	77	66	59	76	66	59	74	67	58	51
1.25	85	74	68	83	74	67	80	72	66	59
1.50	90	80	73	88	79	73	85	77	72	64
2.00	96	88	82	95	87	82	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	98	105	100	96	101	97	93	85
5.00	109	105	101	107	103	99	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:2024-06-20

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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



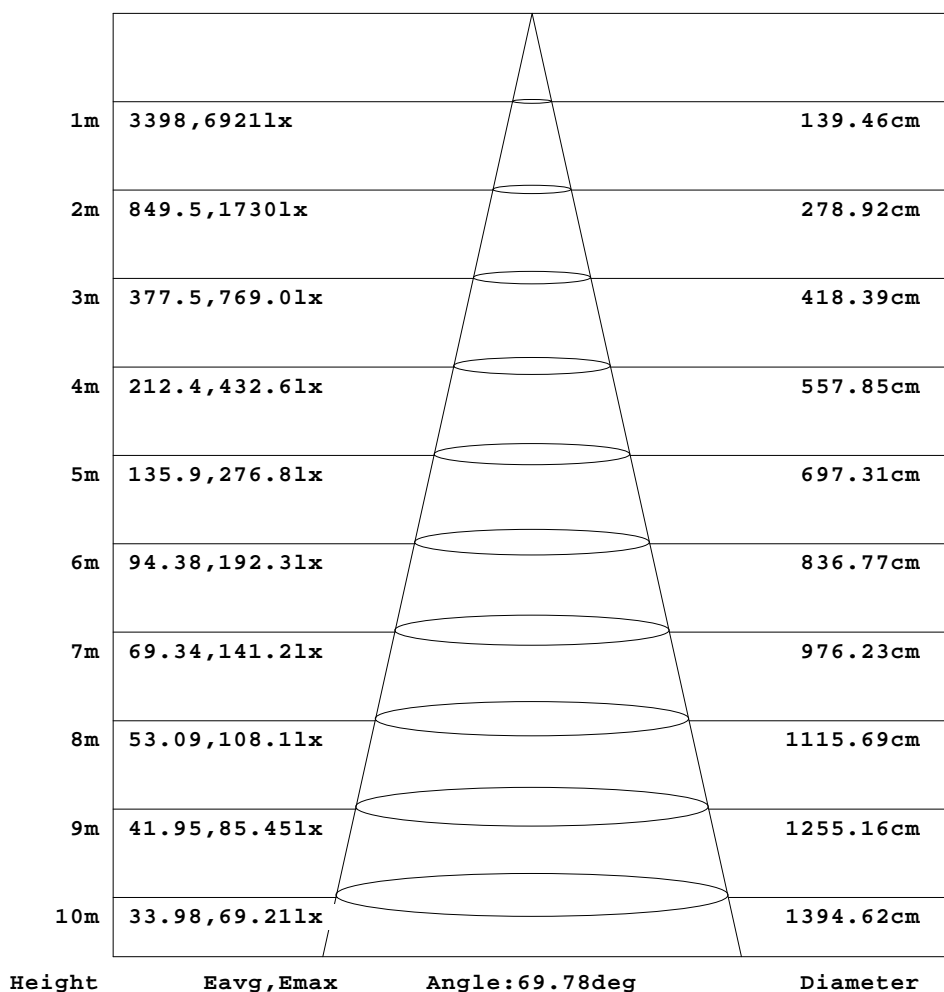
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:5234 lm



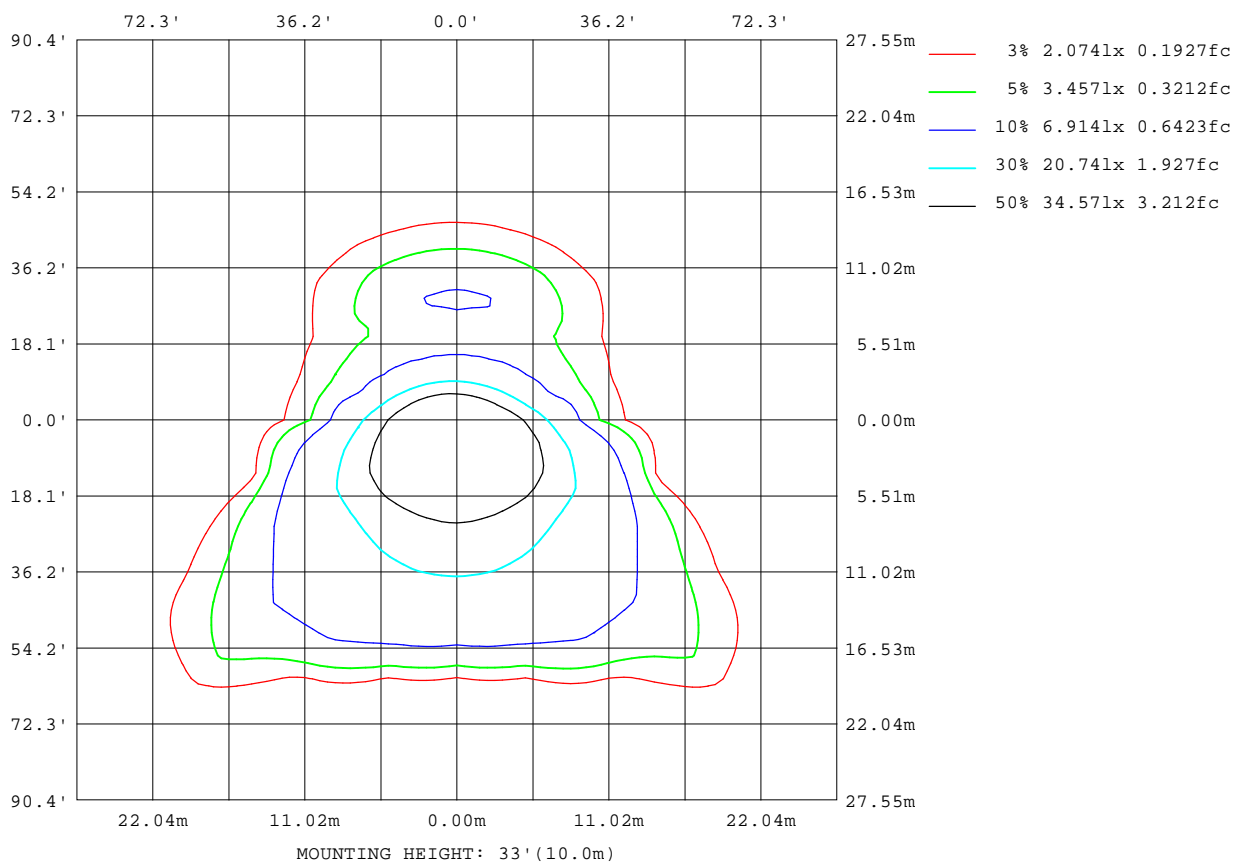
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

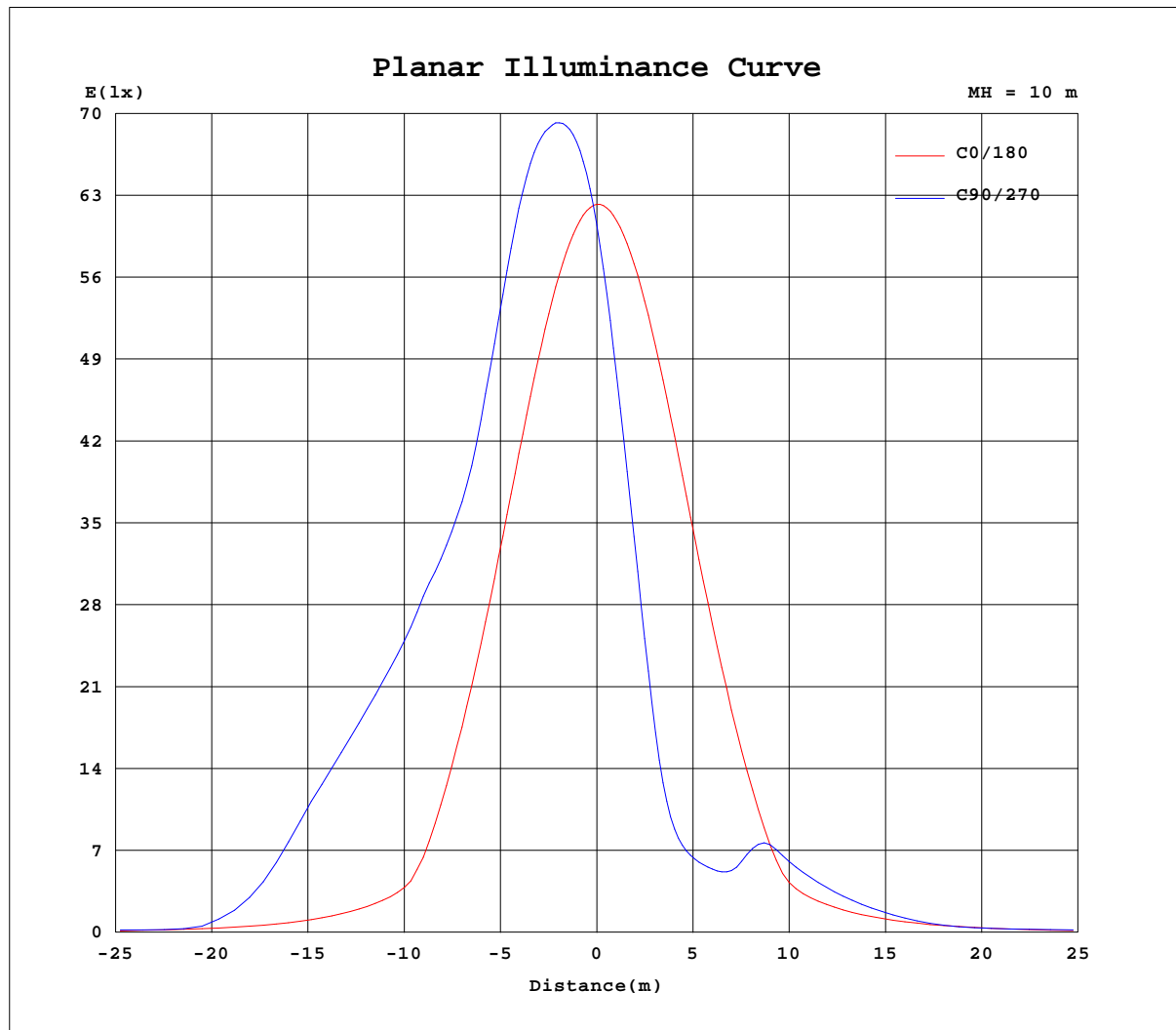
AvgL	cd/m2
L_0~180(65)av	2803
L_0~180(75)av	2004
L_0~180(85)av	1185
L_90~270(65)av	3120
L_90~270(75)av	3302
L_90~270(85)av	1016
L_45(65)av	27235
L_45(75)av	7611
L_45(85)av	2026

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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)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	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061	6061
5	5992	6202	6385	6547	6659	6746	6776	6775	6711	6616	6456	6260	6034	5813	5594	5387	5229	5109	5064
10	5833	6252	6588	6870	7057	7206	7256	7256	7155	6998	6724	6362	5917	5443	4973	4515	4174	3921	3845
15	5573	6219	6702	7083	7343	7543	7615	7613	7476	7265	6887	6367	5700	4934	4177	3477	2951	2605	2485
20	5192	6103	6737	7228	7554	7754	7806	7837	7715	7446	6971	6276	5361	4259	3205	2309	1731	1446	1354
25	4670	5896	6709	7308	7555	7629	7617	7719	7726	7557	6981	6094	4879	3421	2116	1367	1076	959	941
30	3979	5590	6627	7222	7236	7162	7105	7261	7418	7483	6932	5802	4226	2406	1270	1009	864	857	863
35	3115	5167	6476	6907	6743	6665	6712	6761	6930	7173	6796	5381	3368	1409	993	858	819	901	968
40	2023	4582	6188	6429	6388	6729	6878	6826	6582	6701	6522	4792	2283	1014	878	794	992	1488	1680
45	1063	3808	5743	5974	6520	6939	7070	7044	6727	6256	6075	4020	1182	865	798	947	1452	1702	1720
50	821	2853	5113	5763	6727	7131	7211	7253	6963	6079	5445	3038	883	747	783	1087	1431	1474	1464
55	653	1545	4304	5907	7007	6987	6731	7099	7262	6285	4611	1644	706	627	743	1085	1178	1125	1111
60	499	744	3463	6188	6849	4601	3484	4623	7044	6640	3782	829	540	508	737	887	820	678	631
65	365	577	2835	6615	3034	632	444	641	2993	7139	3233	651	399	397	635	565	417	397	406
70	253	430	3023	4618	326	398	417	413	351	4631	3651	493	277	307	397	315	355	475	516
75	160	277	2935	1003	243	221	204	232	266	963	3274	314	174	216	225	287	387	363	347
80	87.2	140	1381	275	95.0	85.5	78.6	88.9	103	258	1499	162	94.7	114	162	162	145	132	125
85	32.4	85.7	435	51.0	22.2	19.5	18.1	20.8	25.6	52.8	488	123	34.2	50.3	54.1	63.8	53.3	41.3	39.0
90	2.58	2.01	2.56	2.39	2.12	2.03	2.10	2.47	2.69	2.66	3.13	2.16	1.22	2.09	3.38	4.53	4.85	3.69	2.67
95	3.48	2.41	2.69	2.96	2.90	2.78	2.83	3.11	3.27	3.15	2.97	2.67	1.57	2.89	4.17	5.39	6.00	5.85	5.44
100	4.88	2.94	3.19	3.59	3.66	3.58	3.58	3.82	3.94	3.81	3.53	3.28	2.12	3.99	5.15	6.23	6.77	6.94	7.11
105	6.77	3.60	3.76	4.28	4.51	4.50	4.49	4.71	4.78	4.56	4.18	4.00	2.90	5.43	6.38	7.35	7.58	7.69	8.07
110	9.03	4.63	4.29	4.90	5.33	5.56	5.66	5.76	5.62	5.23	4.81	4.97	4.01	7.16	8.00	8.72	8.80	8.66	9.12
115	11.6	6.21	4.84	5.35	5.87	6.24	6.43	6.47	6.23	5.77	5.44	6.22	5.30	9.04	10.2	10.2	10.5	10.1	10.5
120	14.2	8.34	5.74	5.70	6.16	6.53	6.77	6.82	6.58	6.21	6.34	7.92	6.61	11.1	13.0	12.0	12.4	11.9	12.3
125	16.9	10.9	7.24	6.28	6.40	6.68	6.93	6.98	6.83	6.85	7.67	10.16	7.95	13.3	16.1	15.0	14.2	14.2	14.1
130	19.6	13.8	9.42	7.44	6.86	6.77	6.88	7.03	7.34	8.00	9.54	12.7	9.45	15.2	19.5	19.2	17.1	16.9	17.2
135	22.1	16.9	12.2	9.40	8.07	7.39	7.28	7.67	8.55	9.82	12.1	15.4	11.2	16.8	22.4	23.9	21.7	20.5	20.9
140	24.4	20.0	15.4	12.2	10.2	9.18	9.00	9.50	10.7	12.4	15.1	18.1	13.1	18.4	24.6	27.8	27.3	25.4	24.9
145	26.4	22.9	18.9	15.7	13.5	12.1	11.8	12.4	13.9	15.9	18.3	20.7	15.2	20.1	25.9	30.9	32.1	31.0	30.0
150	28.0	25.4	22.4	19.7	17.7	16.2	15.7	16.4	18.0	19.8	21.5	23.0	17.5	22.0	27.2	32.5	35.4	35.8	35.3
155	29.2	27.6	25.6	23.8	22.3	21.0	20.6	21.2	22.4	23.5	24.4	25.0	19.8	24.2	29.4	34.1	37.1	38.4	38.4
160	30.1	29.3	28.3	27.5	26.7	26.1	25.8	26.2	26.7	27.0	27.0	26.9	22.2	26.8	31.7	36.0	38.5	39.7	39.7
165	30.6	30.6	30.6	30.7	30.6	30.7	30.6	30.6	30.4	30.0	29.1	28.5	24.8	29.3	33.9	37.7	40.0	41.1	41.0
170	30.8	31.6	32.3	33.3	34.0	34.5	34.4	34.3	33.6	32.5	31.0	30.0	26.9	30.9	34.9	38.1	40.2	41.3	41.2
175	30.4	32.1	33.6	35.3	36.5	37.3	37.2	36.8	35.7	34.1	32.2	30.5	28.5	31.8	35.0	37.6	39.5	40.6	40.5
180	29.6	32.2	34.4	36.7	38.3	39.4	39.1	38.6	37.1	35.3	33.0	30.6	29.8	32.1	34.6	36.7	38.3	39.3	39.2

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:120.32V I:0.7531A P:90.615W PF:0.9924 Freq:59.98Hz Lamp Flux:13984.3x1 lm		
NAME: XWPD(45/63/90)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	6061	6061	6061	6061	6061														
5	5074	5166	5313	5514	5743														
10	3868	4072	4372	4810	5298														
15	2542	2826	3291	3955	4711														
20	1414	1642	2125	2951	3982														
25	961	1064	1297	1873	3106														
30	865	877	1011	1215	2070														
35	928	839	866	999	1259														
40	1552	1076	825	892	1001														
45	1704	1508	1041	819	863														
50	1470	1432	1159	825	748														
55	1115	1154	1105	806	633														
60	648	790	875	772	512														
65	397	399	524	638	406														
70	479	358	311	366	317														
75	344	380	287	221	215														
80	129	141	153	156	112														
85	39.2	50.5	60.1	54.3	48.5														
90	3.51	5.29	5.50	4.62	2.47														
95	6.18	7.11	6.56	5.23	2.99														
100	7.91	8.35	7.31	5.83	3.68														
105	9.06	9.29	8.12	6.60	4.54														
110	10.3	10.4	9.23	7.66	5.53														
115	11.7	11.8	10.8	8.87	6.60														
120	13.2	13.7	13.0	9.82	7.71														
125	15.3	16.9	14.9	11.1	8.97														
130	19.1	20.0	16.6	13.2	10.3														
135	22.2	21.8	19.1	16.0	11.5														
140	25.5	25.3	23.4	18.8	12.7														
145	30.3	29.9	27.2	21.1	14.5														
150	35.1	33.8	30.1	23.6	17.3														
155	38.0	36.1	32.3	26.5	20.7														
160	39.3	37.5	34.4	29.7	24.4														
165	40.3	38.8	36.4	32.6	27.8														
170	40.5	39.0	37.0	33.9	29.8														
175	39.7	38.2	36.3	33.8	30.5														
180	38.5	37.2	35.3	33.1	30.6														

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: