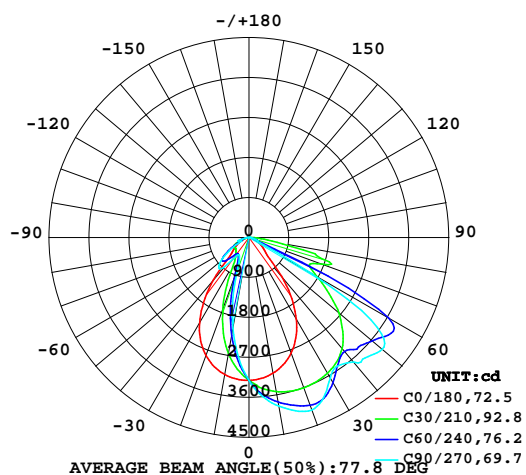


LUMINAIRE PHOTOMETRIC TEST REPORT

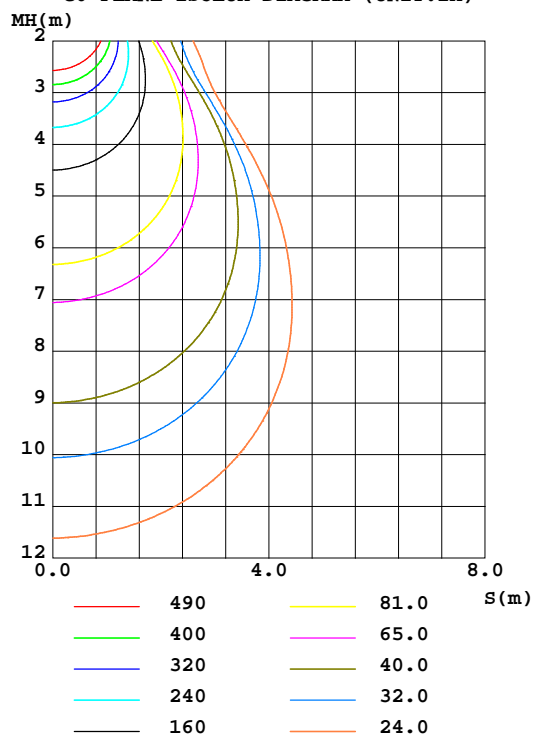
Test:U:120.05V I:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.59 lm/W			
MODEL		I _{max} (cd)	4131	S/MH(C0/180)	1.07
NOMINAL POWER(W)	45	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	7361.1	h UP,DN(C0-180)	0.2,78.5
NOMINAL FLUX(lm)	7361.15	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,20.9
LAMPS INSIDE	1	h up(%)	0.6	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	h down(%)	99.4	CIBSE SHR MAX	0.95

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:2024-06-28

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:

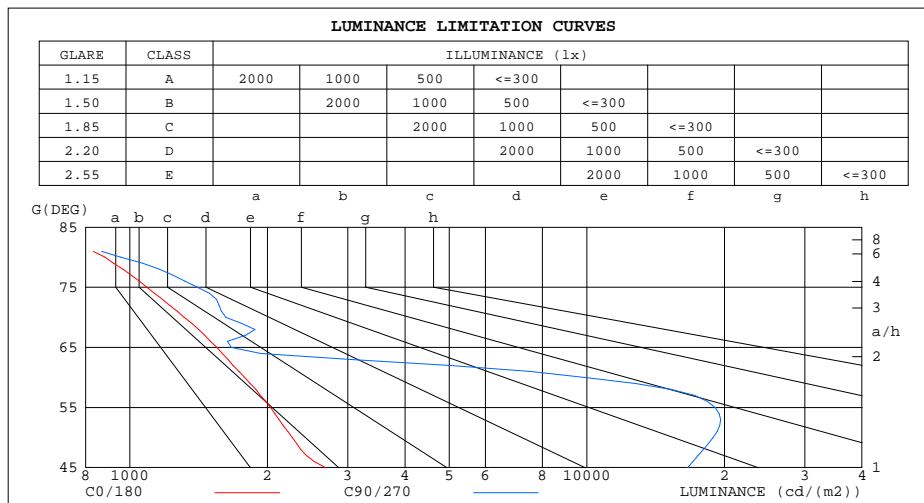
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	3106	3638	3848	3679	3133	2419	2079	2363	0- 10	298.5	298.5	4.05,4.05
20	2774	3833	4131	3899	2833	1278	778.2	1192	10- 20	794.3	1093	14.8,14.8
30	2135	3792	3659	3889	2226	541.2	457.3	529.5	20- 30	1084	2177	29.6,29.6
40	1143	3306	3665	3405	1250	440.3	856.0	448.2	30- 40	1230	3407	46.3,46.3
50	466.8	3021	3916	3119	483.1	599.8	833.5	626.8	40- 50	1394	4801	65.2,65.2
60	285.7	3321	1597	3460	293.4	469.7	343.2	462.6	50- 60	1388	6188	84.1,84.1
70	144.2	1970	178.9	1989	148.1	148.3	231.4	148.7	60- 70	775.4	6964	94.6,94.6
80	49.06	152.9	53.42	151.6	50.08	72.90	54.35	71.92	70- 80	303.2	7267	98.7,98.7
90	1.412	1.261	1.121	1.437	0.7049	2.367	1.271	2.819	80- 90	52.80	7320	99.4,99.4
100	2.619	1.900	1.918	2.031	1.218	3.265	3.753	3.791	90-100	2.248	7322	99.5,99.5
110	4.838	2.607	3.089	2.804	2.232	4.563	4.801	4.806	100-110	3.224	7325	99.5,99.5
120	7.602	3.054	3.671	3.300	3.615	6.222	6.393	6.722	110-120	4.211	7329	99.6,99.6
130	10.43	4.055	3.655	4.323	5.083	9.863	8.813	8.624	120-130	5.183	7335	99.6,99.6
140	12.98	6.621	4.963	6.782	7.000	14.52	12.89	12.10	130-140	6.229	7341	99.7,99.7
150	14.93	10.64	8.654	10.65	9.333	17.18	18.38	15.76	140-150	7.057	7348	99.8,99.8
160	16.14	14.65	13.97	14.33	11.89	18.86	20.82	17.94	150-160	6.730	7355	99.9,99.9
170	16.54	17.64	18.26	17.04	14.45	19.99	21.50	19.27	160-170	4.859	7359	100,100
180	15.95	19.31	20.49	18.45	15.96	19.33	20.50	18.44	170-180	1.758	7361	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:2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



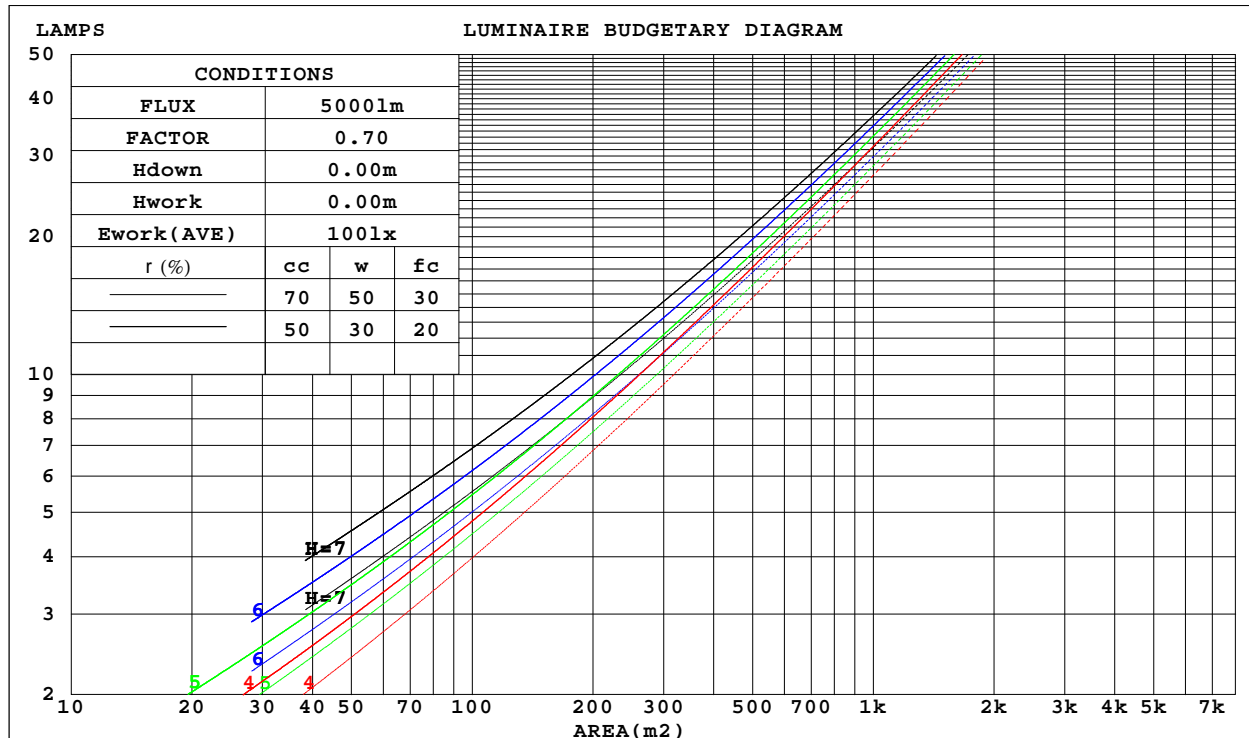
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)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	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.92	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.74	.69	.65	.72	.67	.63	.61
4.0	.72	.64	.58	.71	.63	.57	.69	.62	.56	.66	.60	.55	.64	.59	.55	.53
5.0	.65	.56	.50	.64	.55	.49	.61	.54	.49	.59	.53	.48	.58	.52	.48	.46
6.0	.58	.50	.43	.57	.49	.43	.56	.48	.43	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.32
9.0	.44	.36	.31	.44	.36	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)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	.280	.159	.051	.273	.156	.050	.260	.149	.048	.247	.143	.046	.236	.137	.044	
2.0	.271	.149	.046	.265	.146	.045	.253	.141	.044	.242	.136	.043	.232	.131	.041	
3.0	.255	.136	.041	.250	.134	.040	.239	.130	.039	.229	.126	.039	.220	.122	.038	
4.0	.238	.124	.036	.233	.122	.036	.224	.119	.035	.215	.116	.035	.207	.113	.034	
5.0	.222	.113	.033	.218	.112	.033	.209	.109	.032	.202	.106	.032	.194	.104	.031	
6.0	.207	.104	.030	.203	.103	.030	.196	.100	.029	.189	.098	.029	.182	.096	.029	
7.0	.193	.096	.027	.190	.095	.027	.183	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.089	.025	.178	.088	.025	.172	.086	.025	.167	.084	.024	.161	.083	.024	
9.0	.170	.082	.023	.167	.082	.023	.162	.080	.023	.157	.079	.023	.152	.077	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.148	.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	.042	.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	.144	.086	.045	.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:2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm											
NAME: XWPD(45/63/90)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	13.7	15.1	14.0	15.4	15.6	18.4	19.9	18.7	20.1	20.3	
	3H	13.9	15.2	14.2	15.5	15.7	18.2	19.6	18.5	19.8	20.1
	4H	13.8	15.1	14.2	15.4	15.6	18.1	19.4	18.5	19.7	19.9
	6H	13.8	15.0	14.1	15.3	15.5	18.0	19.2	18.4	19.5	19.8
	8H	13.7	14.9	14.1	15.2	15.5	18.0	19.2	18.3	19.4	19.7
	12H	13.7	14.8	14.1	15.1	15.4	17.9	19.1	18.3	19.4	19.7
4H	2H	17.1	18.4	17.4	18.6	18.9	19.4	20.7	19.7	20.9	21.2
	3H	18.3	19.4	18.7	19.7	20.0	19.3	20.4	19.6	20.7	21.0
	4H	18.8	19.8	19.1	20.1	20.4	19.2	20.2	19.6	20.5	20.9
	6H	18.7	19.6	19.1	20.0	20.4	19.1	20.0	19.5	20.4	20.7
	8H	18.7	19.5	19.1	19.9	20.3	19.1	19.9	19.5	20.3	20.7
	12H	18.7	19.4	19.1	19.8	20.2	19.0	19.8	19.5	20.2	20.6
8H	4H	19.1	19.9	19.5	20.3	20.6	19.4	20.2	19.8	20.6	21.0
	6H	19.3	20.0	19.8	20.4	20.9	19.4	20.0	19.8	20.4	20.9
	8H	19.4	20.0	19.8	20.4	20.9	19.3	19.9	19.8	20.3	20.8
	12H	19.4	19.9	19.9	20.3	20.8	19.3	19.8	19.8	20.2	20.7
12H	4H	19.0	19.8	19.4	20.2	20.6	19.4	20.2	19.9	20.6	21.0
	6H	19.3	19.9	19.8	20.3	20.8	19.4	20.0	19.8	20.4	20.9
	8H	19.4	19.9	19.9	20.4	20.9	19.3	19.9	19.8	20.3	20.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.8 / - 0.7					+ 0.9 / - 0.9					
1.5H	+ 1.3 / - 1.2					+ 2.1 / - 2.7					
2.0H	+ 0.8 / - 1.9					+ 1.7 / - 2.3					

CIE Pub.117, 7361 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:2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

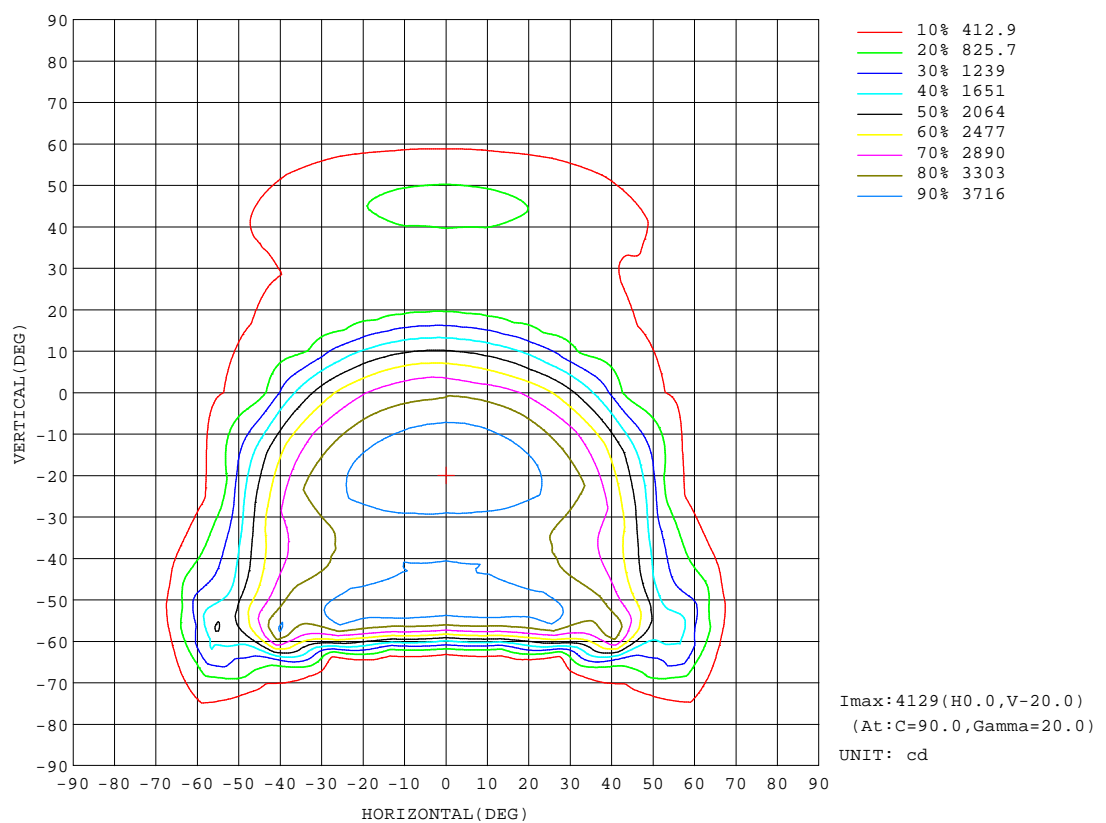
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	45	39	33
0.80	68	57	50	67	57	50	66	56	49	42
1.00	77	67	60	76	66	59	74	67	59	52
1.25	85	75	68	83	74	67	81	72	67	60
1.50	90	80	74	88	79	73	85	78	72	65
2.00	97	89	83	95	87	82	91	85	80	73
2.50	100	93	87	98	92	86	94	89	85	76
3.00	103	97	92	101	96	91	97	93	89	80
4.00	107	102	98	105	100	96	101	97	93	85
5.00	109	105	101	107	103	100	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:2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



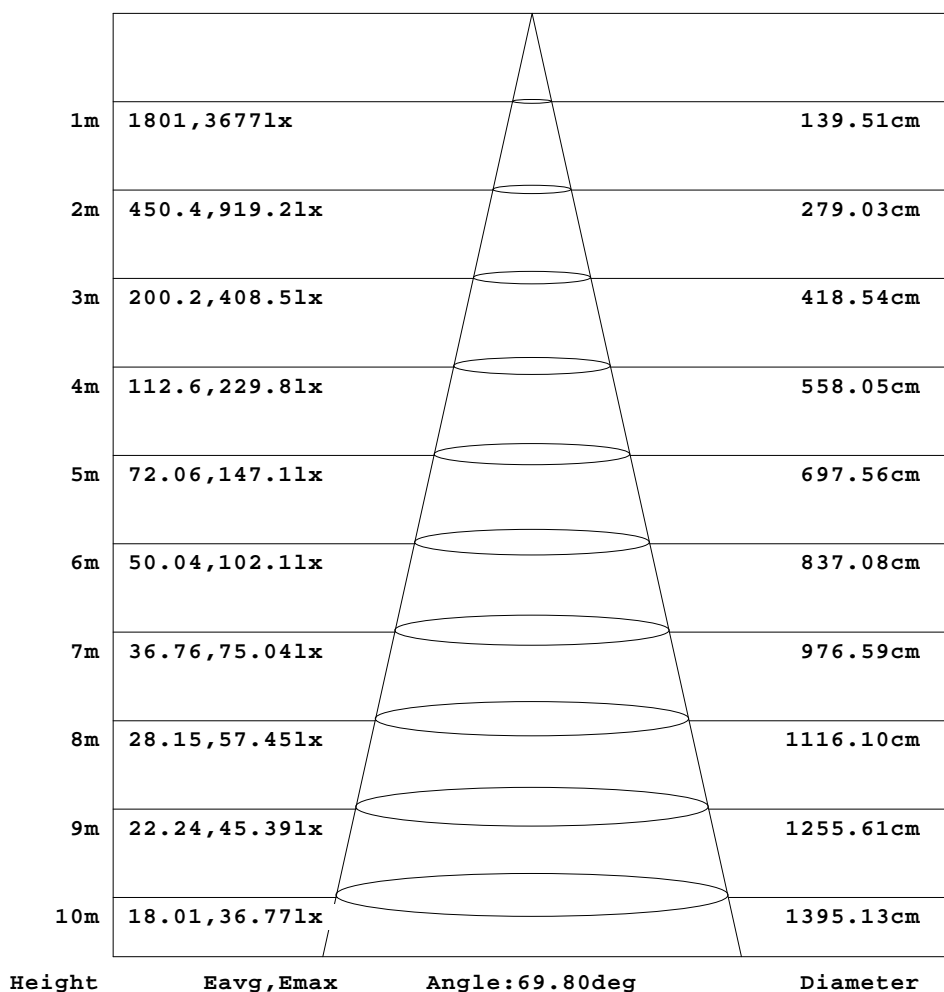
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:2775 lm



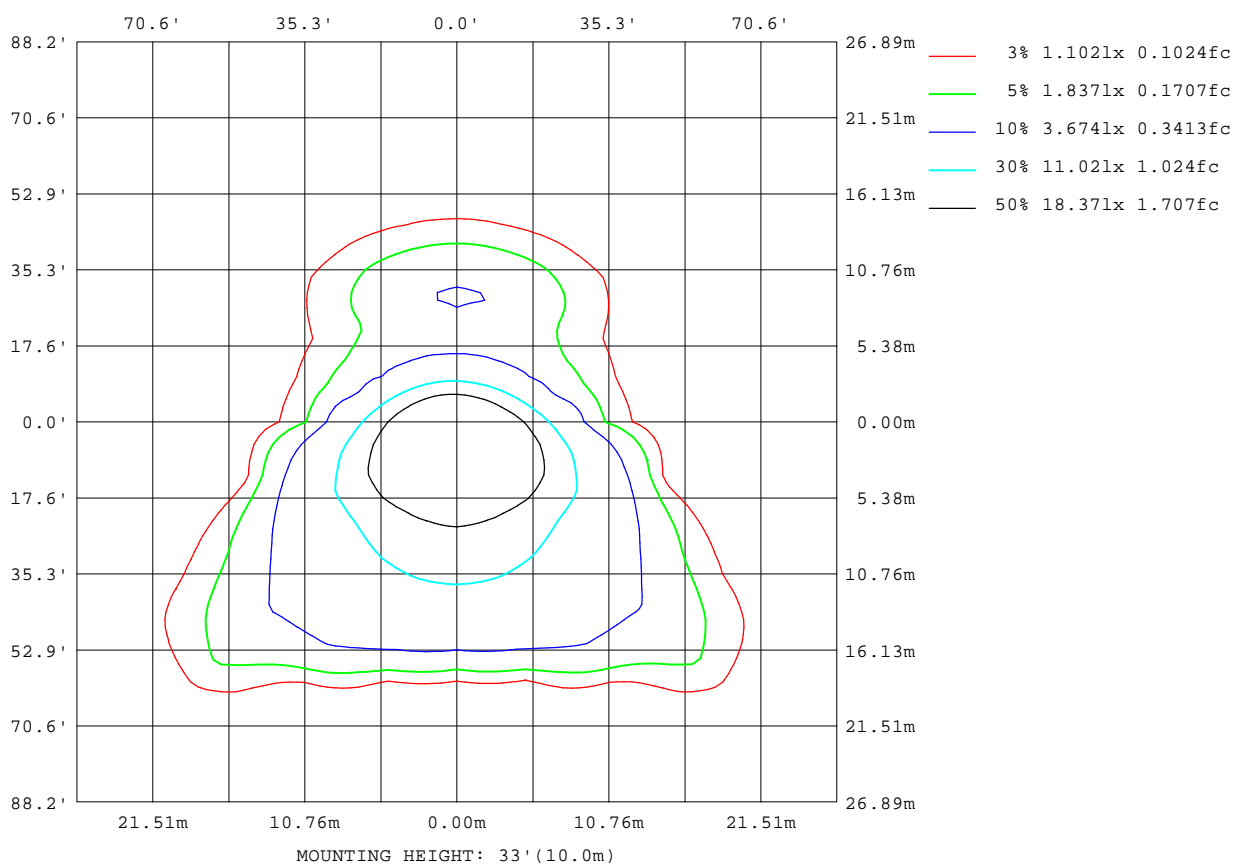
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Richard
 Test Date:2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)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: 2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

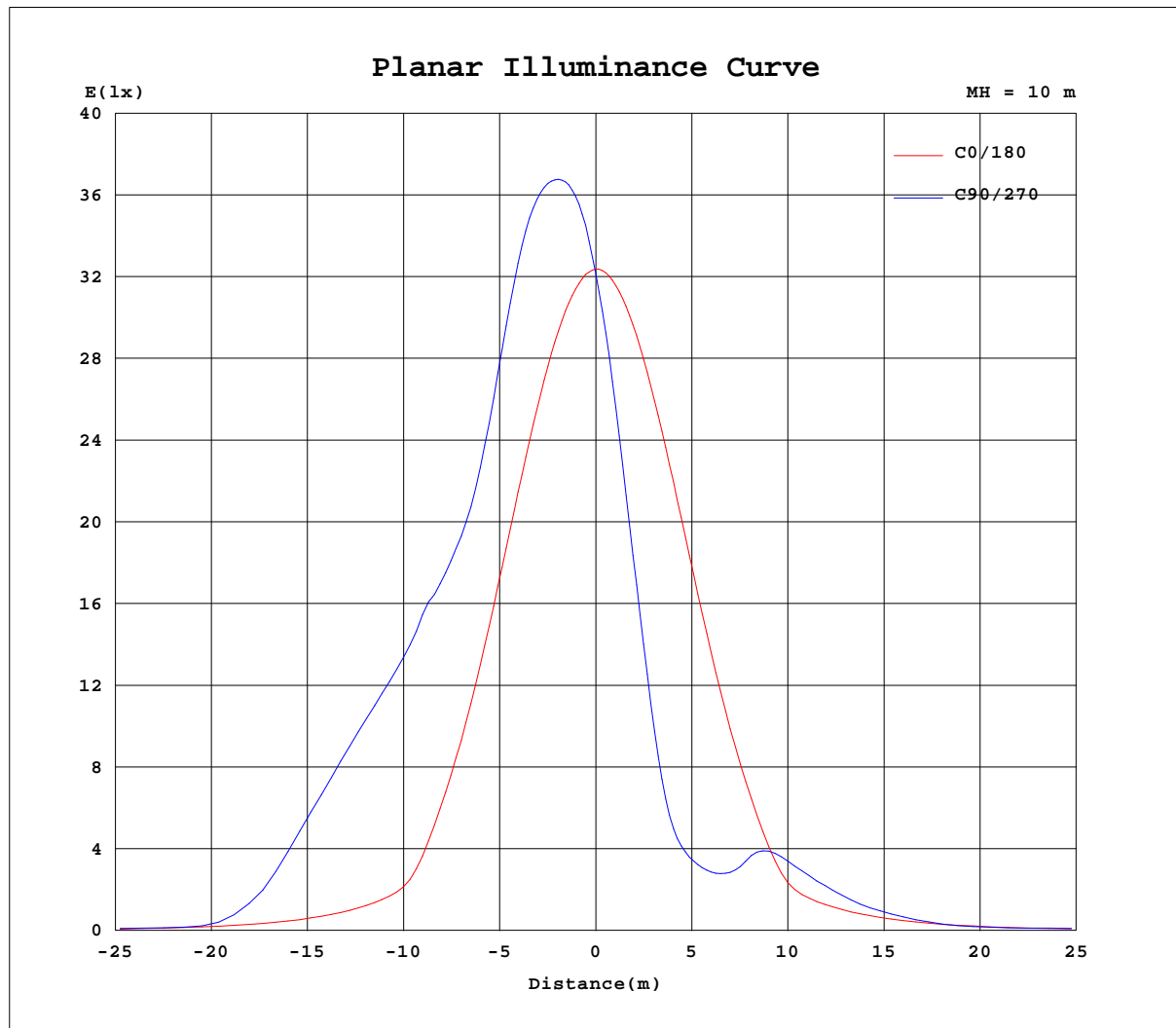
AvgL	cd/m2
L_0~180(65)av	1559
L_0~180(75)av	1097
L_0~180(85)av	629
L_90~270(65)av	1567
L_90~270(75)av	1679
L_90~270(85)av	541
L_45(65)av	14752
L_45(75)av	3673
L_45(85)av	1173

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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: 2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)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	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215	3215
5	3184	3294	3408	3463	3543	3561	3598	3574	3559	3485	3416	3308	3199	3088	2980	2877	2797	2738	2720
10	3106	3324	3521	3638	3757	3802	3848	3822	3790	3679	3560	3353	3133	2895	2654	2419	2244	2118	2079
15	2972	3311	3582	3755	3911	3983	4039	4011	3956	3811	3638	3351	3012	2625	2231	1876	1622	1444	1394
20	2774	3253	3602	3833	4017	4084	4131	4118	4073	3899	3671	3305	2833	2268	1734	1278	986	817	778
25	2497	3142	3583	3863	3990	3971	3979	4014	4062	3944	3665	3203	2575	1829	1185	738	602	531	519
30	2135	2982	3530	3792	3777	3671	3659	3717	3860	3889	3626	3054	2226	1325	694	541	478	456	457
35	1683	2756	3434	3590	3490	3454	3517	3491	3565	3695	3539	2834	1786	779	526	468	447	488	522
40	1143	2450	3264	3306	3353	3554	3665	3588	3416	3405	3378	2527	1250	550	462	440	541	748	856
45	608	2043	2989	3086	3483	3696	3791	3733	3554	3179	3109	2114	661	468	422	499	738	928	963
50	467	1531	2643	3021	3622	3852	3916	3888	3694	3119	2760	1600	483	400	401	600	794	823	834
55	374	878	2203	3155	3830	3730	3531	3772	3905	3273	2314	941	386	337	404	606	649	599	597
60	286	427	1786	3321	3626	2195	1597	2234	3714	3460	1900	447	293	270	398	470	438	365	343
65	210	335	1506	3673	1314	254	227	261	1333	3805	1663	352	215	211	333	287	214	195	199
70	144	246	1753	1970	193	192	179	198	205	1989	1987	259	148	163	189	148	167	210	231
75	90.4	155	1574	481	129	123	117	127	134	482	1692	160	92.8	109	102	130	201	179	163
80	49.1	75.7	644	153	69.6	60.4	53.4	62.6	73.0	152	665	80.3	50.1	53.3	74.6	72.9	70.7	58.8	54.3
85	17.6	69.6	214	37.1	20.0	17.3	16.1	18.2	21.8	38.8	223	84.7	17.7	20.9	23.7	29.0	22.8	15.6	14.3
90	1.41	1.10	1.43	1.26	1.14	1.08	1.12	1.32	1.45	1.44	1.60	1.18	0.70	1.14	1.84	2.37	2.50	1.79	1.27
95	1.87	1.31	1.41	1.58	1.53	1.49	1.49	1.66	1.73	1.68	1.57	1.45	0.91	1.54	2.23	2.84	3.15	3.03	2.72
100	2.62	1.60	1.70	1.90	1.96	1.91	1.92	2.04	2.12	2.03	1.88	1.78	1.22	2.12	2.71	3.27	3.57	3.65	3.75
105	3.63	1.98	2.02	2.27	2.44	2.43	2.48	2.54	2.58	2.42	2.24	2.17	1.65	2.88	3.37	3.84	3.99	4.04	4.26
110	4.84	2.53	2.33	2.61	2.88	2.99	3.09	3.10	3.05	2.80	2.58	2.69	2.23	3.82	4.19	4.56	4.60	4.52	4.80
115	6.18	3.40	2.65	2.86	3.17	3.35	3.49	3.48	3.36	3.07	2.93	3.40	2.89	4.83	5.29	5.32	5.44	5.21	5.50
120	7.60	4.55	3.15	3.05	3.32	3.52	3.67	3.68	3.53	3.30	3.44	4.36	3.61	5.95	6.76	6.22	6.46	6.16	6.39
125	9.02	5.91	3.97	3.38	3.42	3.56	3.70	3.70	3.66	3.66	4.18	5.59	4.31	7.13	8.43	7.68	7.39	7.32	7.32
130	10.4	7.45	5.16	4.06	3.72	3.60	3.66	3.74	3.95	4.32	5.23	6.94	5.08	8.21	10.2	9.86	8.80	8.66	8.81
135	11.8	9.07	6.67	5.12	4.42	4.01	3.99	4.17	4.67	5.34	6.63	8.37	5.99	9.09	11.8	12.4	11.1	10.5	10.7
140	13.0	10.7	8.38	6.62	5.63	5.03	4.96	5.22	5.86	6.78	8.22	9.81	7.00	9.82	13.0	14.5	14.1	13.0	12.9
145	14.0	12.3	10.3	8.53	7.42	6.62	6.52	6.80	7.64	8.66	9.96	11.2	8.12	10.7	13.8	16.2	16.7	16.0	15.6
150	14.9	13.6	12.1	10.6	9.67	8.81	8.65	8.95	9.84	10.7	11.6	12.4	9.33	11.7	14.4	17.2	18.7	18.6	18.4
155	15.6	14.7	13.8	12.7	12.1	11.4	11.3	11.5	12.1	12.6	13.1	13.4	10.6	12.9	15.5	17.9	19.6	20.1	20.2
160	16.1	15.6	15.2	14.7	14.4	14.0	14.0	14.0	14.3	14.3	14.4	14.4	11.9	14.3	16.8	18.9	20.2	20.7	20.8
165	16.4	16.3	16.4	16.3	16.4	16.3	16.4	16.2	16.2	15.8	15.5	15.2	13.3	15.6	18.0	19.7	21.0	21.3	21.4
170	16.5	16.9	17.3	17.6	18.1	18.2	18.3	18.0	17.8	17.0	16.5	15.9	14.5	16.5	18.5	20.0	21.1	21.5	21.5
175	16.4	17.2	17.9	18.6	19.3	19.5	19.6	19.3	18.8	17.8	17.1	16.2	15.3	17.0	18.6	19.8	20.8	21.1	21.1
180	15.9	17.2	18.3	19.3	20.2	20.5	20.5	20.1	19.5	18.4	17.5	16.3	16.0	17.2	18.4	19.3	20.2	20.5	20.5

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:0.3839A P:45.554W PF:0.9884 Freq:59.98Hz Lamp Flux:7361.15x1 lm		
NAME: XWPD(45/63/90)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	3215	3215	3215	3215	3215														
5	2726	2775	2847	2953	3064														
10	2094	2199	2363	2599	2848														
15	1414	1569	1804	2148	2552														
20	795	933	1192	1642	2170														
25	526	582	693	1077	1717														
30	455	474	530	649	1195														
35	498	452	460	515	703														
40	781	570	448	457	534														
45	935	777	530	425	461														
50	821	802	627	419	398														
55	592	639	621	436	338														
60	355	422	463	421	274														
65	195	205	275	339	219														
70	216	170	149	184	170														
75	169	198	133	104	110														
80	57.2	68.1	71.9	78.0	54.7														
85	14.5	20.6	26.8	24.4	21.7														
90	1.69	2.69	2.82	2.39	1.31														
95	3.13	3.69	3.39	2.74	1.56														
100	4.13	4.37	3.79	3.03	1.92														
105	4.73	4.88	4.21	3.44	2.40														
110	5.35	5.41	4.81	3.98	2.90														
115	6.06	6.13	5.57	4.64	3.45														
120	6.85	7.07	6.72	5.16	4.06														
125	7.83	8.68	7.76	5.81	4.71														
130	9.78	10.4	8.62	6.85	5.46														
135	11.5	11.4	9.85	8.36	6.08														
140	13.1	13.1	12.1	9.86	6.77														
145	15.6	15.5	14.2	11.2	7.72														
150	18.2	17.7	15.8	12.4	9.12														
155	19.9	19.0	16.9	13.9	10.9														
160	20.5	19.7	17.9	15.6	12.9														
165	21.0	20.3	19.0	17.1	14.7														
170	21.0	20.4	19.3	17.8	15.8														
175	20.6	20.0	18.9	17.8	16.2														
180	20.1	19.5	18.4	17.5	16.3														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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: