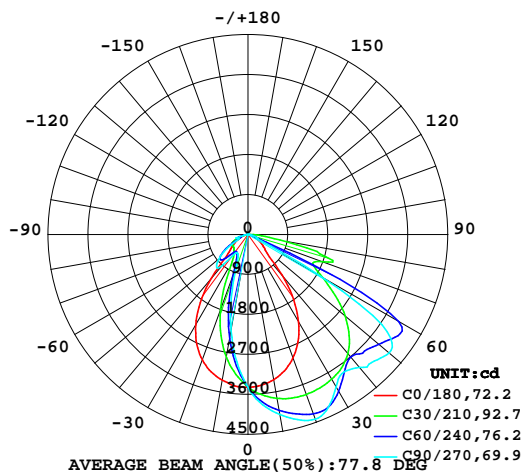


LUMINAIRE PHOTOMETRIC TEST REPORT

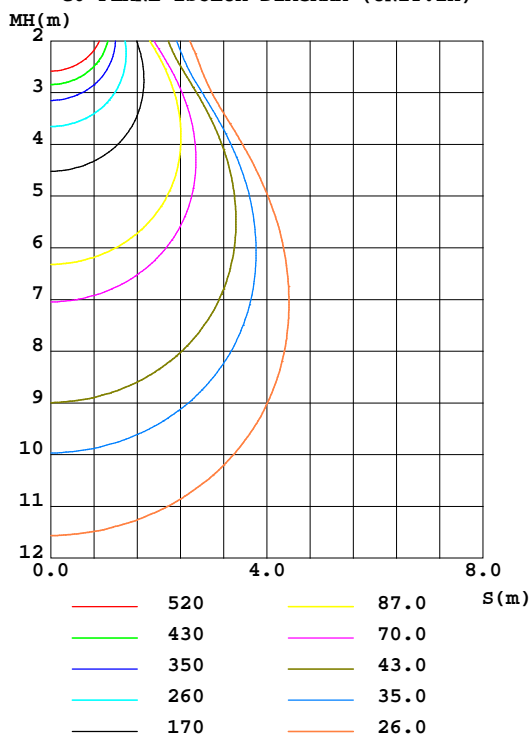
Test:U:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 174.60 lm/W			
MODEL		I _{max} (cd)	4424	S/MH(C0/180)	1.06
NOMINAL POWER(W)	45	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	7907.2	h UP,DN(C0-180)	0.2,78.8
NOMINAL FLUX(lm)	7907.24	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,20.7
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:

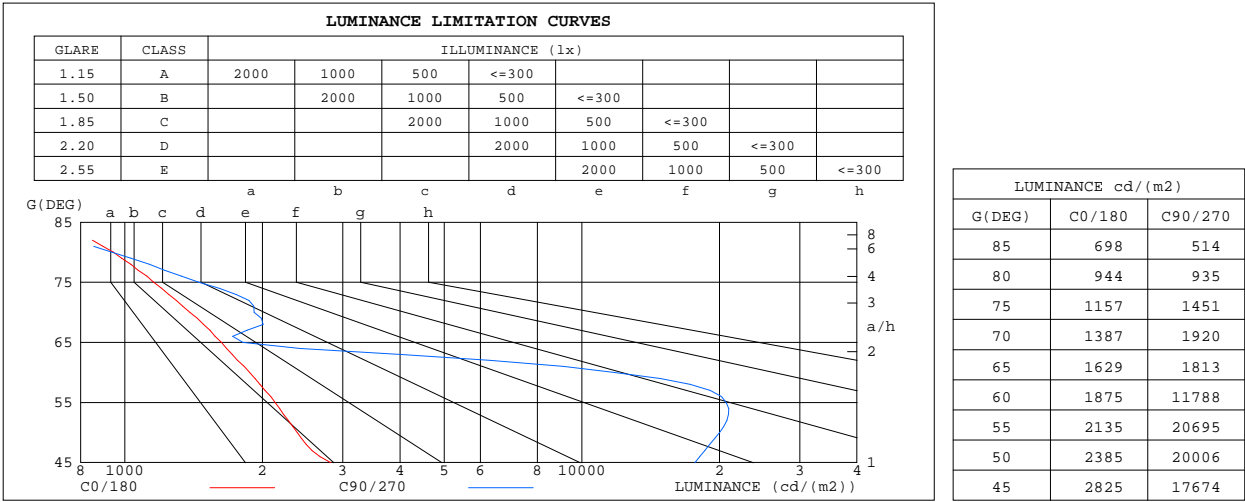
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	3322	3899	4114	3948	3332	2577	2200	2521	0- 10	318.8	318.8	4.03,4.03
20	2963	4107	4422	4189	3007	1332	797.9	1251	10- 20	846.8	1166	14.7,14.7
30	2281	4082	3971	4198	2358	572.8	485.5	559.9	20- 30	1158	2324	29.4,29.4
40	1199	3597	3901	3717	1287	460.8	929.1	466.9	30- 40	1320	3644	46.1,46.1
50	489.2	3250	4146	3366	508.2	631.6	863.6	657.6	40- 50	1489	5133	64.9,64.9
60	299.1	3533	1900	3695	309.6	500.2	365.3	499.8	50- 60	1485	6619	83.7,83.7
70	151.4	2398	211.8	2460	157.1	167.4	270.0	167.7	60- 70	851.4	7470	94.5,94.5
80	52.30	164.7	52.38	162.8	52.86	80.23	63.42	80.26	70- 80	335.8	7806	98.7,98.7
90	1.505	1.386	1.233	1.533	0.7437	2.573	1.489	3.071	80- 90	57.07	7863	99.4,99.4
100	2.757	2.033	2.058	2.179	1.273	3.528	4.064	4.099	90-100	2.431	7865	99.5,99.5
110	5.102	2.790	3.271	2.977	2.347	4.936	5.177	5.187	100-110	3.452	7869	99.5,99.5
120	8.025	3.253	3.884	3.510	3.845	6.758	6.941	7.281	110-120	4.513	7873	99.6,99.6
130	11.05	4.293	3.884	4.590	5.421	10.79	9.609	9.286	120-130	5.558	7879	99.6,99.6
140	13.80	6.985	5.222	7.191	7.481	15.74	14.00	13.11	130-140	6.677	7885	99.7,99.7
150	15.87	11.29	9.099	11.32	9.959	18.48	19.87	16.93	140-150	7.549	7893	99.8,99.8
160	17.14	15.62	14.81	15.32	12.67	20.33	22.36	19.32	150-160	7.187	7900	99.9,99.9
170	17.58	18.89	19.53	18.28	15.37	21.54	23.13	20.77	160-170	5.201	7905	100,100
180	16.95	20.75	22.02	19.84	16.97	20.77	22.03	19.85	170-180	1.884	7907	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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



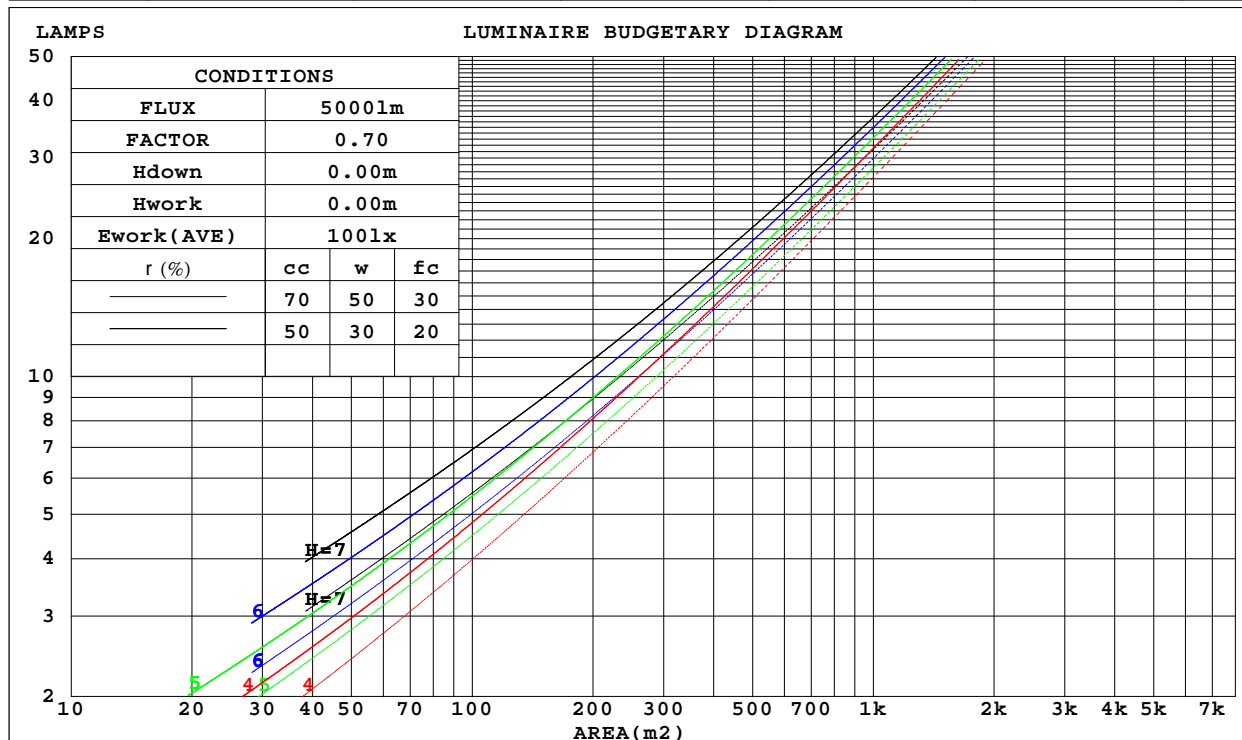
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)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	.92	.86	.81	.90	.85	.80	.87	.82	.78	.84	.79	.76	.80	.77	.74	.72
3.0	.81	.74	.67	.80	.73	.67	.77	.71	.66	.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	.64	.55	.49	.61	.54	.49	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.50	.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	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.43	.35	.31	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.38	.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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)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	.282	.160	.051	.274	.157	.050	.261	.150	.048	.249	.143	.046	.237	.138	.044	
2.0	.272	.149	.046	.266	.146	.045	.254	.141	.044	.243	.136	.043	.233	.132	.042	
3.0	.256	.136	.041	.250	.134	.040	.240	.130	.040	.230	.126	.039	.221	.123	.038	
4.0	.239	.124	.036	.234	.122	.036	.225	.119	.036	.216	.116	.035	.208	.113	.034	
5.0	.222	.113	.033	.218	.112	.033	.210	.109	.032	.202	.107	.032	.195	.104	.031	
6.0	.207	.104	.030	.204	.103	.030	.196	.101	.029	.189	.098	.029	.183	.096	.029	
7.0	.194	.096	.027	.190	.095	.027	.184	.093	.027	.178	.091	.026	.172	.089	.026	
8.0	.182	.089	.025	.178	.088	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024	
9.0	.170	.082	.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	.091	.102	.081	.063	.059	.047	.037	.019	.015	.012	
3.0	.166	.119	.081	.142	.102	.070	.098	.071	.049	.056	.041	.029	.018	.013	.009	
4.0	.159	.105	.064	.136	.091	.056	.094	.063	.039	.054	.037	.023	.017	.012	.008	
5.0	.151	.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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm											
NAME: XWPD(45/63/90)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	13.7	15.2	14.0	15.4	15.6	18.5	20.0	18.8	20.2	20.4	
	3H	13.9	15.3	14.2	15.5	15.7	18.3	19.7	18.6	19.9	20.2
	4H	13.9	15.1	14.2	15.4	15.7	18.2	19.5	18.5	19.8	20.0
	6H	13.8	15.0	14.1	15.3	15.6	18.1	19.3	18.5	19.6	19.9
	8H	13.8	14.9	14.1	15.2	15.5	18.1	19.2	18.4	19.5	19.8
	12H	13.7	14.8	14.1	15.1	15.4	18.0	19.1	18.4	19.4	19.8
4H	2H	17.2	18.4	17.5	18.7	19.0	19.5	20.8	19.8	21.0	21.3
	3H	18.3	19.5	18.7	19.8	20.1	19.4	20.5	19.8	20.8	21.1
	4H	18.8	19.8	19.1	20.1	20.4	19.3	20.3	19.7	20.7	21.0
	6H	18.8	19.7	19.2	20.0	20.4	19.2	20.1	19.6	20.5	20.9
	8H	18.7	19.6	19.1	19.9	20.3	19.2	20.0	19.6	20.4	20.8
	12H	18.7	19.4	19.1	19.8	20.3	19.1	19.9	19.6	20.3	20.7
8H	4H	19.1	19.9	19.5	20.3	20.7	19.5	20.4	20.0	20.7	21.1
	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	19.9	20.5	21.0	19.4	20.0	19.9	20.5	20.9
	12H	19.5	20.0	19.9	20.4	20.9	19.4	19.9	19.9	20.4	20.9
12H	4H	19.1	19.8	19.5	20.2	20.6	19.6	20.3	20.0	20.7	21.1
	6H	19.4	20.0	19.9	20.4	20.9	19.5	20.1	20.0	20.5	21.0
	8H	19.5	20.0	20.0	20.5	21.0	19.5	20.0	20.0	20.4	20.9
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.8 / - 0.6					+ 0.7 / - 0.7					
1.5H	+ 1.1 / - 1.0					+ 2.0 / - 2.6					
2.0H	+ 0.6 / - 1.8					+ 1.6 / - 2.4					

CIE Pub.117, 7907 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 7.2)
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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

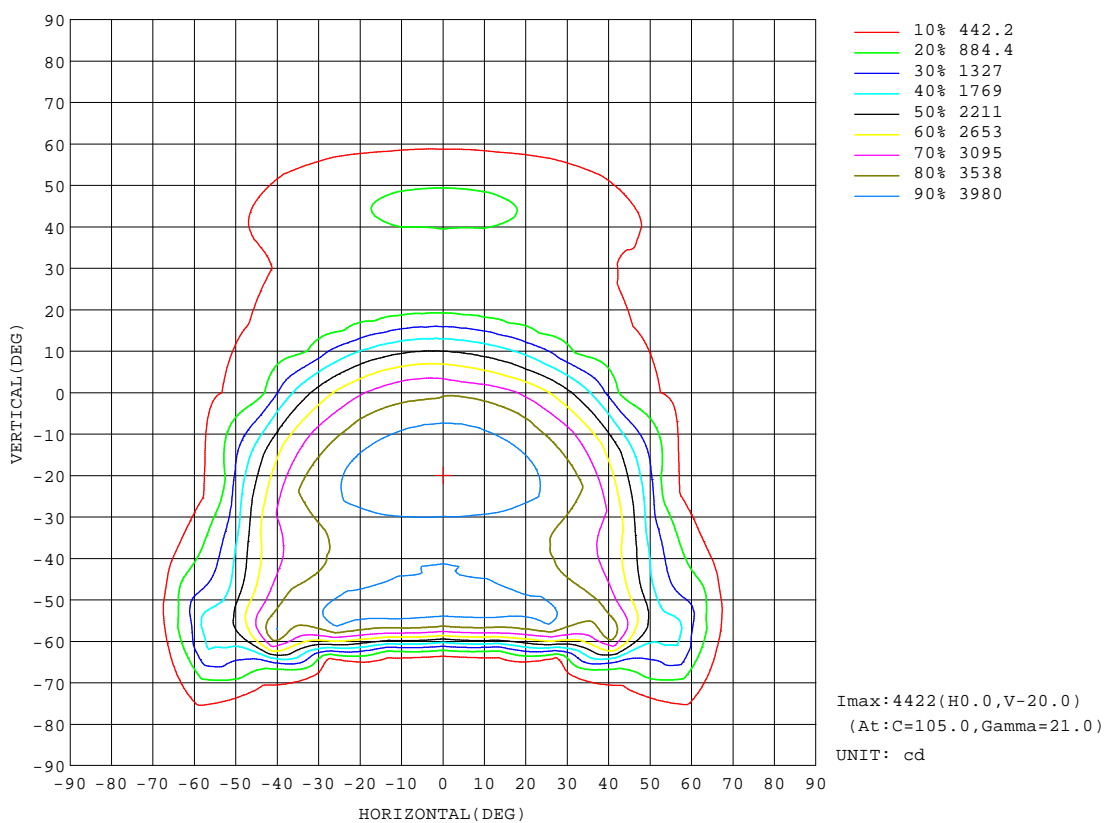
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	57	50	67	56	49	65	56	49	42
1.00	77	67	59	76	66	59	74	67	59	52
1.25	85	75	68	83	74	67	80	72	66	59
1.50	90	80	74	88	79	73	85	77	72	65
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	89	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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



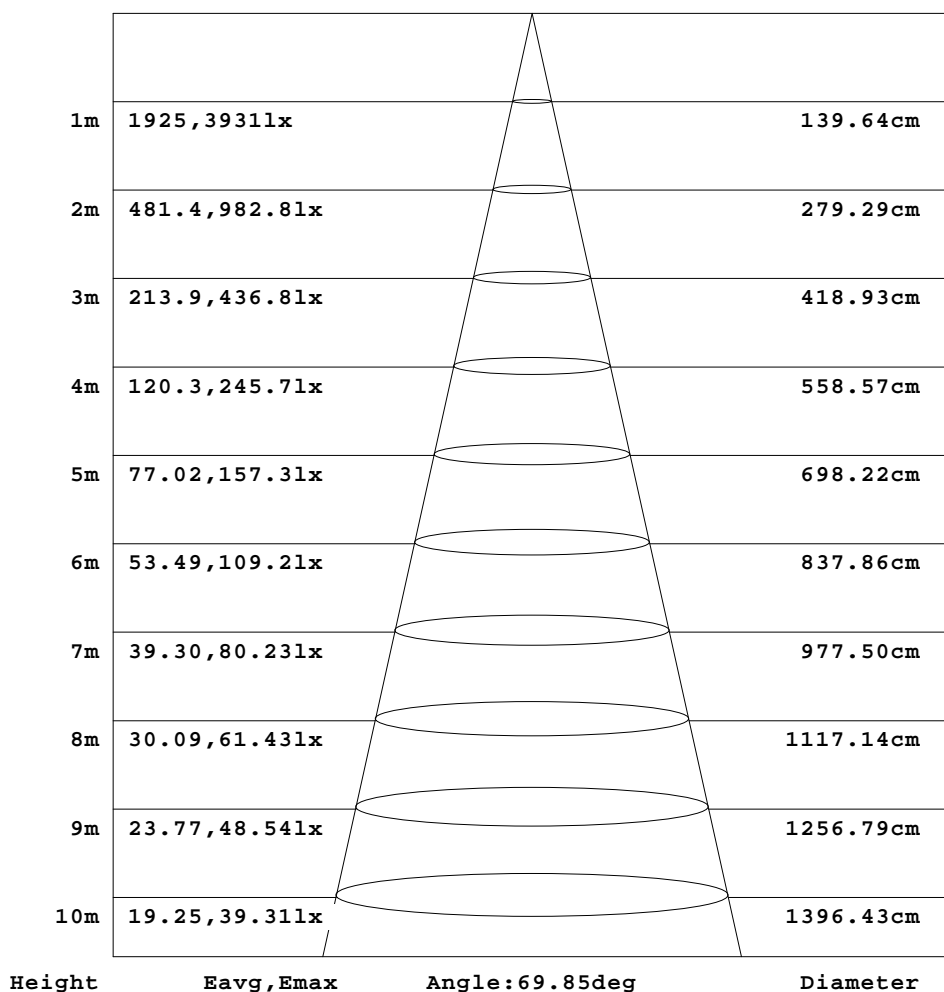
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:2966 lm



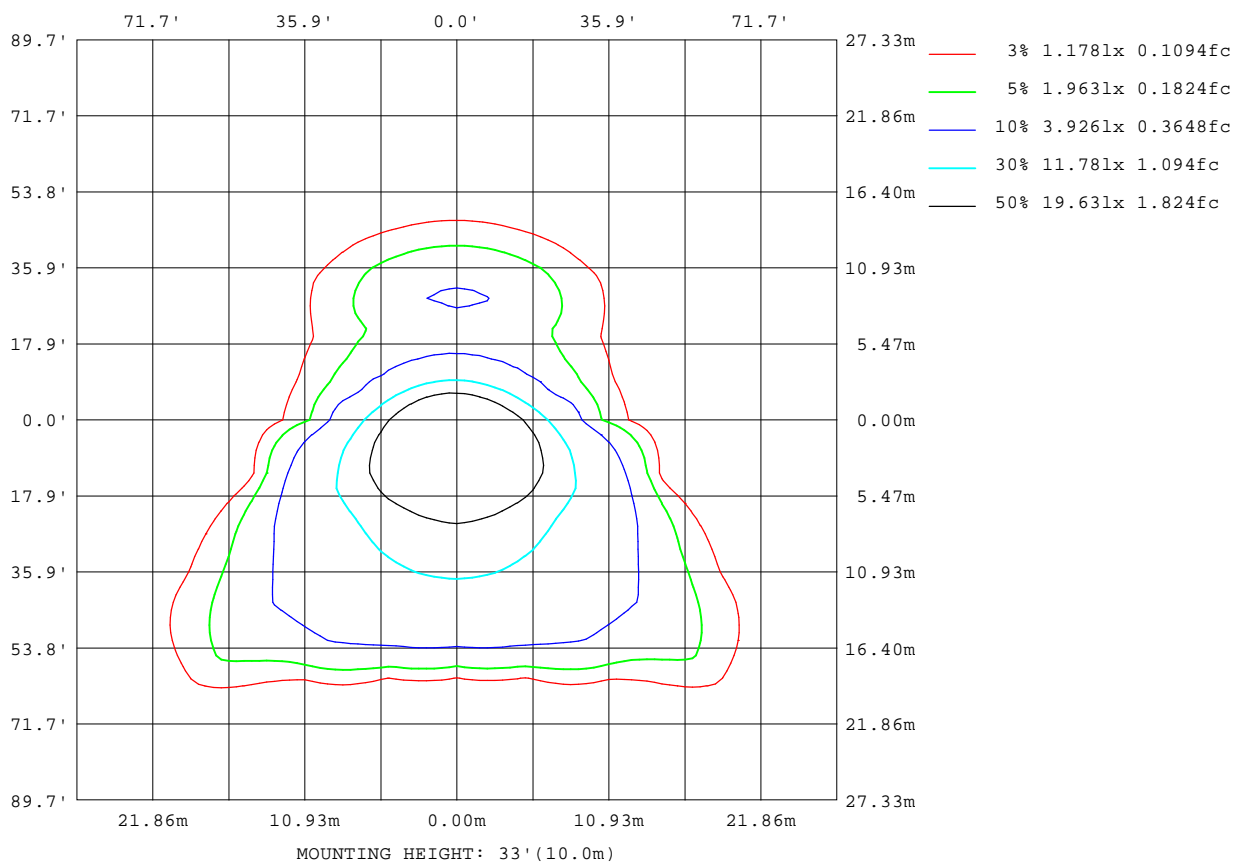
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)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: 2024-06-20

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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

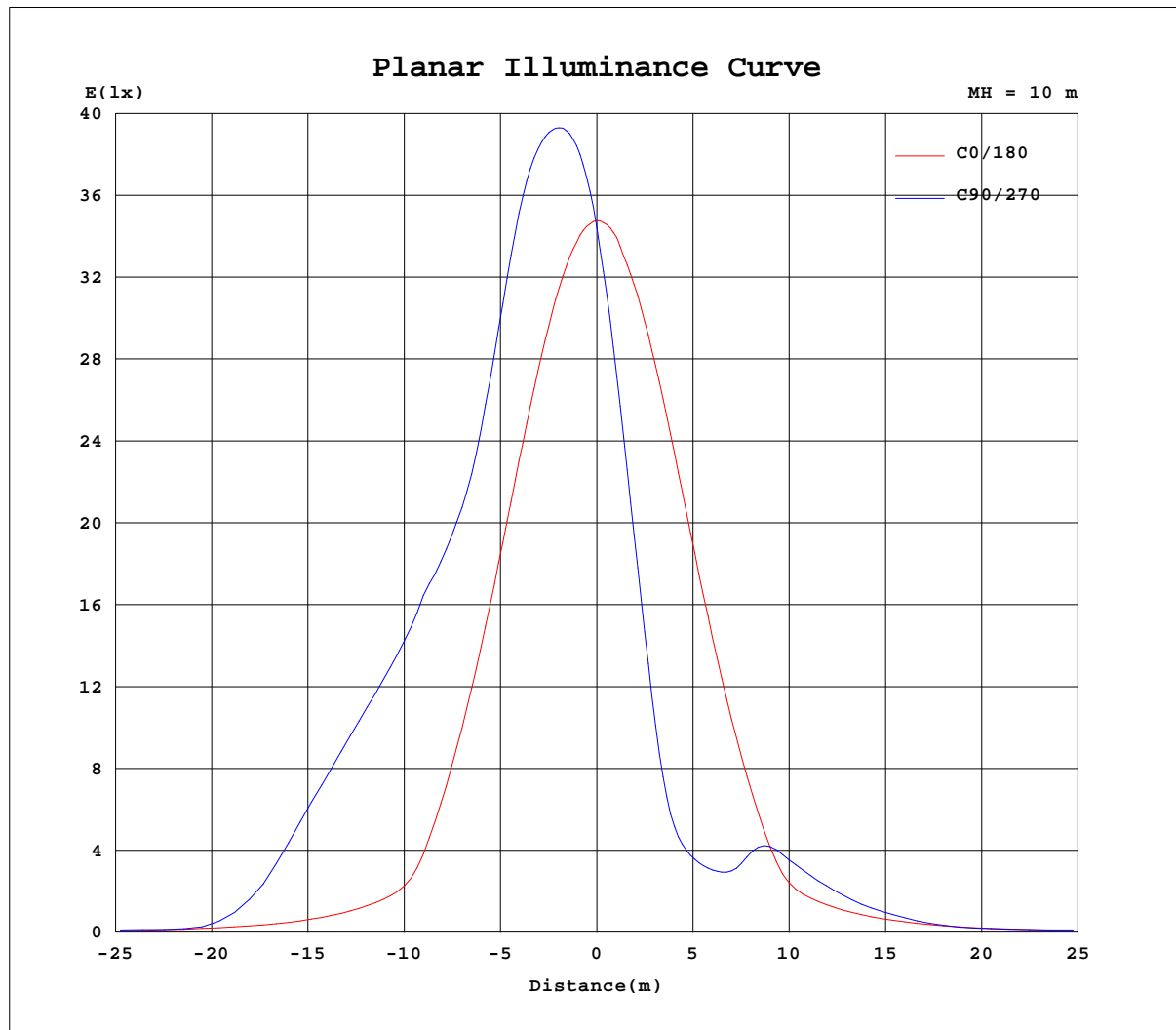
AvgL	cd/m2
L_0~180(65)av	1641
L_0~180(75)av	1161
L_0~180(85)av	677
L_90~270(65)av	1715
L_90~270(75)av	1799
L_90~270(85)av	553
L_45(65)av	15577
L_45(75)av	4225
L_45(85)av	1219

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:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)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	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442	3442
5	3409	3524	3621	3714	3786	3820	3845	3831	3806	3738	3673	3541	3423	3300	3159	3069	2975	2920	2891
10	3322	3557	3744	3899	4017	4078	4114	4096	4052	3948	3819	3594	3332	3088	2808	2577	2381	2252	2200
15	3177	3542	3813	4023	4181	4268	4313	4293	4225	4092	3904	3592	3204	2792	2357	1984	1706	1520	1458
20	2963	3478	3833	4107	4295	4385	4422	4423	4353	4189	3943	3541	3007	2411	1822	1332	1016	842	798
25	2669	3342	3817	4146	4284	4295	4291	4339	4364	4242	3938	3413	2728	1935	1222	773	624	551	539
30	2281	3174	3764	4082	4077	3999	3971	4047	4172	4198	3901	3251	2358	1370	722	573	499	484	485
35	1800	2938	3672	3884	3781	3734	3778	3774	3873	4013	3819	3016	1880	798	560	492	470	514	548
40	1199	2612	3499	3597	3604	3805	3901	3845	3682	3717	3655	2683	1287	580	494	461	571	820	929
45	637	2182	3226	3343	3716	3944	4030	3985	3794	3465	3384	2240	679	494	450	537	807	980	1005
50	489	1648	2861	3250	3849	4087	4146	4135	3936	3366	3014	1691	508	424	435	632	833	860	864
55	391	944	2400	3365	4039	3998	3827	4057	4137	3499	2536	940	406	358	428	634	681	638	633
60	299	445	1942	3533	3921	2534	1900	2582	4031	3695	2067	469	310	288	422	500	465	389	365
65	220	349	1618	3849	1625	400	247	409	1675	4029	1766	369	228	225	356	311	230	216	220
70	151	257	1797	2398	197	216	212	222	210	2460	2040	275	157	174	208	167	189	248	270
75	95.5	164	1671	552	139	130	121	133	146	556	1810	174	98.2	118	116	150	216	193	179
80	52.3	81.8	737	165	66.5	58.4	52.4	60.1	69.8	163	770	86.6	52.9	59.9	84.1	80.2	77.6	67.5	63.4
85	19.4	65.7	244	36.6	18.1	15.6	14.4	16.3	19.5	37.5	254	77.0	18.7	24.3	26.8	32.0	25.5	18.0	16.6
90	1.50	1.18	1.57	1.39	1.24	1.18	1.23	1.43	1.57	1.53	1.67	1.25	0.74	1.20	1.95	2.57	2.75	2.06	1.49
95	1.98	1.39	1.53	1.69	1.65	1.59	1.62	1.78	1.87	1.80	1.71	1.54	0.96	1.67	2.38	3.06	3.41	3.32	3.06
100	2.76	1.69	1.81	2.03	2.09	2.04	2.06	2.19	2.26	2.18	2.03	1.88	1.27	2.29	2.93	3.53	3.84	3.94	4.06
105	3.81	2.07	2.15	2.43	2.59	2.59	2.62	2.71	2.75	2.59	2.40	2.30	1.72	3.11	3.63	4.16	4.30	4.35	4.59
110	5.10	2.66	2.46	2.79	3.06	3.18	3.27	3.30	3.23	2.98	2.75	2.86	2.35	4.10	4.54	4.94	4.99	4.89	5.18
115	6.52	3.56	2.78	3.04	3.36	3.58	3.70	3.71	3.56	3.27	3.12	3.61	3.10	5.19	5.75	5.78	5.90	5.69	5.95
120	8.03	4.76	3.30	3.25	3.52	3.74	3.88	3.89	3.74	3.51	3.64	4.60	3.85	6.38	7.31	6.76	7.01	6.71	6.94
125	9.57	6.21	4.16	3.60	3.65	3.79	3.94	3.93	3.86	3.90	4.42	5.89	4.60	7.61	9.09	8.43	8.00	7.97	7.94
130	11.0	7.83	5.41	4.29	3.92	3.83	3.88	3.98	4.18	4.59	5.56	7.35	5.42	8.76	11.0	10.8	9.59	9.47	9.61
135	12.5	9.57	6.97	5.39	4.65	4.25	4.18	4.42	4.93	5.65	7.02	8.84	6.40	9.67	12.6	13.4	12.2	11.5	11.7
140	13.8	11.3	8.80	6.98	5.93	5.29	5.22	5.48	6.18	7.19	8.73	10.4	7.48	10.5	13.9	15.7	15.3	14.3	14.0
145	14.9	13.0	10.8	9.01	7.80	6.99	6.84	7.17	8.04	9.18	10.6	11.8	8.67	11.4	14.7	17.5	18.1	17.4	16.9
150	15.9	14.4	12.8	11.3	10.2	9.29	9.10	9.46	10.4	11.3	12.4	13.1	9.96	12.5	15.4	18.5	20.1	20.2	19.9
155	16.6	15.6	14.6	13.5	12.8	12.1	11.9	12.2	12.9	13.4	13.9	14.2	11.3	13.8	16.6	19.3	21.0	21.7	21.7
160	17.1	16.6	16.1	15.6	15.3	14.9	14.8	15.0	15.2	15.3	15.4	15.3	12.7	15.2	18.0	20.3	21.8	22.4	22.4
165	17.5	17.4	17.4	17.4	17.5	17.4	17.4	17.4	17.3	16.9	16.5	16.1	14.2	16.7	19.2	21.3	22.6	23.1	23.0
170	17.6	18.0	18.4	18.9	19.3	19.5	19.5	19.3	19.0	18.3	17.6	16.9	15.4	17.6	19.8	21.5	22.7	23.2	23.1
175	17.4	18.3	19.1	20.0	20.7	21.0	21.0	20.7	20.1	19.2	18.3	17.2	16.3	18.1	19.8	21.3	22.3	22.8	22.7
180	16.9	18.3	19.6	20.8	21.7	22.1	22.0	21.6	20.9	19.8	18.8	17.3	17.0	18.3	19.6	20.8	21.7	22.1	22.0

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.3772A P:45.287W PF:0.9882 Freq:59.98Hz Lamp Flux:7907.24x1 lm		
NAME: XWPD(45/63/90)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	3442	3442	3442	3442	3442														
5	2903	2949	3042	3152	3276														
10	2229	2335	2521	2768	3040														
15	1492	1648	1913	2290	2719														
20	821	965	1251	1740	2312														
25	547	605	733	1125	1824														
30	484	495	560	690	1247														
35	524	474	483	553	738														
40	847	599	467	492	565														
45	985	837	567	454	488														
50	859	838	658	452	422														
55	635	672	648	457	358														
60	381	453	500	443	290														
65	216	223	301	364	231														
70	251	192	168	206	180														
75	188	213	152	118	120														
80	66.6	75.8	80.3	86.8	60.8														
85	16.8	23.6	31.0	28.7	25.7														
90	1.93	2.97	3.07	2.59	1.41														
95	3.46	4.01	3.68	2.94	1.69														
100	4.47	4.71	4.10	3.28	2.07														
105	5.12	5.24	4.55	3.72	2.56														
110	5.78	5.81	5.19	4.31	3.10														
115	6.56	6.60	6.04	4.99	3.69														
120	7.39	7.65	7.28	5.54	4.32														
125	8.54	9.43	8.35	6.25	5.03														
130	10.7	11.2	9.29	7.41	5.79														
135	12.5	12.2	10.7	9.01	6.45														
140	14.3	14.2	13.1	10.6	7.17														
145	17.0	16.8	15.3	11.9	8.17														
150	19.7	19.1	16.9	13.3	9.70														
155	21.4	20.4	18.1	14.9	11.6														
160	22.1	21.1	19.3	16.8	13.7														
165	22.6	21.8	20.4	18.4	15.7														
170	22.7	21.9	20.8	19.2	16.8														
175	22.3	21.5	20.4	19.1	17.2														
180	21.6	20.9	19.9	18.8	17.3														

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: