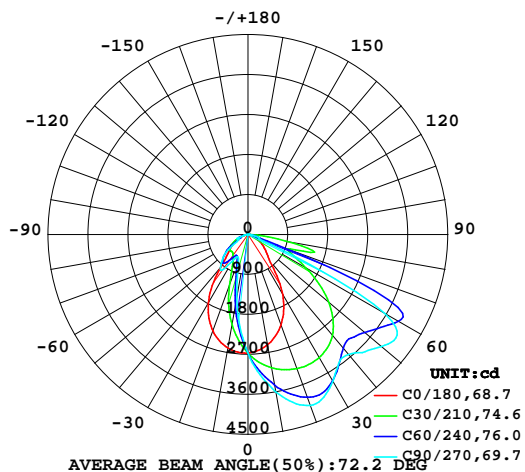


LUMINAIRE PHOTOMETRIC TEST REPORT

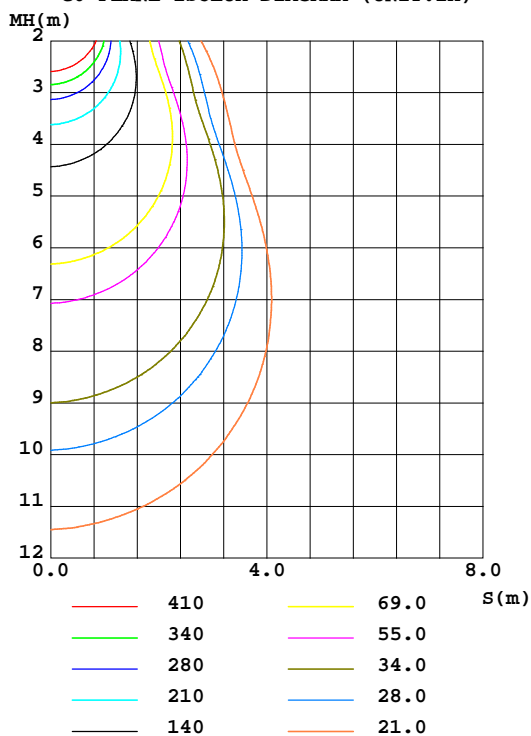
Test:U:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.05 lm/W			
MODEL		I _{max} (cd)	4112	S/MH(C0/180)	1.05
NOMINAL POWER(W)	45	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	7304.0	h UP,DN(C0-180)	0.2,79.9
NOMINAL FLUX(lm)	7304	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	1.00

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:

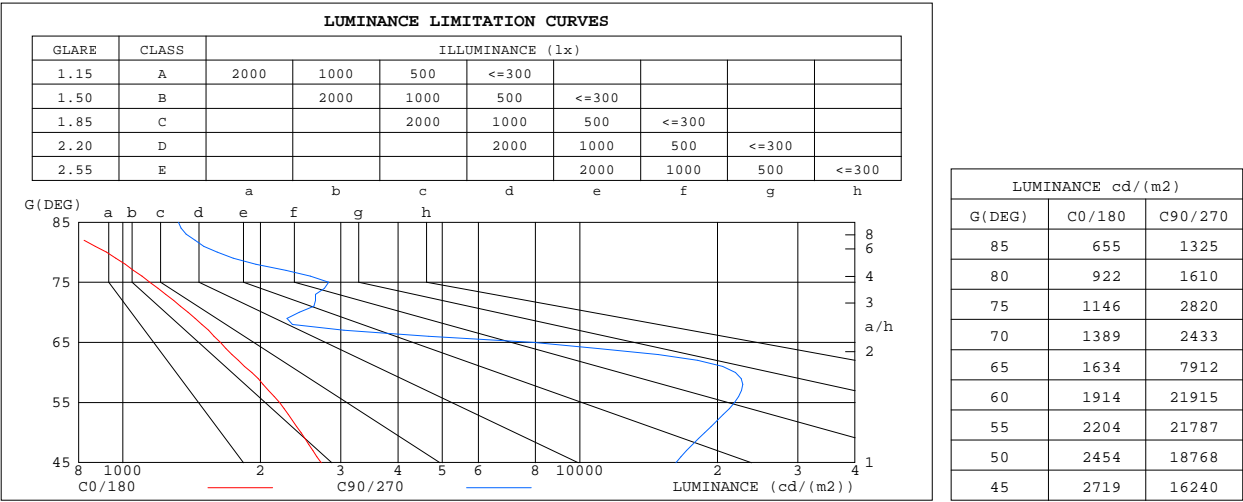
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	2525	3258	3593	3314	2599	1826	1471	1771	0- 10	248.8	248.8	3.41,3.41
20	2170	3612	4094	3718	2313	879.7	637.9	860.4	10- 20	679.7	928.5	12.7,12.7
30	1570	3667	3822	3829	1788	575.6	669.3	570.9	20- 30	997.5	1926	26.4,26.4
40	757.8	3260	3528	3441	942.0	637.2	964.6	701.9	30- 40	1211	3137	42.9,42.9
50	493.1	2797	3925	2946	542.2	662.6	680.9	698.4	40- 50	1334	4471	61.2,61.2
60	299.2	2908	3565	3098	332.4	387.7	261.2	388.9	50- 60	1357	5828	79.8,79.8
70	148.6	3220	270.7	3349	169.2	154.9	266.8	163.6	60- 70	985.2	6814	93.3,93.3
80	50.05	387.0	90.94	381.5	60.28	63.71	39.02	67.78	70- 80	380.7	7194	98.5,98.5
90	1.413	9.739	7.538	9.526	0.8413	2.502	2.674	3.107	80- 90	69.08	7263	99.4,99.4
100	2.559	1.823	1.666	2.056	1.033	3.384	4.359	3.761	90-100	2.651	7266	99.5,99.5
110	4.449	2.663	2.641	2.964	1.777	4.834	5.446	4.791	100-110	3.252	7269	99.5,99.5
120	6.793	3.354	3.804	3.685	2.904	7.044	7.233	6.702	110-120	4.324	7274	99.6,99.6
130	9.237	4.019	4.188	4.405	4.306	11.29	10.70	8.270	120-130	5.365	7279	99.7,99.7
140	11.47	5.646	4.615	5.985	6.092	14.96	15.00	12.16	130-140	6.242	7285	99.7,99.7
150	13.16	8.692	6.954	9.022	8.163	16.12	19.54	14.58	140-150	6.662	7292	99.8,99.8
160	14.18	12.50	11.51	12.71	10.47	17.73	20.37	16.72	150-160	6.079	7298	99.9,99.9
170	14.45	15.81	16.61	15.83	12.57	18.72	21.22	18.23	160-170	4.437	7302	100,100
180	13.86	17.85	19.81	17.41	13.86	17.83	19.81	17.41	170-180	1.630	7304	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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



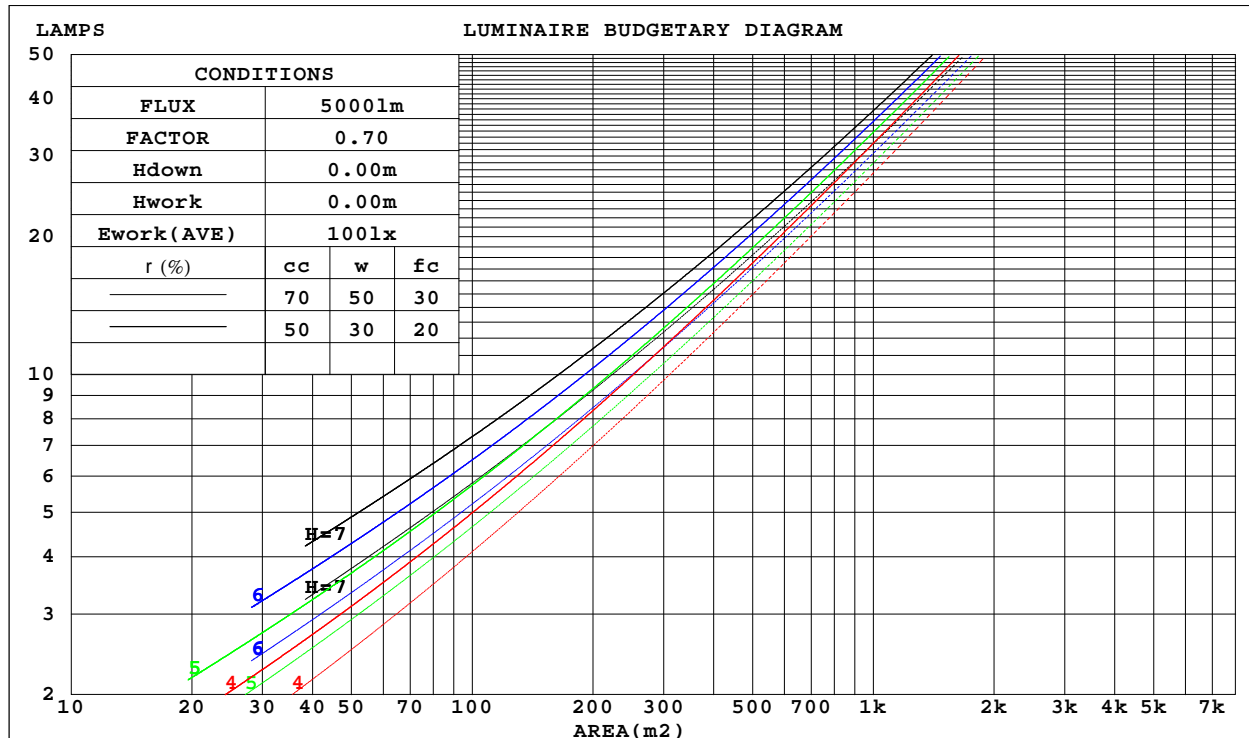
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 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	.72	.65	.78	.71	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.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	.46	.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	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 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	.053	.290	.165	.052	.276	.158	.051	.264	.152	.049	.252	.146	.047	
2.0	.285	.156	.048	.279	.154	.047	.267	.149	.046	.256	.144	.045	.246	.139	.044	
3.0	.267	.142	.043	.261	.140	.042	.251	.136	.041	.241	.132	.041	.232	.128	.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	.217	.113	.033	.210	.111	.033	.202	.108	.032	
6.0	.214	.107	.031	.210	.106	.031	.202	.104	.030	.195	.102	.030	.189	.099	.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	.150	.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	.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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 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	12H	12.9	14.4	13.3	14.4	14.7	19.9	21.0	20.2	21.3	21.6
	8H	12.9	14.1	13.3	14.4	14.7	19.9	21.1	20.3	21.4	21.7
	6H	13.0	14.2	13.3	14.5	14.8	20.0	21.2	20.3	21.5	21.8
	4H	13.0	14.4	13.4	14.6	14.9	20.1	21.4	20.4	21.6	21.9
	3H	13.0	14.4	13.4	14.7	14.9	20.1	21.5	20.4	21.8	22.0
	2H	12.9	14.4	13.2	14.6	14.8	20.1	21.6	20.4	21.8	22.1
4H	12H	18.4	19.2	18.8	19.6	20.0	20.9	21.7	21.4	22.1	22.5
	8H	18.4	19.3	18.9	19.7	20.1	21.0	21.8	21.4	22.2	22.6
	6H	18.5	19.4	18.9	19.8	20.1	21.0	21.9	21.4	22.3	22.7
	4H	18.4	19.5	18.8	19.8	20.1	21.1	22.1	21.5	22.5	22.8
	3H	17.9	19.1	18.3	19.4	19.7	21.1	22.3	21.5	22.6	22.9
	2H	17.0	18.4	17.3	18.6	18.9	20.9	22.2	21.2	22.5	22.8
8H	12H	19.9	20.5	20.4	20.9	21.4	21.2	21.8	21.7	22.2	22.7
	8H	20.0	20.6	20.4	21.0	21.5	21.3	21.9	21.7	22.3	22.8
	6H	19.9	20.6	20.3	21.0	21.4	21.3	22.0	21.8	22.4	22.9
	4H	19.3	20.2	19.8	20.6	21.0	21.4	22.2	21.8	22.6	23.0
12H	8H	20.0	20.6	20.5	21.0	21.5	21.3	21.9	21.8	22.3	22.8
	6H	19.9	20.5	20.4	20.9	21.4	21.4	22.0	21.8	22.4	22.9
	4H	19.3	20.1	19.7	20.5	20.9	21.4	22.2	21.8	22.6	23.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.3 / - 0.3					+ 0.4 / - 0.5					
1.5H	+ 0.4 / - 0.4					+ 1.2 / - 1.4					
2.0H	+ 1.0 / - 1.9					+ 2.1 / - 3.5					

CIE Pub.117, 7304 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.9)
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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

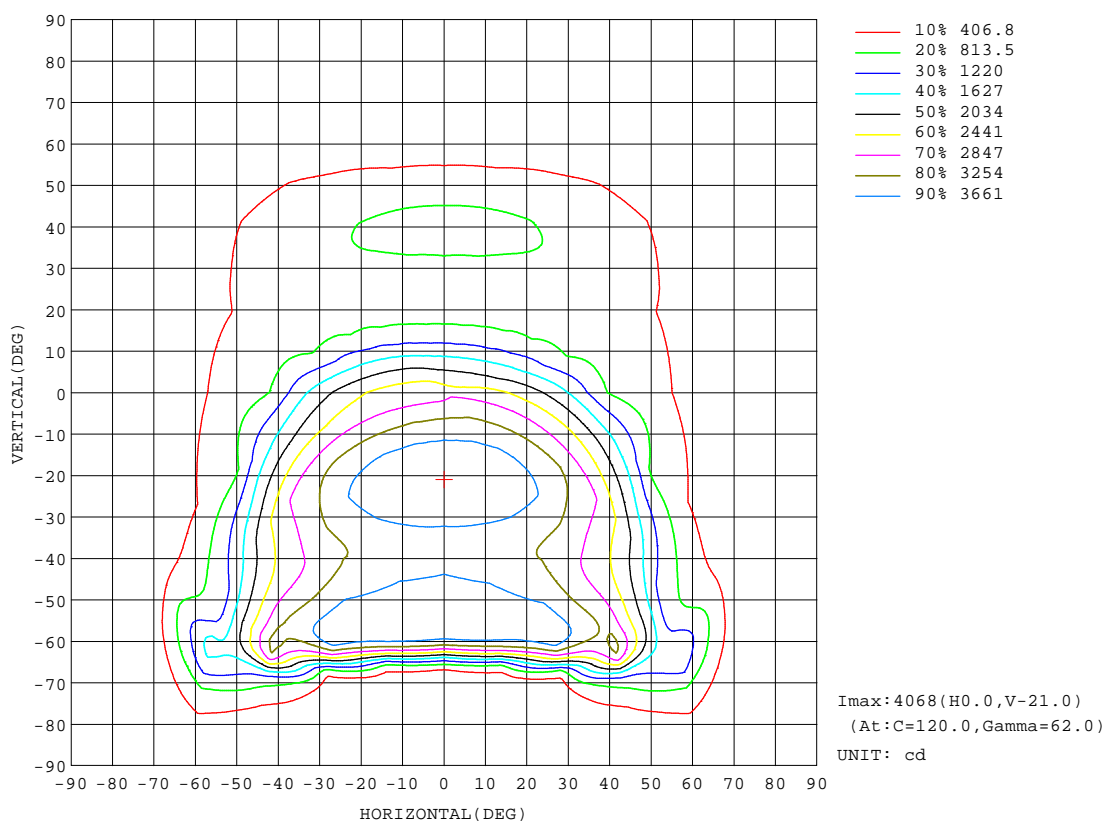
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	30
0.80	67	55	47	66	54	47	64	53	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	79	70	64	56
1.50	88	78	71	86	77	71	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	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	107	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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



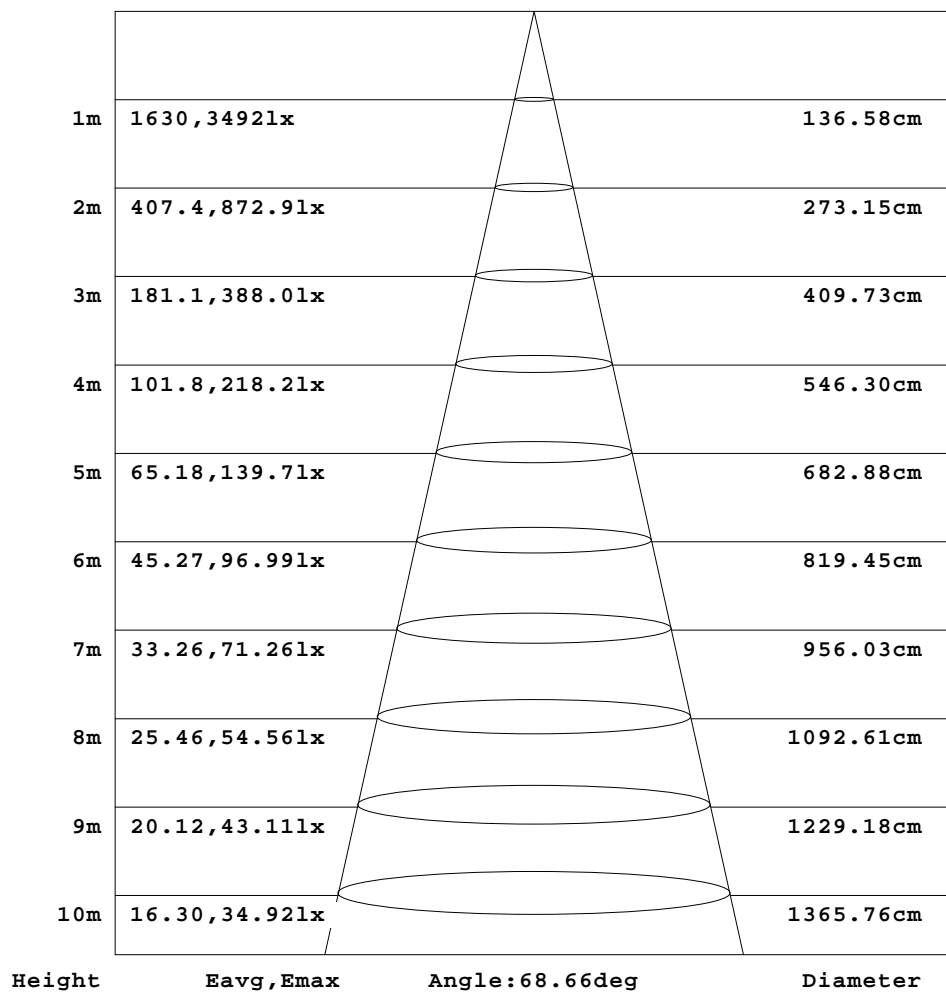
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:2510 lm



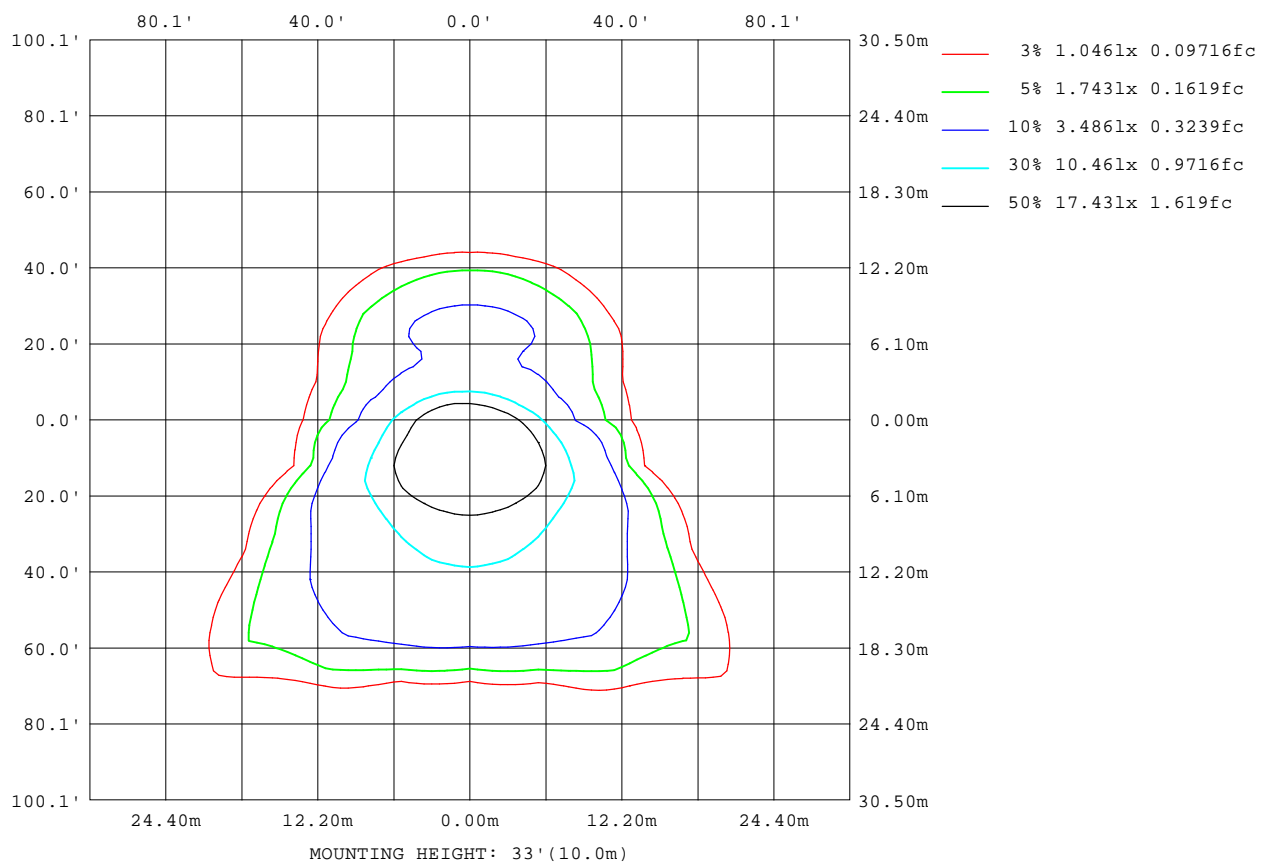
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

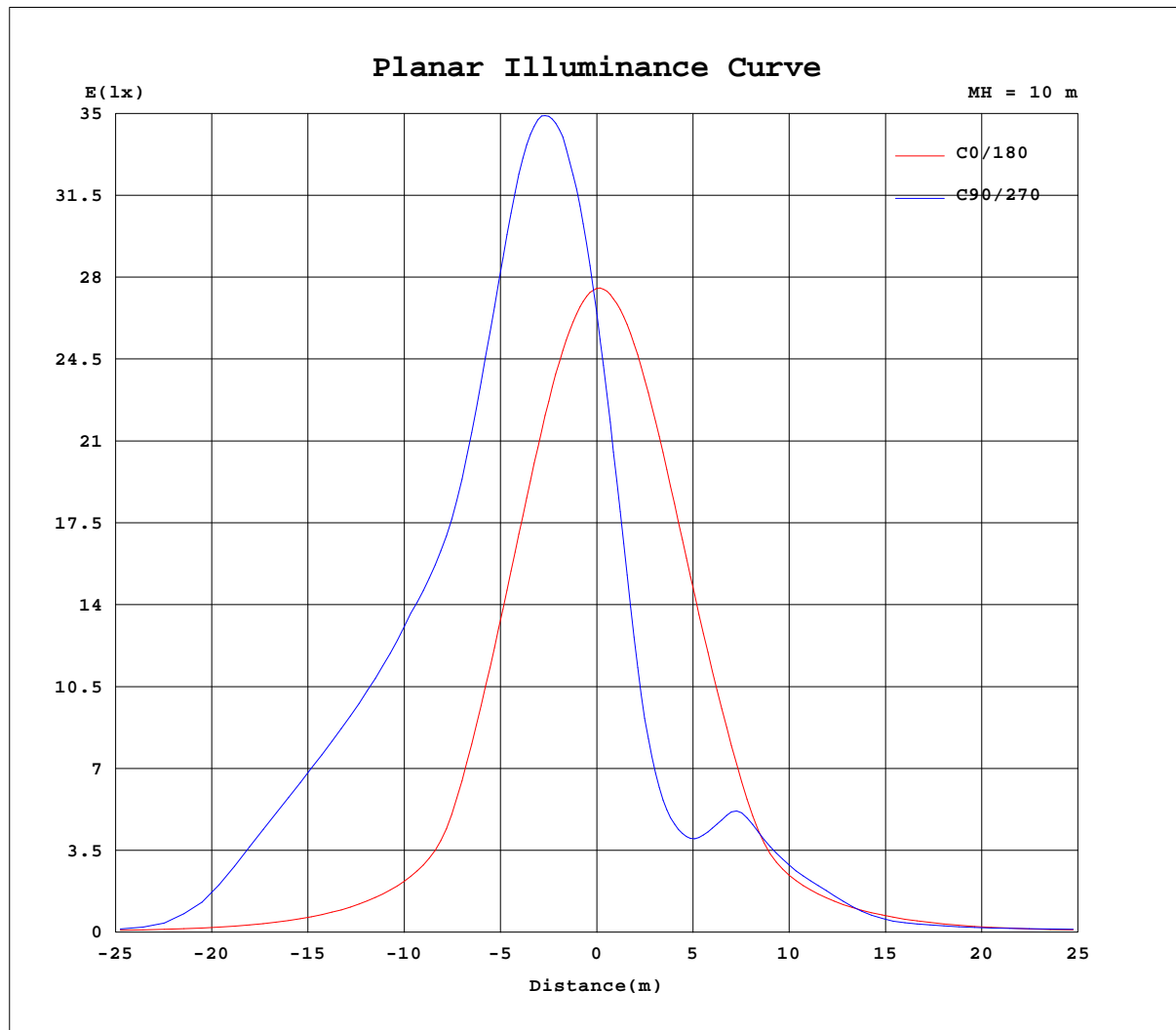
AvgL	cd/m2
L_0~180(65)av	1679
L_0~180(75)av	1200
L_0~180(85)av	741
L_90~270(65)av	4885
L_90~270(75)av	2022
L_90~270(85)av	708
L_45(65)av	12591
L_45(75)av	7270
L_45(85)av	2196

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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 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	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669	2669
5	2623	2761	2885	2999	3090	3146	3170	3160	3111	3027	2915	2780	2656	2529	2399	2276	2182	2116	2096
10	2525	2802	3043	3258	3435	3537	3593	3558	3465	3314	3104	2839	2599	2328	2070	1826	1635	1504	1471
15	2378	2792	3150	3462	3716	3841	3910	3878	3769	3543	3234	2847	2482	2074	1679	1305	1075	949	928
20	2170	2731	3211	3612	3900	4024	4094	4076	3978	3718	3316	2798	2313	1761	1231	880	750	656	638
25	1906	2614	3233	3688	3943	4006	4043	4065	4041	3822	3357	2691	2085	1369	854	690	579	552	556
30	1570	2442	3201	3667	3806	3807	3822	3869	3914	3829	3351	2523	1788	952	682	576	548	625	669
35	1145	2202	3117	3516	3575	3551	3558	3604	3678	3683	3280	2291	1408	720	592	537	687	864	946
40	758	1893	2960	3260	3343	3434	3528	3483	3434	3441	3134	1987	942	602	540	637	852	950	965
45	601	1519	2710	2992	3290	3604	3736	3665	3383	3155	2882	1598	673	520	536	698	807	818	824
50	493	1024	2372	2797	3432	3783	3925	3860	3541	2946	2536	1075	542	450	542	663	671	679	681
55	395	571	1967	2752	3652	3979	4065	4075	3788	2912	2113	619	436	378	497	527	525	411	397
60	299	449	1513	2908	3910	3797	3565	3895	4065	3098	1645	491	332	307	405	388	270	251	261
65	216	339	1133	3122	3490	1655	1088	1598	3539	3329	1263	377	242	247	306	203	202	230	243
70	149	247	961	3220	708	261	271	264	626	3349	1161	278	169	175	162	155	198	256	267
75	92.7	161	1552	1084	240	228	237	231	239	1055	1818	177	108	112	108	138	114	102	100
80	50.0	82.9	848	387	116	97.9	90.9	97.0	113	382	904	86.8	60.3	58.7	74.5	63.7	52.5	41.2	39.0
85	17.9	44.5	286	109	46.6	40.4	37.6	39.6	45.1	102	302	60.0	23.8	25.4	21.6	17.1	6.83	2.67	2.21
90	1.41	1.18	13.4	9.74	8.26	8.15	7.54	8.01	7.91	9.53	20.6	1.36	0.84	1.08	1.71	2.50	3.06	3.02	2.67
95	1.87	1.42	1.46	1.47	1.28	1.24	1.26	1.45	1.67	1.71	1.70	1.65	0.82	1.45	2.13	2.90	3.50	3.73	3.86
100	2.56	1.75	1.77	1.82	1.71	1.67	1.67	1.84	2.02	2.06	2.03	2.01	1.03	1.99	2.67	3.38	3.85	4.08	4.36
105	3.43	2.13	2.13	2.23	2.15	2.08	2.08	2.25	2.44	2.48	2.45	2.43	1.34	2.71	3.39	4.05	4.40	4.51	4.83
110	4.45	2.62	2.52	2.66	2.70	2.62	2.64	2.78	2.97	2.96	2.85	2.91	1.78	3.52	4.37	4.83	5.19	5.16	5.45
115	5.59	3.31	2.87	3.05	3.20	3.24	3.32	3.39	3.49	3.35	3.25	3.49	2.32	4.41	5.63	5.78	6.20	6.09	6.35
120	6.79	4.20	3.28	3.35	3.55	3.69	3.80	3.83	3.85	3.68	3.67	4.21	2.90	5.36	7.06	7.04	7.21	7.20	7.23
125	8.00	5.30	3.85	3.62	3.78	3.90	4.02	4.06	4.09	4.01	4.21	5.15	3.55	6.26	8.65	8.98	8.52	8.52	8.60
130	9.24	6.53	4.68	4.02	3.99	4.07	4.19	4.24	4.31	4.41	4.94	6.23	4.31	7.05	10.1	11.3	10.6	10.5	10.7
135	10.4	7.84	5.75	4.66	4.32	4.24	4.33	4.40	4.65	5.03	5.90	7.38	5.16	7.73	11.3	13.4	13.5	12.8	12.7
140	11.5	9.20	7.07	5.65	4.95	4.62	4.61	4.80	5.32	5.99	7.13	8.59	6.09	8.50	12.0	15.0	16.1	15.5	15.0
145	12.4	10.6	8.57	7.01	6.04	5.52	5.49	5.75	6.45	7.35	8.58	9.86	7.10	9.43	12.4	15.8	17.9	18.1	17.7
150	13.2	11.8	10.2	8.69	7.66	7.02	6.95	7.27	8.09	9.02	10.10	11.0	8.16	10.4	13.1	16.1	18.5	19.5	19.5
155	13.7	12.8	11.7	10.6	9.73	9.05	9.00	9.32	10.14	10.8	11.6	12.1	9.31	11.5	14.1	16.8	18.9	19.8	20.0
160	14.2	13.7	13.2	12.5	12.0	11.5	11.5	11.8	12.4	12.7	13.0	13.1	10.5	12.7	15.2	17.7	19.5	20.3	20.4
165	14.4	14.4	14.4	14.3	14.2	14.0	14.1	14.2	14.5	14.4	14.2	13.8	11.6	13.8	16.3	18.5	20.3	21.0	21.0
170	14.4	14.9	15.4	15.8	16.3	16.4	16.6	16.5	16.4	15.8	15.2	14.5	12.6	14.6	16.7	18.7	20.3	21.1	21.2
175	14.3	15.1	16.1	17.0	17.9	18.3	18.5	18.3	17.8	16.8	15.8	14.7	13.3	15.0	16.8	18.4	19.9	20.6	20.7
180	13.9	15.1	16.5	17.8	19.0	19.7	19.8	19.4	18.7	17.4	16.2	14.7	13.9	15.1	16.5	17.8	19.1	19.7	19.8

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:120.04V I:0.3802A P:45.636W PF:0.9958 Freq:59.98Hz Lamp Flux:7304x1 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	2669	2669	2669	2669	2669														
5	2112	2166	2247	2363	2499														
10	1493	1605	1771	2004	2268														
15	945	1055	1238	1581	1984														
20	654	739	860	1125	1631														
25	558	582	681	821	1219														
30	643	572	571	686	870														
35	893	729	571	609	703														
40	967	900	702	571	606														
45	834	844	749	597	534														
50	696	694	698	600	473														
55	423	536	546	539	405														
60	256	277	389	430	338														
65	234	209	209	315	272														
70	258	205	164	166	191														
75	105	120	150	117	116														
80	43.0	55.5	67.8	76.8	63.2														
85	2.99	8.55	18.4	24.0	26.8														
90	3.06	3.48	3.11	2.39	1.34														
95	4.19	4.16	3.48	2.62	1.55														
100	4.72	4.55	3.76	2.92	1.86														
105	5.23	4.93	4.19	3.34	2.29														
110	5.83	5.53	4.79	3.90	2.77														
115	6.58	6.31	5.65	4.47	3.30														
120	7.40	7.63	6.70	4.96	3.82														
125	9.26	9.40	7.47	5.71	4.44														
130	11.2	10.5	8.27	6.84	5.00														
135	12.6	11.7	10.17	8.07	5.55														
140	14.7	14.0	12.2	9.10	6.13														
145	17.3	16.2	13.7	10.00	7.00														
150	19.0	17.5	14.6	11.1	8.26														
155	19.4	18.0	15.5	12.7	9.89														
160	19.8	18.6	16.7	14.3	11.7														
165	20.4	19.4	17.8	15.8	13.3														
170	20.6	19.6	18.2	16.5	14.3														
175	20.2	19.3	17.9	16.5	14.6														
180	19.4	18.7	17.4	16.2	14.7														

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: