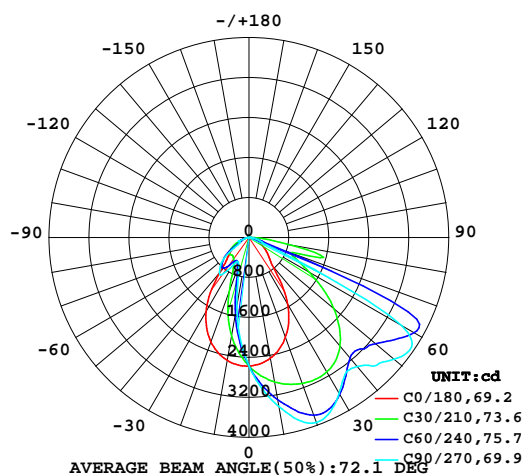


LUMINAIRE PHOTOMETRIC TEST REPORT

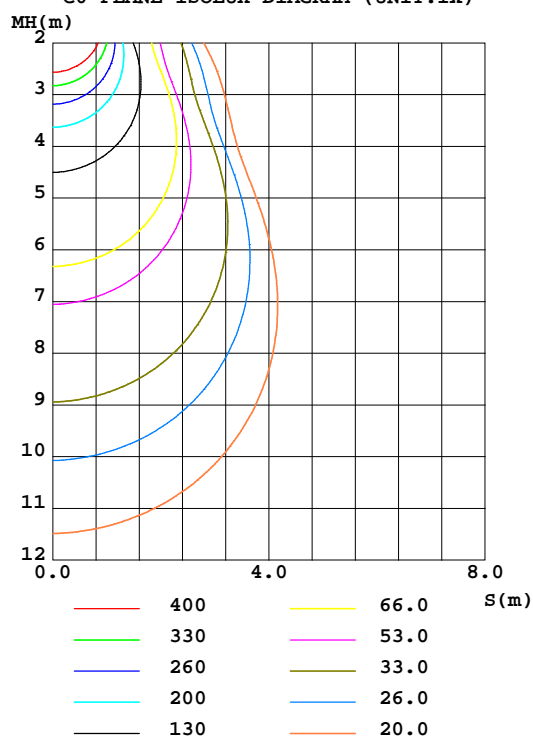
Test:U:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 152.39 lm/W			
MODEL		I _{max} (cd)	3943	S/MH(C0/180)	1.04
NOMINAL POWER(W)	45	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	6941.4	h UP,DN(C0-180)	0.2,80.0
NOMINAL FLUX(lm)	6941.41	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,19.4
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:2024-06-20

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:

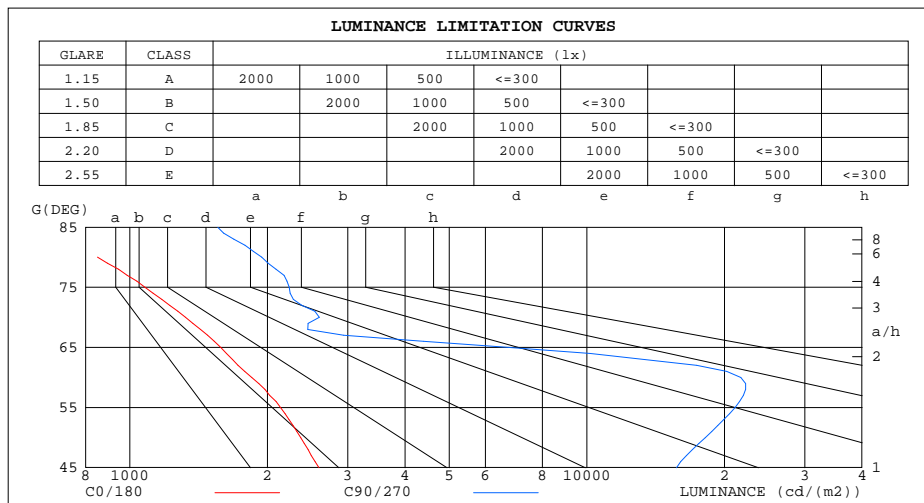
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	2456	3135	3426	3158	2500	1769	1412	1719	0- 10	239.5	239.5	3.45,3.45
20	2133	3493	3943	3546	2227	805.7	614.2	785.0	10- 20	652.8	892.3	12.9,12.9
30	1557	3495	3607	3620	1722	542.6	635.7	554.0	20- 30	954.9	1847	26.6,26.6
40	733.4	3069	3373	3195	907.0	618.2	922.2	678.0	30- 40	1148	2995	43.2,43.2
50	477.7	2633	3791	2701	517.8	635.3	663.2	671.7	40- 50	1268	4263	61.4,61.4
60	290.6	2790	3529	2834	319.4	361.3	225.9	366.3	50- 60	1294	5557	80.1,80.1
70	142.2	2924	288.9	3055	162.9	134.5	232.8	141.6	60- 70	928.6	6486	93.4,93.4
80	46.41	365.9	109.6	387.3	57.18	56.53	27.56	59.34	70- 80	348.7	6834	98.5,98.5
90	1.324	9.937	10.41	11.01	0.9491	2.377	2.499	2.908	80- 90	68.31	6903	99.4,99.4
100	2.406	1.718	1.533	1.934	1.008	3.199	4.179	3.518	90-100	2.592	6905	99.5,99.5
110	4.194	2.534	2.511	2.793	1.739	4.593	5.209	4.522	100-110	3.077	6908	99.5,99.5
120	6.402	3.184	3.628	3.484	2.802	6.648	6.864	6.322	110-120	4.102	6912	99.6,99.6
130	8.744	3.818	3.966	4.193	4.115	10.69	10.11	7.808	120-130	5.092	6918	99.7,99.7
140	10.92	5.425	4.360	5.774	5.837	14.27	14.17	11.49	130-140	5.930	6923	99.7,99.7
150	12.60	8.387	6.687	8.748	7.852	15.34	18.60	13.78	140-150	6.352	6930	99.8,99.8
160	13.62	12.06	11.14	12.28	10.10	16.83	19.21	15.77	150-160	5.803	6936	99.9,99.9
170	13.91	15.18	15.92	15.15	12.16	17.86	19.98	17.25	160-170	4.232	6940	100,100
180	13.40	17.07	18.81	16.59	13.39	17.09	18.81	16.59	170-180	1.555	6941	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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	573	1559
80	850	1943
75	1080	2233
70	1323	2600
65	1582	6737
60	1850	21726
55	2139	21089
50	2365	18153
45	2594	15724

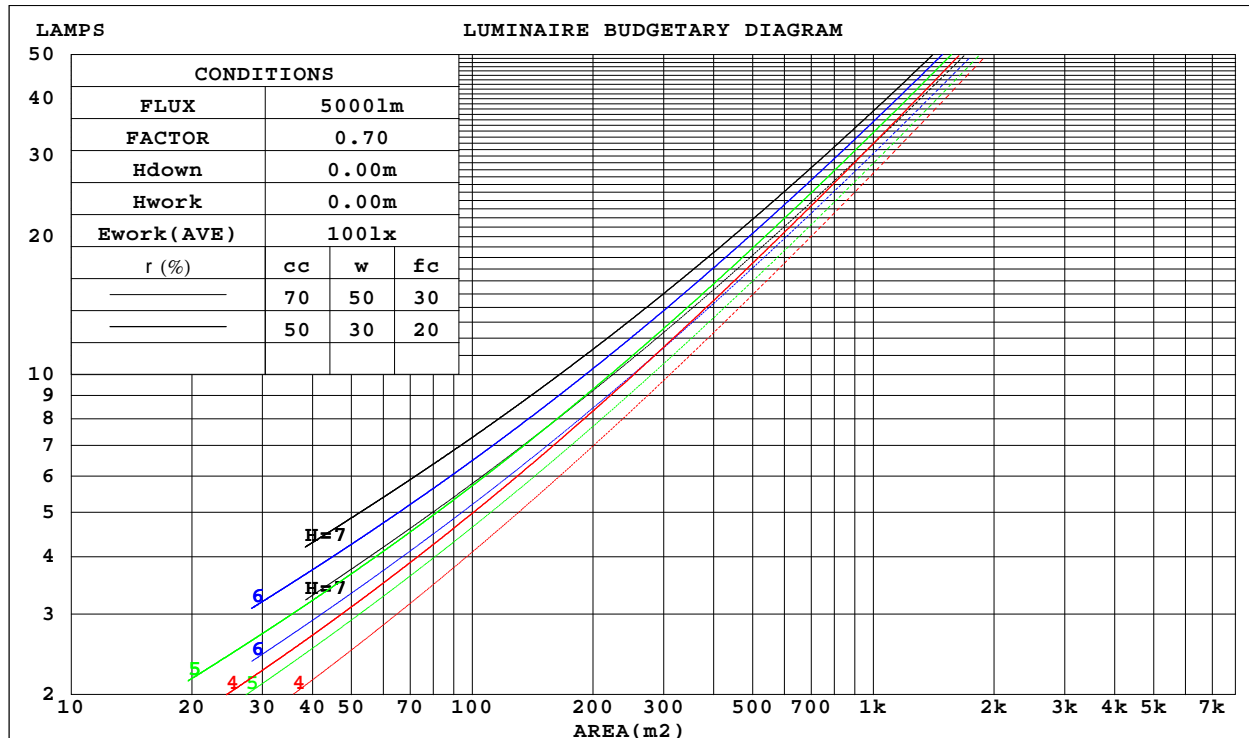
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)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	1.04	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	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.55	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)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	.296	.168	.053	.289	.165	.052	.275	.158	.050	.263	.152	.049	.251	.146	.047	
2.0	.285	.156	.048	.278	.153	.047	.266	.148	.046	.255	.143	.045	.245	.139	.044	
3.0	.266	.142	.042	.261	.140	.042	.250	.136	.041	.240	.132	.040	.231	.128	.040	
4.0	.247	.129	.038	.242	.127	.037	.233	.124	.037	.224	.120	.036	.216	.117	.036	
5.0	.230	.117	.034	.225	.116	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.213	.107	.031	.210	.106	.030	.202	.104	.030	.195	.101	.030	.189	.099	.029	
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.182	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.171	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.147	.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	.107	.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	.044	.126	.075	.038	.087	.052	.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	.133	.074	.033	.115	.064	.029	.079	.045	.020	.046	.027	.012	.015	.009	.004		
9.0	.127	.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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.4lx1 lm											
NAME: XWPD(30/45/63)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	12H	12.9	14.4	13.1	14.6	14.8	20.3	21.8	20.6	22.0	22.2
	8H	13.0	14.4	13.3	14.7	14.9	20.3	21.7	20.6	21.9	22.2
	6H	13.0	14.3	13.3	14.6	14.9	20.2	21.5	20.5	21.8	22.1
	4H	13.0	14.2	13.3	14.5	14.8	20.1	21.4	20.4	21.6	21.9
	3H	12.9	14.1	13.3	14.4	14.7	20.1	21.3	20.4	21.6	21.9
	2H	12.9	14.0	13.2	14.3	14.7	20.0	21.2	20.4	21.5	21.8
4H	12H	17.1	18.4	17.4	18.7	18.9	21.1	22.4	21.4	22.6	22.9
	8H	17.9	19.1	18.3	19.4	19.7	21.2	22.4	21.6	22.7	23.0
	6H	18.5	19.5	18.8	19.8	20.2	21.2	22.2	21.6	22.6	22.9
	4H	18.5	19.4	18.9	19.8	20.2	21.1	22.0	21.5	22.4	22.8
	3H	18.5	19.3	18.9	19.7	20.1	21.1	21.9	21.5	22.3	22.7
	2H	18.4	19.2	18.9	19.6	20.0	21.0	21.8	21.5	22.2	22.6
8H	12H	19.3	20.2	19.8	20.6	21.0	21.4	22.3	21.8	22.6	23.0
	8H	19.8	20.5	20.3	20.9	21.4	21.4	22.1	21.8	22.5	22.9
	6H	19.9	20.5	20.4	21.0	21.4	21.3	22.0	21.8	22.4	22.9
	4H	19.9	20.4	20.4	20.9	21.4	21.3	21.9	21.8	22.3	22.8
12H	8H	19.3	20.1	19.7	20.5	20.9	21.4	22.2	21.9	22.6	23.0
	6H	19.8	20.5	20.3	20.9	21.4	21.4	22.0	21.9	22.5	22.9
	4H	20.0	20.5	20.5	21.0	21.5	21.4	21.9	21.9	22.4	22.9
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.4 / - 0.3					+ 0.5 / - 0.6					
1.5H	+ 0.2 / - 0.4					+ 1.4 / - 1.6					
2.0H	+ 1.0 / - 2.1					+ 2.2 / - 3.6					

CIE Pub.117, 6941 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.7)
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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

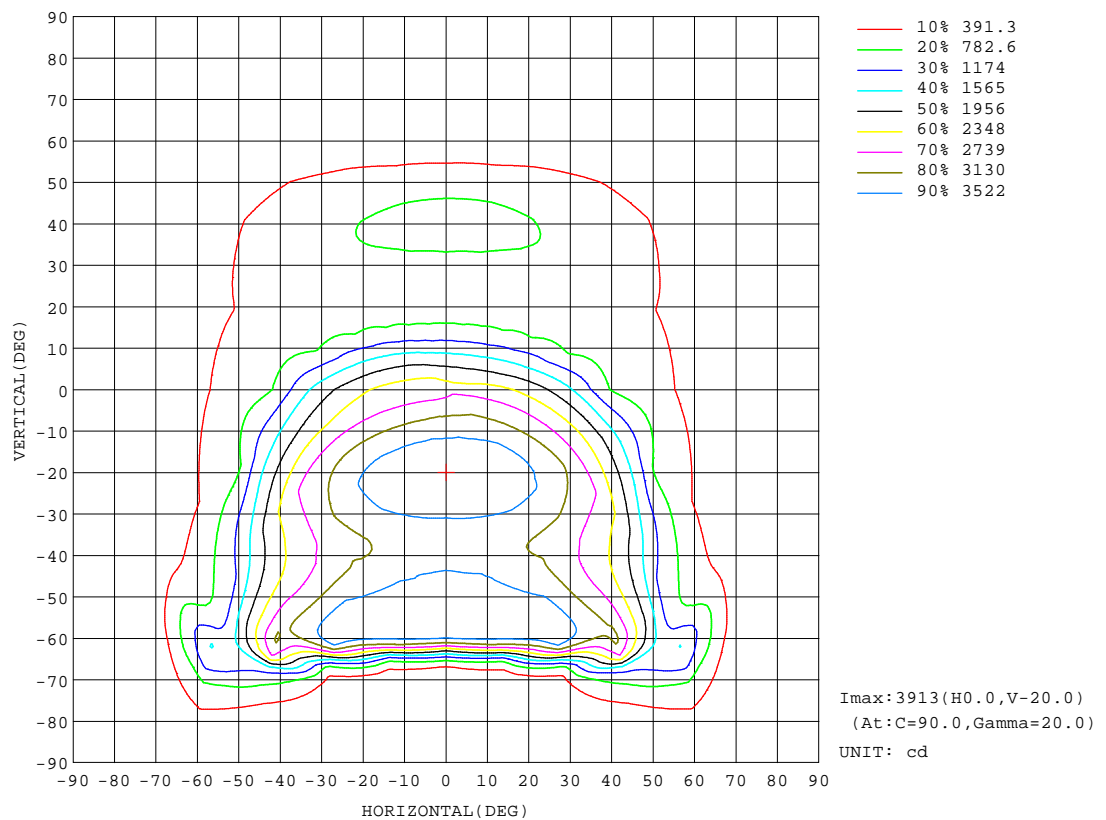
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	70	62
2.00	95	87	80	93	85	80	90	83	78	70
2.50	99	91	86	97	90	85	93	87	83	74
3.00	103	96	90	100	94	89	96	91	87	79
4.00	107	101	97	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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



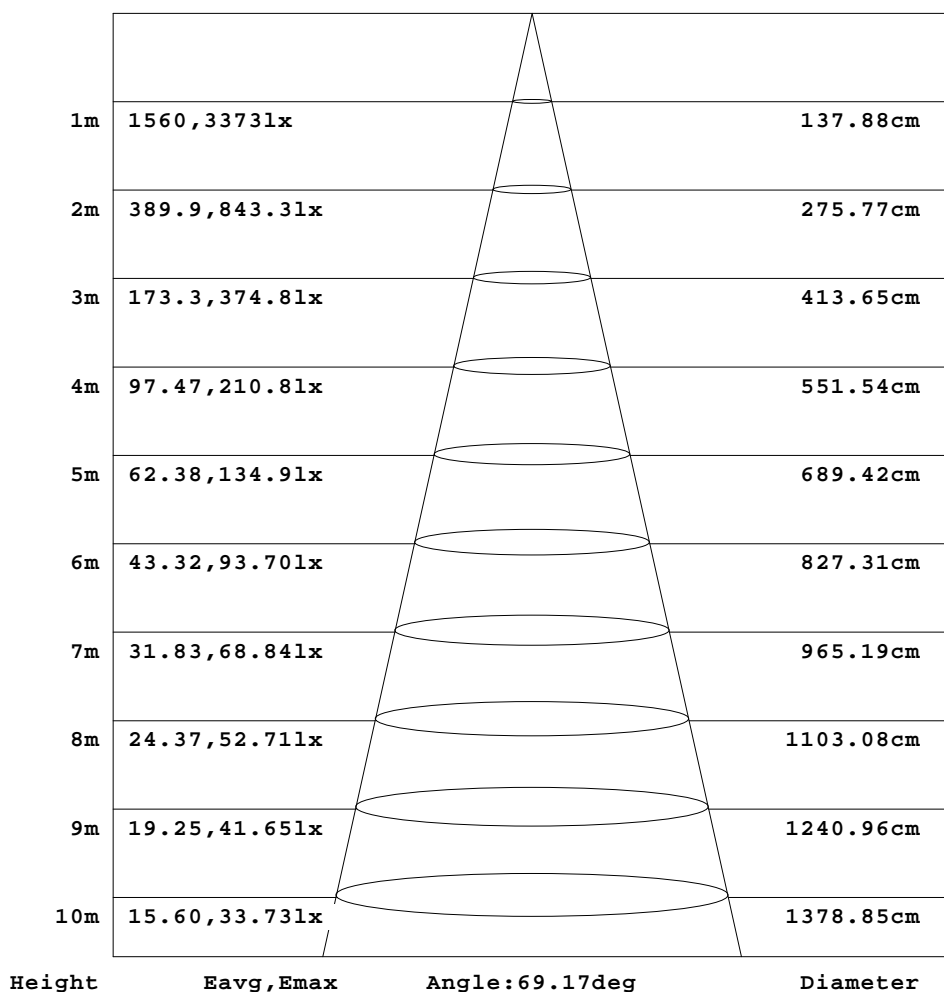
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:2402 lm



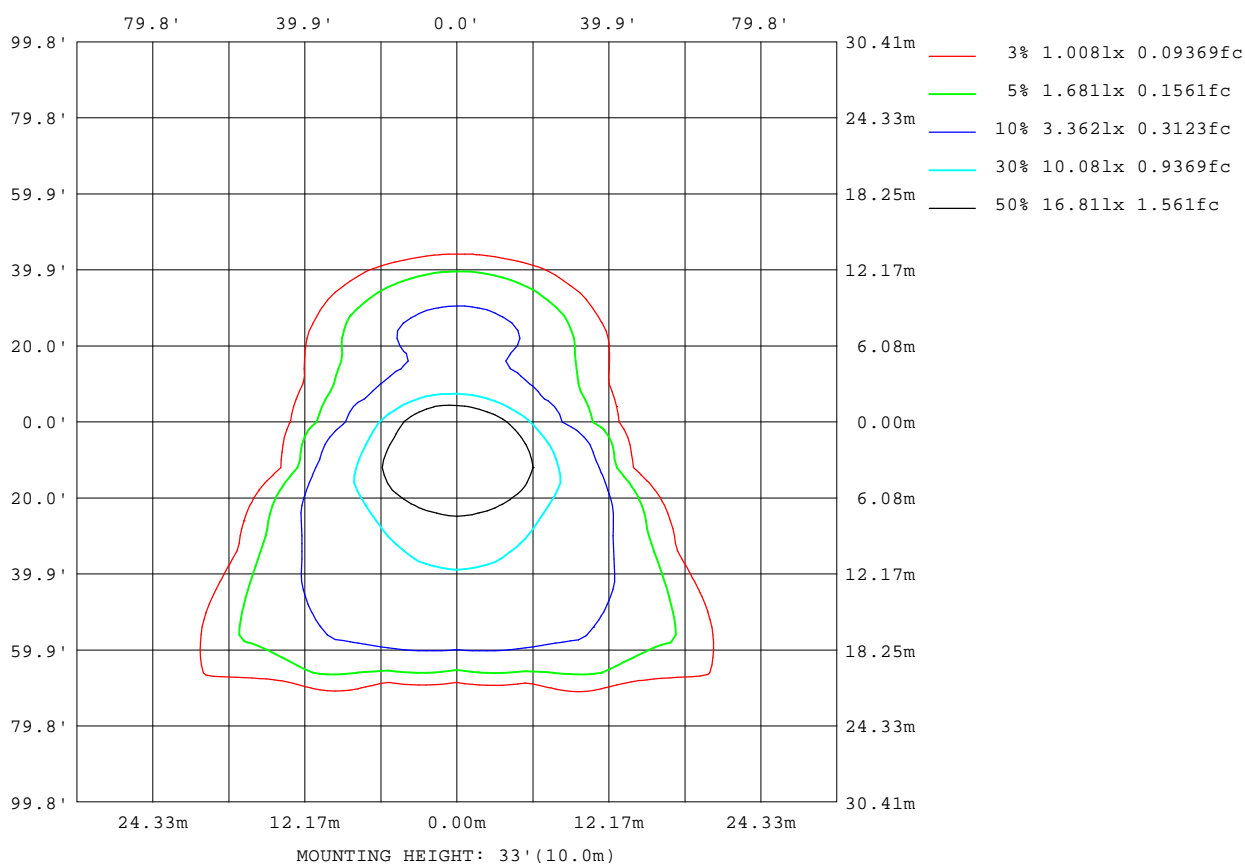
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)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: 2024-06-20

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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

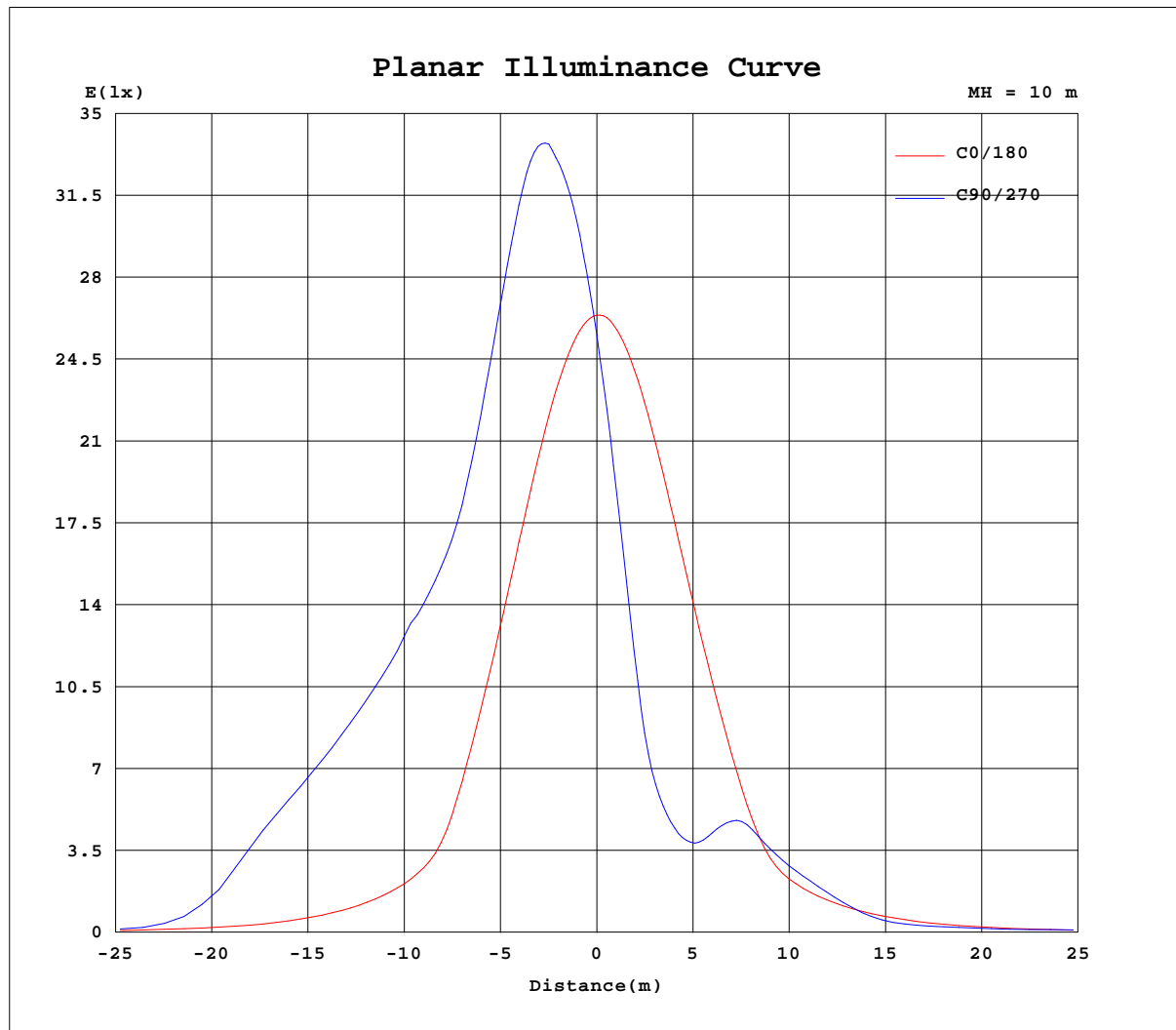
AvgL	cd/m2
L_0~180(65)av	1632
L_0~180(75)av	1144
L_0~180(85)av	674
L_90~270(65)av	4112
L_90~270(75)av	1610
L_90~270(85)av	807
L_45(65)av	11961
L_45(75)av	6792
L_45(85)av	2162

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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)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	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573
5	2539	2657	2776	2878	2962	3017	3035	3022	2969	2893	2791	2667	2561	2434	2319	2208	2114	2055	2036
10	2456	2699	2932	3135	3291	3394	3426	3400	3306	3158	2960	2714	2500	2245	2007	1769	1574	1439	1412
15	2323	2700	3041	3338	3576	3711	3772	3719	3589	3372	3078	2716	2390	2003	1623	1255	1005	876	854
20	2133	2646	3107	3493	3782	3896	3943	3915	3815	3546	3149	2667	2227	1700	1178	806	683	625	614
25	1881	2540	3135	3578	3791	3832	3849	3857	3846	3649	3184	2564	2007	1322	786	620	558	531	533
30	1557	2383	3110	3495	3629	3618	3607	3642	3688	3620	3166	2403	1722	911	615	543	534	597	636
35	1141	2164	3017	3326	3381	3352	3349	3372	3439	3451	3085	2178	1356	668	538	527	669	812	873
40	733	1870	2835	3069	3147	3286	3373	3297	3188	3195	2920	1882	907	564	497	618	802	899	922
45	576	1504	2562	2797	3157	3506	3612	3518	3179	2899	2650	1509	632	493	494	680	772	798	812
50	478	1033	2219	2633	3308	3675	3791	3689	3327	2701	2295	1020	518	428	515	635	661	656	663
55	386	566	1813	2624	3561	3877	3930	3902	3591	2669	1874	589	418	364	476	520	493	386	370
60	291	449	1393	2790	3814	3770	3529	3809	3868	2834	1439	472	319	295	382	361	241	220	226
65	210	337	1060	3045	3516	1424	925	1397	3588	3114	1093	362	234	235	287	178	177	190	196
70	142	247	890	2924	601	283	289	286	604	3055	934	267	163	165	141	135	163	217	233
75	87.8	156	1546	979	236	197	188	197	240	1049	1631	169	103	103	92.2	115	97.7	84.7	80.8
80	46.4	73.8	764	366	132	118	110	117	131	387	811	79.5	57.2	51.6	63.1	56.5	43.0	29.8	27.6
85	15.7	50.4	266	106	58.8	48.8	44.2	47.6	56.8	110	281	61.3	22.2	20.4	17.5	12.9	4.96	1.76	1.21
90	1.32	1.11	15.7	9.94	11.6	11.6	10.4	11.1	9.87	11.0	18.7	1.27	0.95	1.00	1.63	2.38	2.94	2.87	2.50
95	1.76	1.35	1.40	1.36	1.16	1.13	1.13	1.33	1.51	1.58	1.56	1.55	0.79	1.38	2.02	2.75	3.35	3.61	3.73
100	2.41	1.66	1.67	1.72	1.61	1.53	1.53	1.71	1.86	1.93	1.91	1.90	1.01	1.87	2.54	3.20	3.67	3.92	4.18
105	3.23	2.05	2.02	2.12	2.03	1.96	1.96	2.12	2.28	2.35	2.29	2.30	1.31	2.55	3.23	3.84	4.19	4.32	4.62
110	4.19	2.52	2.39	2.53	2.55	2.49	2.51	2.64	2.82	2.79	2.69	2.78	1.74	3.35	4.15	4.59	4.94	4.95	5.21
115	5.26	3.17	2.75	2.91	3.05	3.11	3.17	3.24	3.31	3.19	3.07	3.35	2.25	4.20	5.33	5.49	5.88	5.79	6.01
120	6.40	4.03	3.13	3.18	3.39	3.52	3.63	3.65	3.64	3.48	3.48	4.07	2.80	5.11	6.74	6.65	6.90	6.83	6.86
125	7.56	5.07	3.68	3.43	3.58	3.72	3.83	3.89	3.85	3.77	4.02	4.99	3.41	5.99	8.25	8.46	8.09	8.11	8.11
130	8.74	6.25	4.48	3.82	3.75	3.85	3.97	3.99	4.05	4.19	4.73	6.06	4.12	6.74	9.68	10.7	10.1	9.95	10.1
135	9.90	7.51	5.52	4.45	4.06	3.98	4.07	4.16	4.39	4.82	5.68	7.18	4.93	7.38	10.8	12.7	12.8	12.1	12.1
140	10.9	8.80	6.78	5.43	4.70	4.38	4.36	4.55	5.07	5.77	6.90	8.34	5.84	8.08	11.5	14.3	15.3	14.8	14.2
145	11.8	10.1	8.23	6.76	5.77	5.28	5.25	5.51	6.19	7.12	8.30	9.54	6.82	8.95	11.9	15.1	17.1	17.2	16.8
150	12.6	11.3	9.77	8.39	7.38	6.75	6.69	7.00	7.81	8.75	9.76	10.6	7.85	9.92	12.5	15.3	17.8	18.6	18.6
155	13.2	12.3	11.3	10.2	9.39	8.73	8.67	9.01	9.80	10.5	11.1	11.6	8.97	11.0	13.4	16.0	18.0	18.9	19.0
160	13.6	13.2	12.7	12.1	11.6	11.1	11.1	11.4	11.9	12.3	12.4	12.5	10.1	12.1	14.6	16.8	18.5	19.2	19.2
165	13.9	13.8	13.8	13.7	13.7	13.5	13.7	13.7	13.9	13.8	13.5	13.3	11.2	13.3	15.6	17.6	19.2	19.8	19.8
170	13.9	14.3	14.8	15.2	15.6	15.8	15.9	15.8	15.7	15.2	14.5	13.9	12.2	14.0	16.0	17.9	19.3	20.0	20.0
175	13.8	14.5	15.4	16.3	17.1	17.5	17.6	17.4	16.9	16.0	15.0	14.0	12.9	14.4	16.1	17.6	18.9	19.6	19.6
180	13.4	14.6	15.9	17.1	18.2	18.7	18.8	18.4	17.7	16.6	15.4	14.0	13.4	14.6	15.9	17.1	18.2	18.8	18.8

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:120.05V I:0.3794A P:45.551W PF:0.9958 Freq:59.98Hz Lamp Flux:6941.41x1 lm		
NAME: XWPD(30/45/63)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	2573	2573	2573	2573	2573														
5	2047	2104	2185	2299	2422														
10	1425	1549	1719	1956	2217														
15	872	983	1195	1544	1949														
20	625	684	785	1085	1610														
25	534	562	627	752	1202														
30	608	549	554	615	830														
35	831	702	559	550	654														
40	917	837	678	522	568														
45	817	801	722	540	503														
50	674	687	672	563	443														
55	397	513	547	513	383														
60	225	248	366	407	320														
65	193	182	183	298	252														
70	221	170	142	144	176														
75	86.9	103	124	97.6	105														
80	31.0	45.4	59.3	64.9	54.6														
85	1.75	6.07	13.6	18.6	21.1														
90	2.87	3.26	2.91	2.21	1.21														
95	3.98	3.91	3.25	2.42	1.41														
100	4.48	4.26	3.52	2.71	1.72														
105	4.95	4.62	3.94	3.12	2.11														
110	5.52	5.17	4.52	3.63	2.58														
115	6.20	5.90	5.31	4.19	3.06														
120	6.98	7.13	6.32	4.65	3.58														
125	8.72	8.85	7.06	5.37	4.17														
130	10.6	9.90	7.81	6.41	4.70														
135	11.9	11.0	9.60	7.60	5.22														
140	13.9	13.2	11.5	8.56	5.76														
145	16.3	15.2	12.9	9.39	6.58														
150	18.0	16.5	13.8	10.5	7.77														
155	18.4	17.0	14.7	11.9	9.30														
160	18.6	17.5	15.8	13.5	11.0														
165	19.2	18.2	16.8	14.9	12.6														
170	19.4	18.5	17.3	15.6	13.6														
175	19.1	18.2	17.1	15.6	13.9														
180	18.4	17.7	16.6	15.4	14.0														

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: