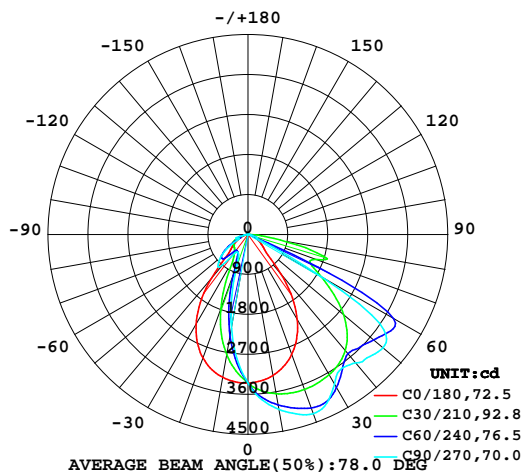


LUMINAIRE PHOTOMETRIC TEST REPORT

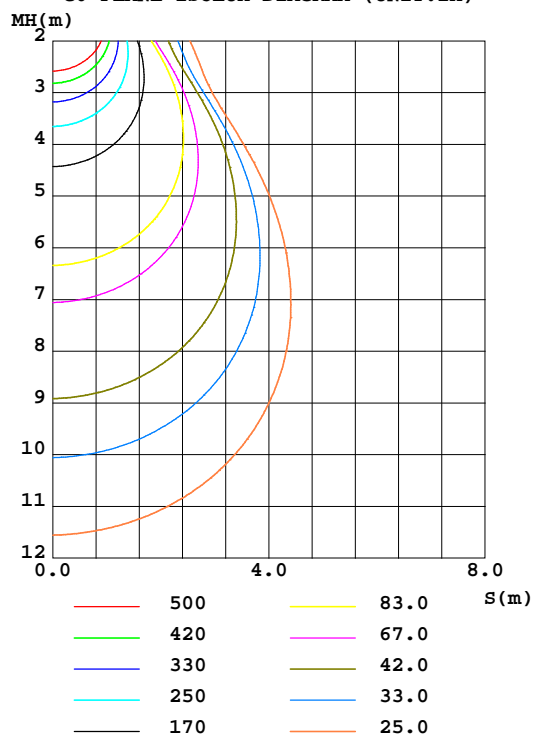
Test:U:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 168.73 lm/W			
MODEL		I _{max} (cd)	4292	S/MH(C0/180)	1.07
NOMINAL POWER(W)	45	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	7697.6	h UP,DN(C0-180)	0.2,78.8
NOMINAL FLUX(lm)	7697.59	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:

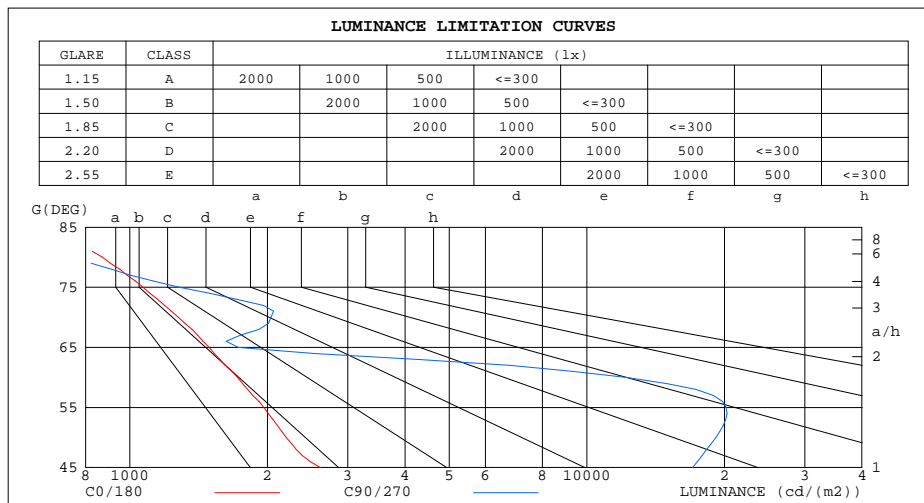
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	3225	3771	3994	3835	3268	2516	2152	2447	0- 10	310.0	310.0	4.03,4.03
20	2879	3957	4292	4064	2963	1299	754.3	1196	10- 20	822.2	1132	14.7,14.7
30	2220	3955	3901	4096	2337	545.2	466.8	533.8	20- 30	1125	2257	29.3,29.3
40	1153	3513	3771	3668	1276	426.4	892.5	433.5	30- 40	1285	3542	46,46
50	457.3	3141	3967	3296	489.2	582.4	814.2	612.5	40- 50	1444	4986	64.8,64.8
60	278.1	3363	1974	3579	297.9	490.5	369.1	486.4	50- 60	1439	6425	83.5,83.5
70	141.1	2502	224.6	2631	152.6	173.8	285.6	170.9	60- 70	839.2	7264	94.4,94.4
80	48.88	153.5	42.13	151.1	52.13	84.36	70.97	81.30	70- 80	334.9	7599	98.7,98.7
90	1.454	1.351	1.202	1.501	0.7088	2.505	1.509	3.041	80- 90	55.41	7654	99.4,99.4
100	2.712	1.994	2.016	2.115	1.211	3.446	3.942	4.026	90-100	2.382	7657	99.5,99.5
110	4.989	2.681	3.162	2.855	2.247	4.801	5.073	5.094	100-110	3.362	7660	99.5,99.5
120	7.892	3.109	3.713	3.370	3.691	6.602	6.819	7.175	110-120	4.390	7664	99.6,99.6
130	10.86	4.108	3.724	4.379	5.277	10.55	9.474	9.082	120-130	5.410	7670	99.6,99.6
140	13.53	6.747	4.998	6.890	7.272	15.26	13.75	12.89	130-140	6.503	7676	99.7,99.7
150	15.51	10.97	8.791	10.93	9.708	17.85	19.48	16.52	140-150	7.347	7684	99.8,99.8
160	16.71	15.16	14.40	14.84	12.33	19.77	21.86	18.89	150-160	6.992	7691	99.9,99.9
170	17.11	18.32	19.03	17.79	14.96	20.95	22.68	20.32	160-170	5.068	7696	100,100
180	16.48	20.18	21.55	19.39	16.51	20.16	21.56	19.38	170-180	1.837	7698	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:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



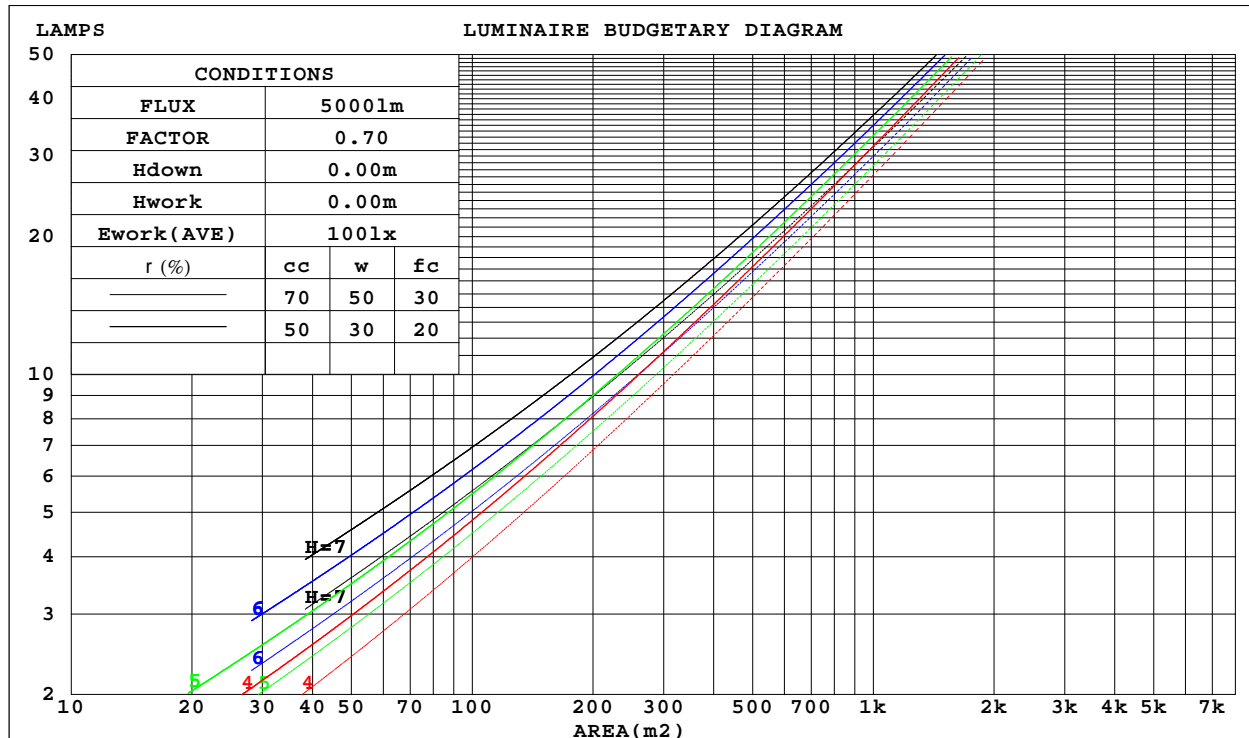
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 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	.72	.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	.48	.40	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.43	.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:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 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	.042	.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:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 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	18.4	19.7	18.7	19.9	20.2
	4H	13.8	15.1	14.1	15.4	15.6	18.3	19.5	18.6	19.8	20.1
	6H	13.7	14.9	14.1	15.2	15.5	18.2	19.4	18.5	19.6	19.9
	8H	13.7	14.9	14.0	15.1	15.4	18.1	19.3	18.5	19.6	19.9
	12H	13.7	14.8	14.0	15.1	15.4	18.1	19.2	18.4	19.5	19.8
4H	2H	17.1	18.4	17.4	18.7	18.9	19.5	20.8	19.8	21.1	21.3
	3H	18.3	19.4	18.6	19.7	20.0	19.4	20.5	19.8	20.8	21.2
	4H	18.7	19.7	19.1	20.0	20.4	19.3	20.4	19.7	20.7	21.0
	6H	18.7	19.6	19.1	19.9	20.3	19.3	20.1	19.7	20.5	20.9
	8H	18.6	19.5	19.1	19.8	20.2	19.2	20.0	19.6	20.4	20.8
	12H	18.6	19.4	19.0	19.8	20.2	19.2	19.9	19.6	20.3	20.7
8H	4H	19.0	19.9	19.4	20.2	20.6	19.6	20.4	20.0	20.8	21.2
	6H	19.4	20.1	19.8	20.5	20.9	19.5	20.2	19.9	20.6	21.0
	8H	19.4	20.0	19.9	20.5	20.9	19.5	20.1	19.9	20.5	21.0
	12H	19.4	19.9	19.9	20.4	20.9	19.4	19.9	19.9	20.4	20.9
12H	4H	19.0	19.7	19.4	20.1	20.6	19.6	20.4	20.0	20.7	21.2
	6H	19.4	20.0	19.8	20.4	20.9	19.5	20.1	20.0	20.6	21.0
	8H	19.5	20.0	19.9	20.4	20.9	19.5	20.0	20.0	20.5	21.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.7 / - 0.6					+ 0.5 / - 0.6					
1.5H	+ 0.9 / - 0.8					+ 1.9 / - 2.6					
2.0H	+ 0.7 / - 1.6					+ 1.6 / - 2.4					

CIE Pub.117, 7698 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 7.1)
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:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

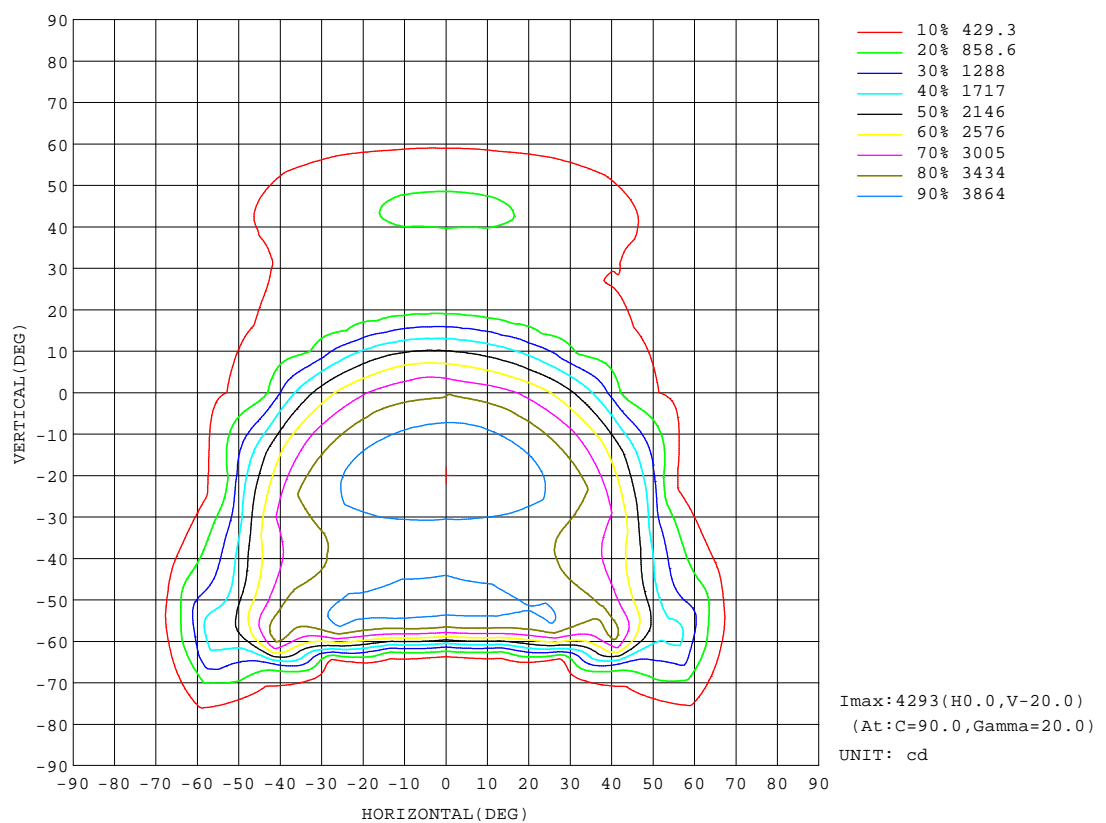
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	57	50	67	56	49	65	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	81	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:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



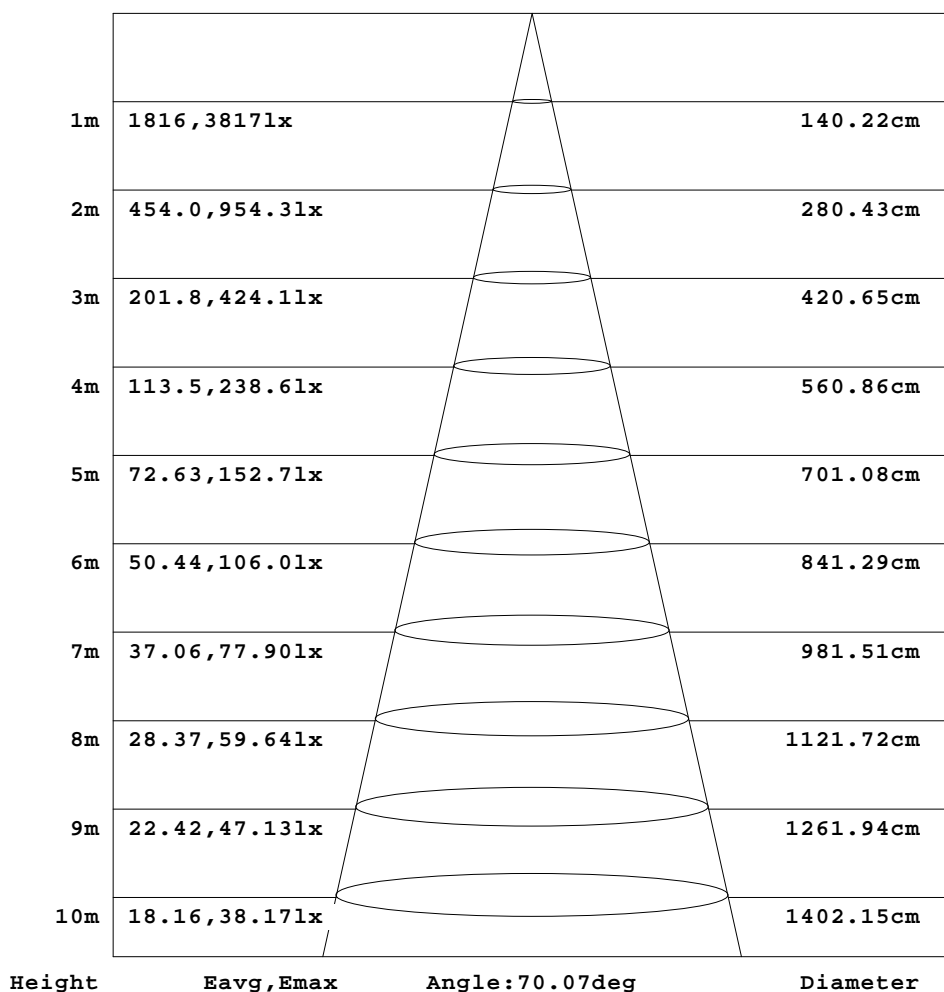
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:3011 lm



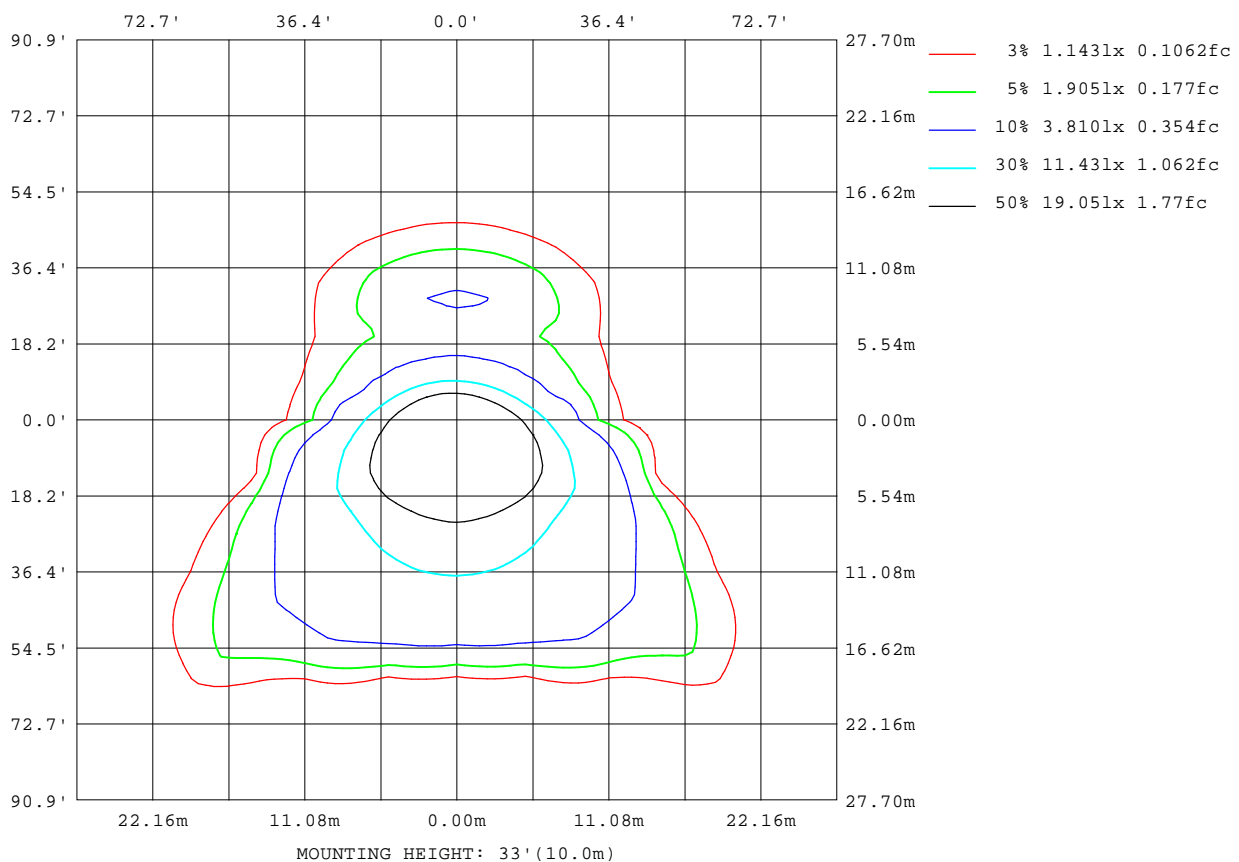
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 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:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

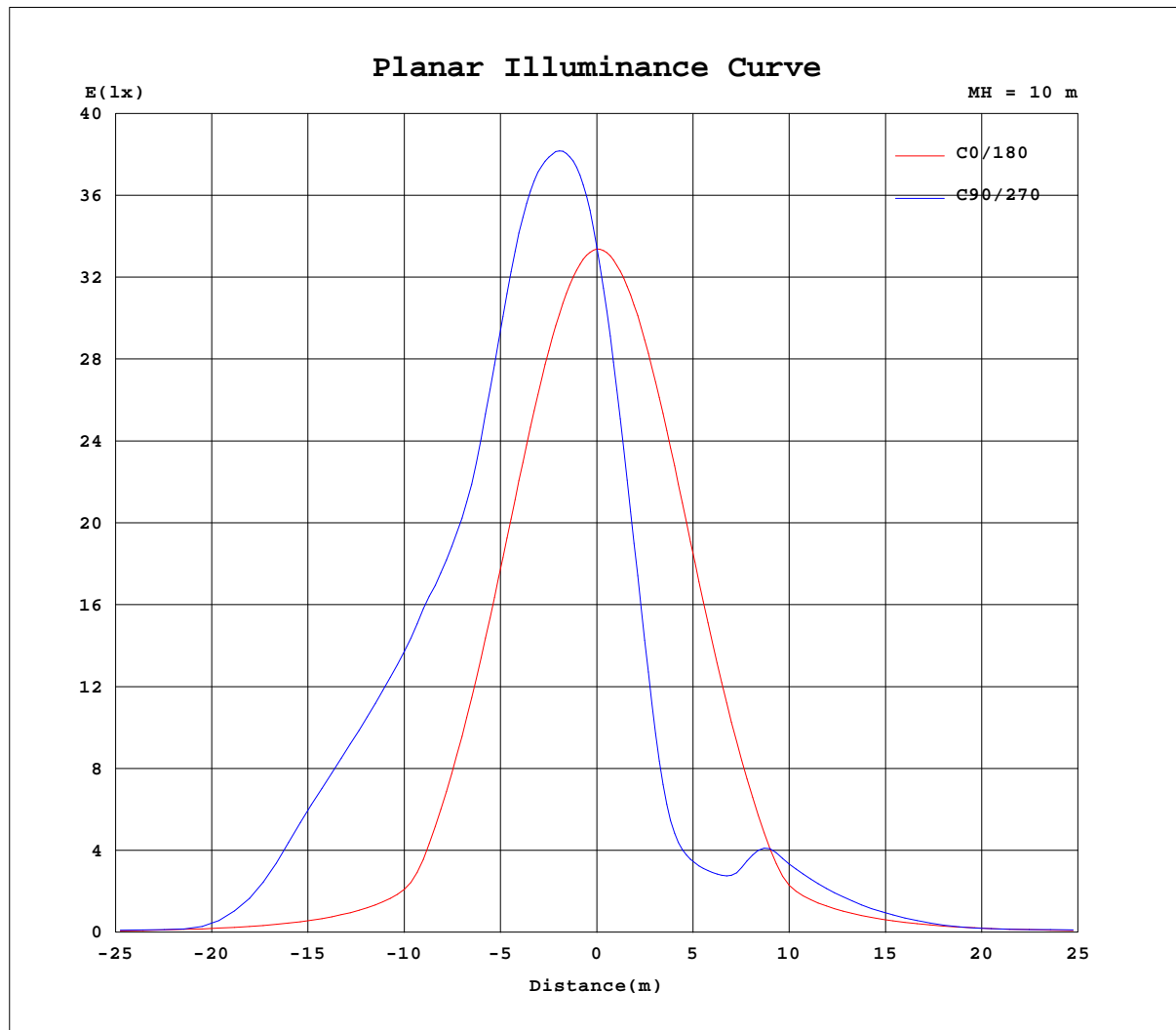
AvgL	cd/m2
L_0~180(65)av	1553
L_0~180(75)av	1112
L_0~180(85)av	658
L_90~270(65)av	1679
L_90~270(75)av	1807
L_90~270(85)av	576
L_45(65)av	14791
L_45(75)av	4296
L_45(85)av	1134

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:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 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	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346	3346
5	3310	3421	3528	3600	3682	3705	3741	3721	3710	3636	3575	3449	3331	3212	3087	2987	2902	2839	2818
10	3225	3448	3637	3771	3892	3944	3994	3972	3943	3835	3715	3501	3268	3012	2753	2516	2336	2196	2152
15	3085	3431	3696	3883	4044	4121	4179	4158	4112	3971	3801	3503	3147	2736	2322	1944	1670	1477	1412
20	2879	3346	3715	3957	4158	4237	4292	4282	4241	4064	3839	3432	2963	2369	1802	1299	981	800	754
25	2595	3236	3696	4000	4160	4171	4192	4226	4258	4127	3840	3333	2698	1909	1197	749	588	517	510
30	2220	3070	3647	3955	3982	3907	3901	3965	4092	4096	3809	3176	2337	1343	704	545	469	461	467
35	1748	2842	3564	3780	3706	3634	3682	3685	3817	3932	3738	2951	1873	773	542	462	444	476	509
40	1153	2526	3407	3513	3506	3671	3771	3723	3609	3668	3592	2634	1276	558	478	426	524	779	892
45	598	2112	3162	3261	3578	3784	3883	3844	3687	3412	3349	2214	657	474	434	502	783	929	949
50	457	1597	2814	3141	3695	3895	3967	3962	3816	3296	2995	1688	489	409	425	582	789	814	814
55	364	899	2366	3219	3846	3831	3732	3904	3980	3396	2536	932	391	344	403	591	656	626	620
60	278	411	1908	3363	3791	2538	1974	2601	3927	3579	2067	452	298	278	402	490	461	391	369
65	204	320	1562	3595	1742	411	235	431	1823	3849	1748	355	220	217	349	318	236	218	222
70	141	237	1651	2502	179	215	225	223	191	2631	1929	269	153	168	220	174	196	261	286
75	89.3	153	1603	557	129	115	107	121	140	560	1782	173	96.3	118	124	158	215	207	195
80	48.9	77.0	739	154	51.5	45.6	42.1	47.5	55.9	151	814	86.2	52.1	62.9	89.4	84.4	81.2	73.7	71.0
85	18.4	47.1	238	27.7	11.8	10.4	9.89	11.1	13.4	29.9	266	62.6	18.7	27.7	30.0	35.8	30.4	23.6	22.5
90	1.45	1.14	1.41	1.35	1.21	1.16	1.20	1.40	1.54	1.50	1.61	1.21	0.71	1.18	1.89	2.51	2.68	2.06	1.51
95	1.92	1.35	1.51	1.67	1.62	1.58	1.61	1.76	1.84	1.77	1.66	1.50	0.91	1.62	2.31	2.98	3.32	3.24	3.02
100	2.71	1.65	1.77	1.99	2.05	2.00	2.02	2.14	2.22	2.12	1.95	1.82	1.21	2.21	2.86	3.45	3.75	3.82	3.94
105	3.75	1.99	2.09	2.36	2.52	2.50	2.53	2.62	2.67	2.50	2.31	2.20	1.65	3.00	3.53	4.06	4.21	4.24	4.48
110	4.99	2.54	2.37	2.68	2.94	3.06	3.16	3.17	3.11	2.85	2.64	2.71	2.25	3.95	4.43	4.80	4.89	4.78	5.07
115	6.41	3.43	2.67	2.92	3.23	3.42	3.55	3.54	3.43	3.13	2.98	3.42	2.95	4.99	5.65	5.62	5.80	5.56	5.86
120	7.89	4.63	3.17	3.11	3.37	3.56	3.71	3.72	3.60	3.37	3.49	4.39	3.69	6.14	7.16	6.60	6.85	6.57	6.82
125	9.39	6.05	4.01	3.44	3.49	3.61	3.78	3.79	3.71	3.73	4.24	5.64	4.45	7.33	8.89	8.25	7.82	7.79	7.79
130	10.9	7.63	5.24	4.11	3.76	3.66	3.72	3.80	4.01	4.38	5.31	7.04	5.28	8.40	10.7	10.6	9.43	9.29	9.47
135	12.3	9.33	6.79	5.21	4.46	4.05	4.00	4.21	4.72	5.42	6.73	8.51	6.22	9.29	12.3	13.1	12.0	11.3	11.5
140	13.5	11.0	8.57	6.75	5.70	5.07	5.00	5.25	5.94	6.89	8.39	10.00	7.27	10.1	13.5	15.3	15.1	14.0	13.8
145	14.6	12.6	10.5	8.74	7.54	6.71	6.60	6.88	7.75	8.83	10.2	11.4	8.45	11.1	14.3	16.9	17.7	17.0	16.6
150	15.5	14.0	12.5	11.0	9.88	8.97	8.79	9.11	10.03	10.9	11.9	12.7	9.71	12.1	15.0	17.8	19.5	19.6	19.5
155	16.2	15.2	14.2	13.1	12.4	11.7	11.5	11.8	12.5	13.0	13.5	13.8	11.0	13.4	16.2	18.7	20.4	21.0	21.2
160	16.7	16.1	15.7	15.2	14.8	14.4	14.4	14.5	14.8	14.8	14.9	14.8	12.3	14.8	17.5	19.8	21.2	21.8	21.9
165	17.0	16.9	16.9	16.9	17.0	16.9	16.9	16.9	16.8	16.4	16.1	15.7	13.8	16.2	18.7	20.7	22.0	22.5	22.6
170	17.1	17.4	17.9	18.3	18.8	18.9	19.0	18.8	18.5	17.8	17.1	16.5	15.0	17.1	19.3	20.9	22.2	22.6	22.7
175	16.9	17.7	18.6	19.4	20.2	20.4	20.5	20.2	19.7	18.7	17.8	16.8	15.8	17.6	19.3	20.7	21.8	22.2	22.3
180	16.5	17.8	19.0	20.2	21.1	21.5	21.6	21.1	20.5	19.4	18.3	16.9	16.5	17.7	18.7	20.2	21.1	21.5	21.6

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.07V I:0.3800A P:45.621W PF:0.9883 Freq:59.98Hz Lamp Flux:7697.59x1 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	3346	3346	3346	3346	3346														
5	2821	2872	2949	3058	3180														
10	2168	2278	2447	2684	2945														
15	1435	1598	1855	2220	2631														
20	776	921	1196	1678	2238														
25	515	572	706	1071	1759														
30	464	470	534	664	1181														
35	487	450	456	535	700														
40	812	559	434	477	541														
45	931	813	538	436	465														
50	812	792	613	438	403														
55	621	644	602	426	341														
60	379	446	486	417	277														
65	217	225	299	350	220														
70	263	197	171	207	171														
75	199	211	158	122	117														
80	72.5	78.6	81.3	86.9	61.1														
85	22.4	28.2	34.1	30.5	26.7														
90	1.96	2.93	3.04	2.58	1.39														
95	3.43	3.94	3.61	2.90	1.66														
100	4.36	4.62	4.03	3.24	2.04														
105	4.99	5.14	4.47	3.68	2.53														
110	5.66	5.74	5.09	4.26	3.06														
115	6.44	6.52	5.95	4.93	3.65														
120	7.26	7.59	7.17	5.46	4.26														
125	8.42	9.37	8.18	6.18	4.94														
130	10.5	11.0	9.08	7.34	5.68														
135	12.2	12.1	10.5	8.88	6.30														
140	14.0	14.0	12.9	10.4	7.00														
145	16.6	16.5	15.0	11.6	7.98														
150	19.3	18.7	16.5	13.0	9.49														
155	20.9	20.0	17.7	14.6	11.4														
160	21.5	20.7	18.9	16.4	13.4														
165	22.1	21.4	20.0	18.0	15.3														
170	22.2	21.5	20.3	18.8	16.4														
175	21.8	21.1	19.9	18.7	16.8														
180	21.1	20.5	19.4	18.3	16.9														

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: