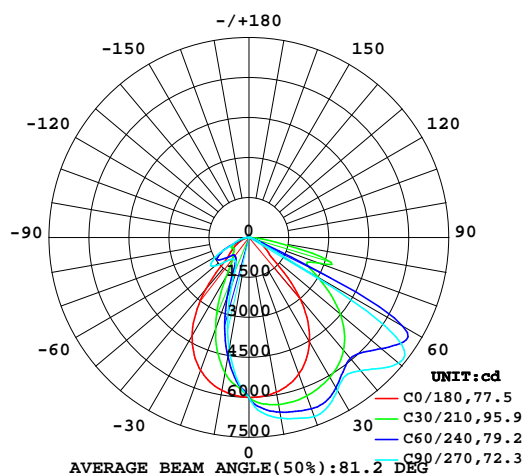


LUMINAIRE PHOTOMETRIC TEST REPORT

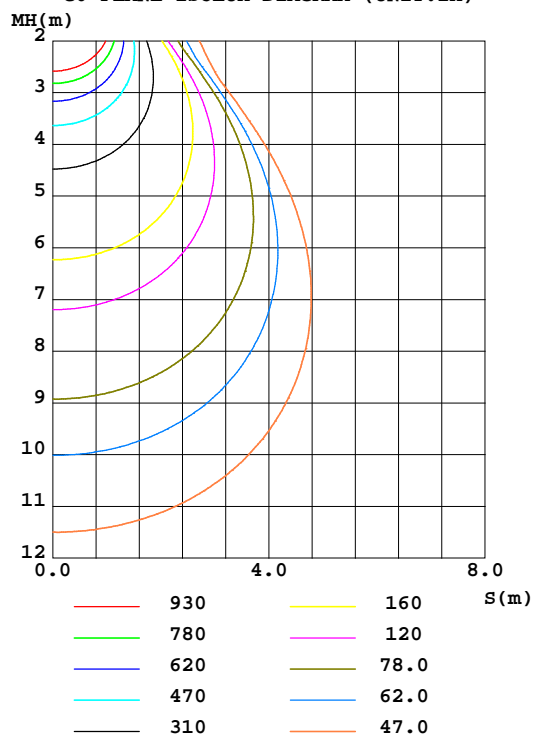
Test:U:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 177.55 lm/W			
MODEL		I _{max} (cd)	7435	S/MH(C0/180)	1.09
NOMINAL POWER(W)	76	LOR(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	13534	h UP,DN(C0-180)	0.2,75.0
NOMINAL FLUX(lm)	13533.9	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,24.5
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:2024-06-28

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:

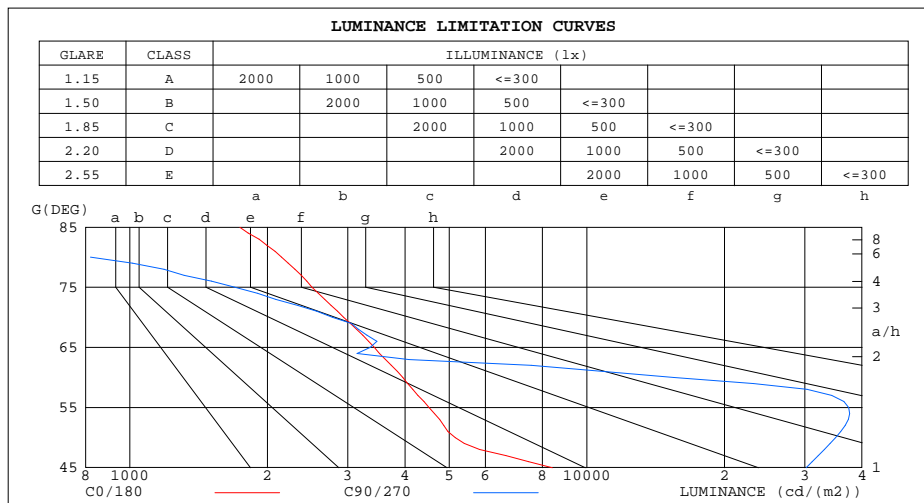
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	5895	6513	6880	6718	5829	4829	4289	4748	0- 10	561.1	561.1	4.15,4.15
20	5460	6596	7146	6804	5310	2984	1917	2855	10- 20	1496	2057	15.2,15.2
30	4542	6469	6628	6697	4273	1181	1023	1184	20- 30	2024	4081	30.2,30.2
40	2972	5794	6522	6047	2519	842.0	1084	881.2	30- 40	2253	6334	46.8,46.8
50	1032	5229	7333	5246	950.3	879.4	1667	956.0	40- 50	2447	8780	64.9,64.9
60	616.0	5692	2528	5599	562.7	1078	1466	1208	50- 60	2590	11370	84,84
70	313.2	2612	309.3	3073	274.7	488.6	551.2	571.5	60- 70	1442	12812	94.7,94.7
80	116.3	269.6	46.44	291.8	90.44	192.0	254.6	218.9	70- 80	546.0	13358	98.7,98.7
90	4.058	2.762	3.079	3.320	1.253	17.30	17.67	29.80	80- 90	98.99	13457	99.4,99.4
100	4.160	4.086	5.126	4.761	2.248	5.639	7.142	6.374	90-100	4.934	13462	99.5,99.5
110	7.850	5.126	6.838	5.931	4.218	7.807	8.643	7.920	100-110	6.116	13468	99.5,99.5
120	12.85	5.641	6.815	6.677	6.782	10.73	11.56	10.91	110-120	7.642	13475	99.6,99.6
130	18.28	8.103	7.052	9.247	9.517	17.07	15.72	14.07	120-130	9.327	13485	99.6,99.6
140	23.24	13.63	10.58	14.45	13.07	25.43	23.46	20.53	130-140	11.46	13496	99.7,99.7
150	26.91	21.02	18.05	21.17	17.34	30.66	33.83	27.19	140-150	13.12	13509	99.8,99.8
160	29.33	27.45	26.76	27.03	22.28	33.72	38.01	31.72	150-160	12.43	13522	99.9,99.9
170	30.44	32.16	33.34	31.39	27.22	35.89	38.83	34.77	160-170	8.875	13531	100,100
180	29.75	34.84	36.94	33.64	29.76	34.83	36.94	33.61	170-180	3.197	13534	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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1740	316
80	2149	821
75	2502	1696
70	2939	2775
65	3428	3357
60	3955	15519
55	4516	37397
50	5153	35012
45	8403	30172

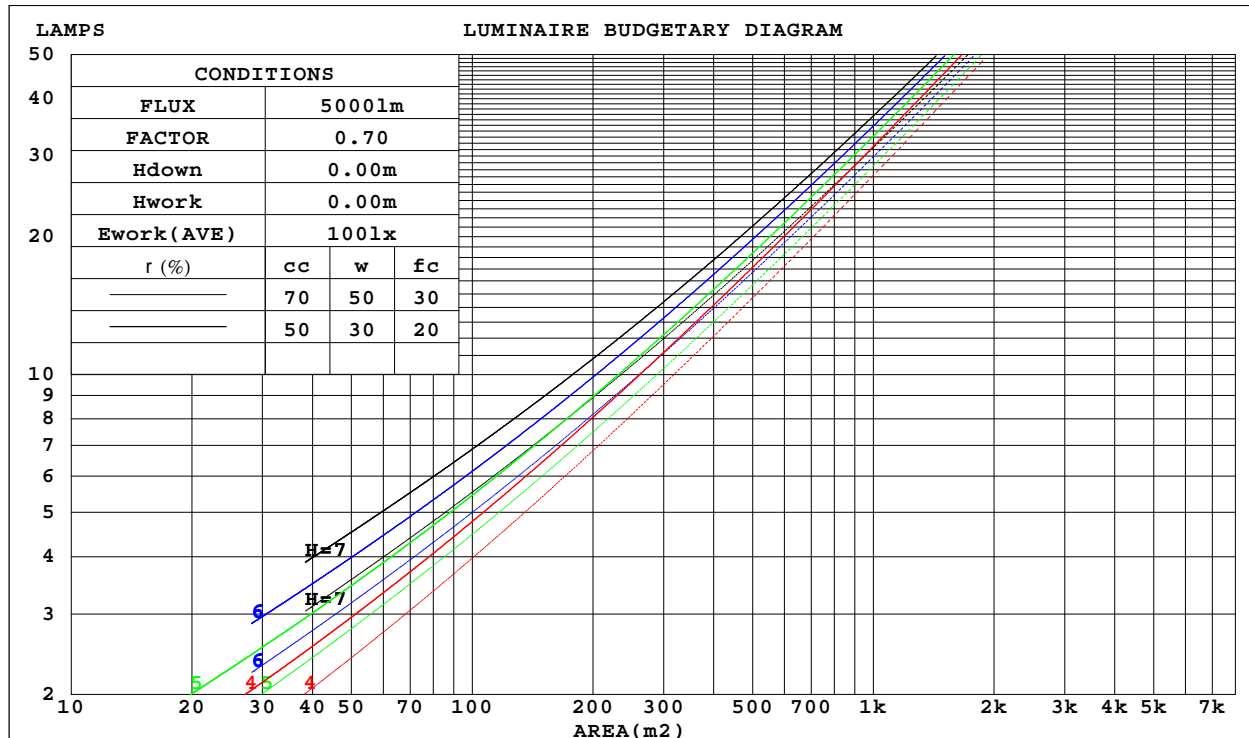
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)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	.93	.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	.73	.64	.58	.71	.63	.57	.69	.62	.56	.66	.60	.56	.64	.59	.55	.53
5.0	.65	.56	.50	.64	.56	.49	.62	.54	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.59	.50	.44	.58	.49	.43	.56	.48	.43	.54	.47	.43	.52	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.35	.48	.40	.34	.47	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29
10.0	.41	.34	.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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)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	.280	.159	.050	.273	.156	.049	.259	.149	.048	.247	.142	.046	.236	.137	.044	
2.0	.271	.148	.045	.264	.146	.045	.252	.140	.044	.242	.136	.042	.232	.131	.041	
3.0	.255	.135	.041	.249	.133	.040	.239	.129	.039	.229	.125	.038	.220	.122	.038	
4.0	.238	.123	.036	.233	.122	.036	.223	.119	.035	.215	.115	.035	.207	.112	.034	
5.0	.221	.113	.033	.217	.111	.032	.209	.109	.032	.201	.106	.032	.194	.104	.031	
6.0	.207	.104	.030	.203	.102	.029	.195	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.193	.095	.027	.190	.094	.027	.183	.092	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.178	.087	.025	.172	.086	.025	.166	.084	.024	.161	.083	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.022	.152	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.153	.075	.021	.148	.074	.021	.144	.072	.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	.167	.167	.167	.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	.158	.105	.064	.136	.091	.056	.094	.063	.039	.054	.037	.023	.017	.012	.008	
5.0	.151	.095	.053	.130	.082	.046	.089	.057	.033	.052	.034	.019	.017	.011	.006	
6.0	.144	.086	.045	.124	.075	.039	.086	.052	.028	.050	.031	.016	.016	.010	.005	
7.0	.138	.079	.038	.118	.069	.034	.082	.048	.024	.048	.028	.014	.015	.009	.005	
8.0	.131	.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	.103	.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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm											
NAME: XWPD(76/105/125)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	13.6	15.1	13.9	15.3	15.5	18.4	19.9	18.7	20.1	20.3	
	3H	13.8	15.2	14.1	15.4	15.7	18.2	19.6	18.5	19.8	20.1
	4H	13.8	15.1	14.1	15.3	15.6	18.1	19.4	18.4	19.7	19.9
	6H	13.8	14.9	14.1	15.2	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	19.1	18.3	19.4	19.7
	12H	13.7	14.8	14.0	15.1	15.4	17.9	19.0	18.3	19.3	19.6
4H	2H	16.7	18.0	17.0	18.3	18.5	19.2	20.5	19.5	20.7	21.0
	3H	17.9	19.0	18.2	19.3	19.6	19.1	20.2	19.4	20.5	20.8
	4H	18.3	19.3	18.7	19.7	20.0	19.0	20.0	19.4	20.3	20.7
	6H	18.3	19.2	18.7	19.6	20.0	18.9	19.8	19.3	20.1	20.5
	8H	18.3	19.1	18.7	19.5	19.9	18.8	19.7	19.3	20.0	20.4
	12H	18.3	19.0	18.7	19.4	19.8	18.8	19.6	19.2	19.9	20.4
8H	4H	18.6	19.4	19.0	19.8	20.2	19.2	20.0	19.6	20.4	20.8
	6H	18.9	19.6	19.3	20.0	20.4	19.1	19.8	19.5	20.2	20.6
	8H	18.9	19.5	19.4	19.9	20.4	19.1	19.7	19.5	20.1	20.5
	12H	18.9	19.4	19.4	19.9	20.4	19.0	19.5	19.5	20.0	20.5
12H	4H	18.6	19.3	19.0	19.7	20.1	19.2	19.9	19.6	20.3	20.7
	6H	18.8	19.4	19.3	19.9	20.3	19.1	19.7	19.6	20.1	20.6
	8H	18.9	19.4	19.4	19.9	20.4	19.1	19.6	19.6	20.0	20.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.8 / - 0.8					+ 1.2 / - 1.8					
1.5H	+ 1.3 / - 1.2					+ 2.2 / - 3.1					
2.0H	+ 0.9 / - 1.5					+ 1.9 / - 3.5					

CIE Pub.117, 13534 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.1)
Area: 0.3224 m2

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

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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

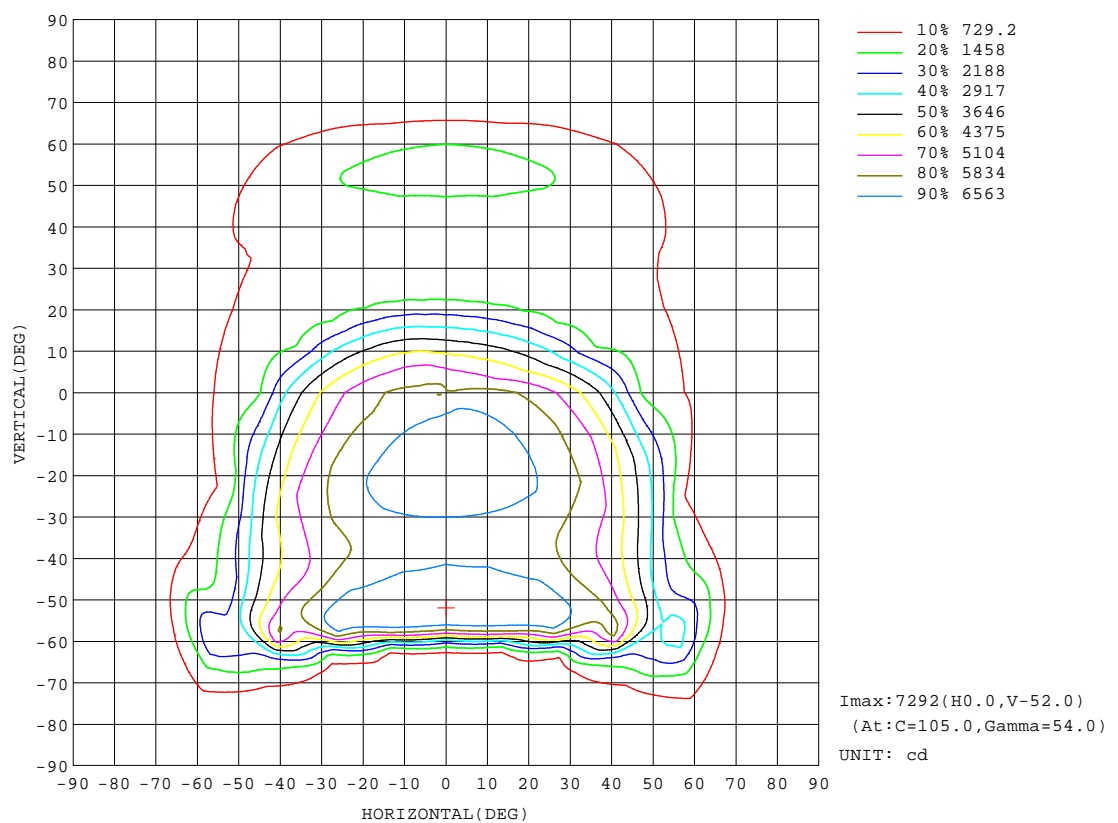
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	57	46	40	56	46	39	33
0.80	69	57	50	68	57	50	66	56	49	43
1.00	78	67	60	76	66	60	74	68	59	52
1.25	85	75	68	83	74	68	81	73	67	60
1.50	90	81	74	88	80	73	85	78	72	65
2.00	97	89	83	95	87	82	91	85	80	73
2.50	100	93	87	98	92	87	94	89	85	77
3.00	104	97	92	101	96	91	97	93	89	80
4.00	107	102	98	105	100	96	101	97	94	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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



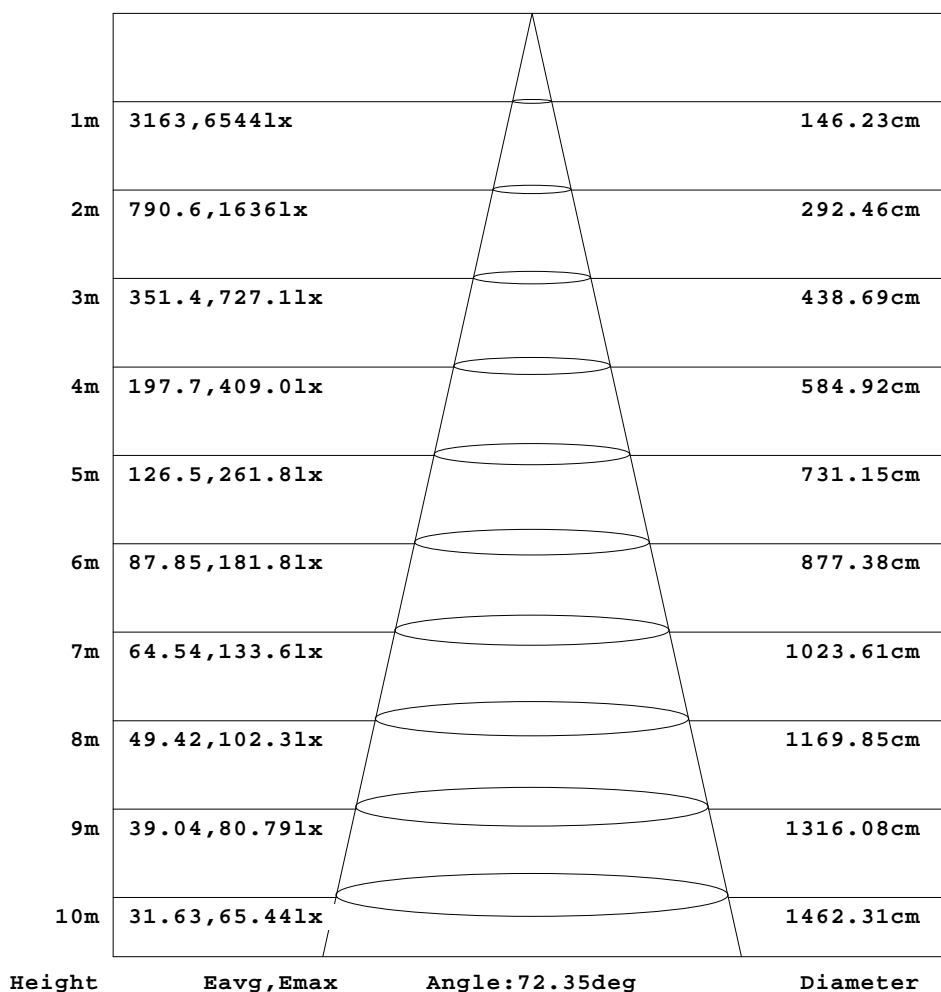
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:5642 lm



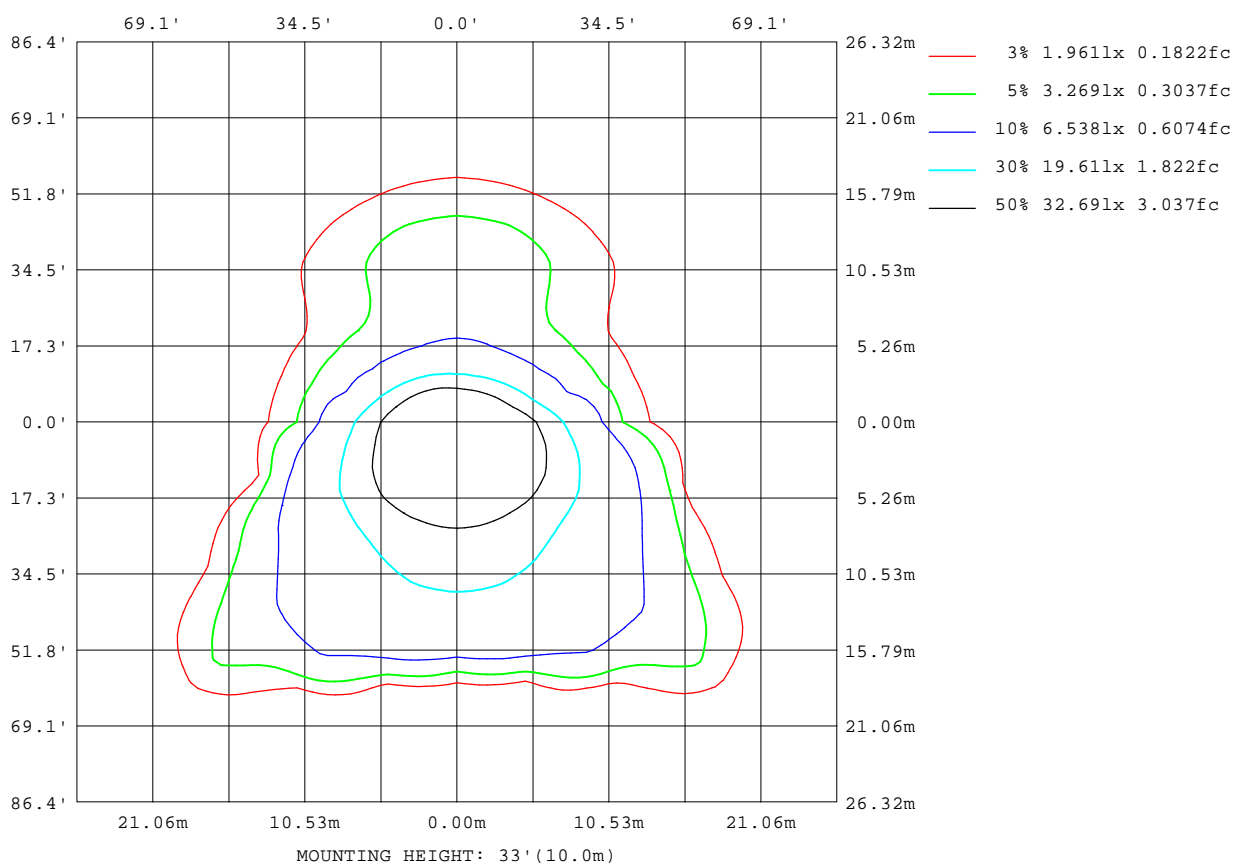
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)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: 2024-06-28

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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

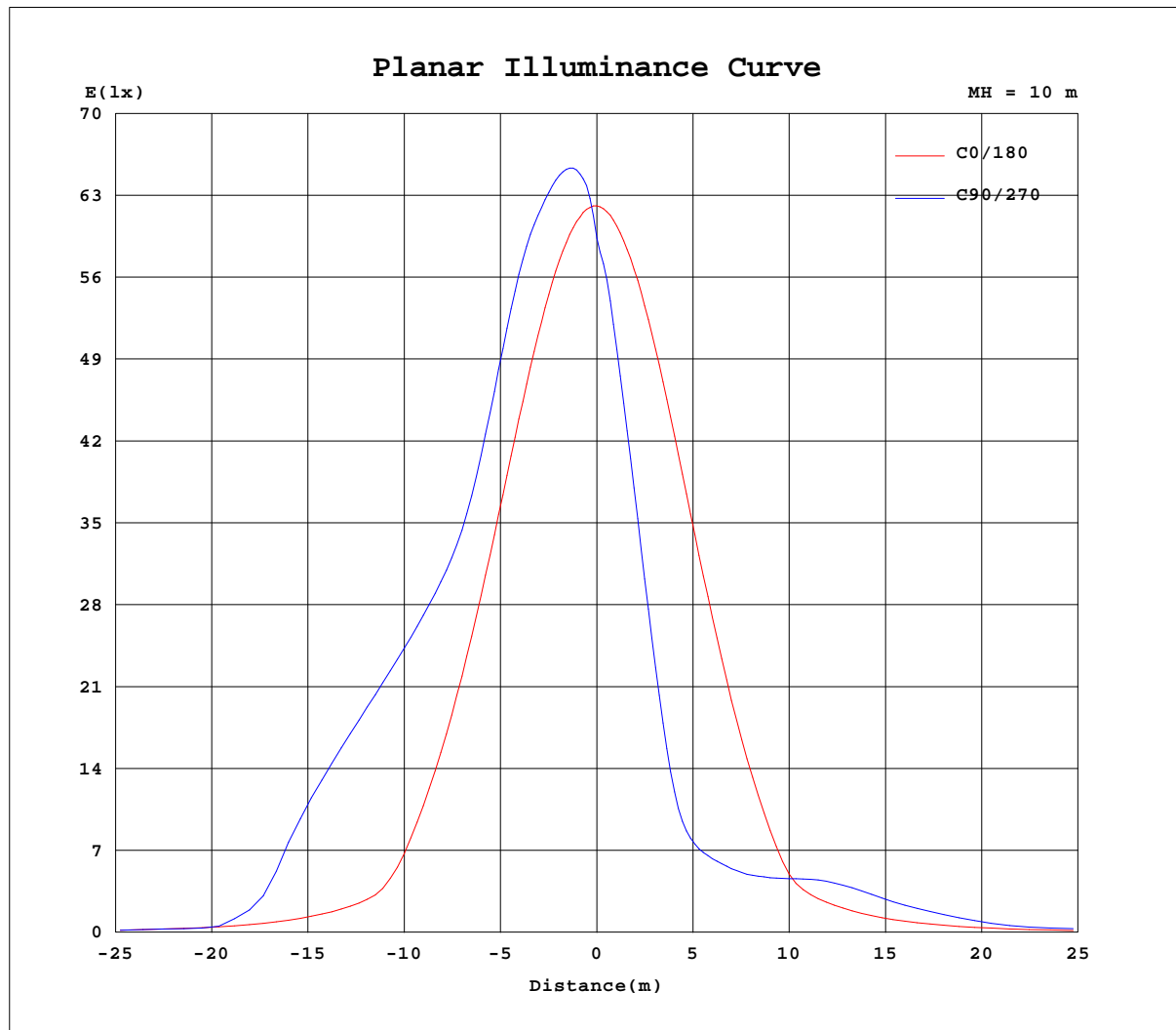
AvgL	cd/m2
L_0~180(65)av	3154
L_0~180(75)av	2238
L_0~180(85)av	1336
L_90~270(65)av	4587
L_90~270(75)av	3298
L_90~270(85)av	1840
L_45(65)av	25555
L_45(75)av	7407
L_45(85)av	2635

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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)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	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001	6001
5	5978	6160	6265	6360	6452	6577	6629	6643	6600	6509	6336	6070	5950	5724	5584	5504	5418	5345	5315
10	5895	6178	6362	6513	6650	6813	6880	6900	6833	6718	6525	6187	5829	5419	5169	4829	4557	4351	4289
15	5727	6124	6376	6580	6753	6945	7026	7040	6949	6801	6546	6170	5618	5039	4512	3969	3528	3231	3103
20	5460	5987	6328	6596	6842	7064	7146	7165	7023	6804	6481	5992	5310	4504	3682	2984	2422	2048	1917
25	5072	5773	6221	6592	6798	6955	7012	7095	7045	6775	6343	5717	4867	3793	2744	1914	1414	1208	1179
30	4542	5473	6063	6469	6519	6592	6628	6749	6830	6697	6136	5332	4273	2907	1731	1181	1007	995	1023
35	3852	5074	5843	6171	6153	6248	6330	6374	6449	6456	5868	4825	3487	1881	1139	949	892	965	1006
40	2972	4556	5524	5794	5923	6352	6522	6394	6123	6047	5522	4185	2519	1182	946	842	871	1024	1084
45	1851	3902	5069	5458	6083	6733	6951	6770	6134	5624	5047	3361	1364	976	835	785	1002	1236	1318
50	1032	3094	4478	5229	6494	7160	7333	7240	6543	5246	4411	2371	950	825	739	879	1249	1562	1667
55	807	2157	3751	5377	6935	7155	6989	7376	7050	5217	3586	1002	742	679	713	1103	1458	1671	1748
60	616	794	2996	5692	6673	3918	2528	4398	7191	5599	2716	703	563	530	765	1078	1267	1399	1466
65	451	583	2414	6133	1779	438	462	448	2469	6083	2018	543	408	432	664	810	927	808	788
70	313	454	2866	2612	428	331	309	335	534	3073	2345	414	275	328	486	489	474	520	551
75	202	299	2802	869	195	161	143	164	211	987	2571	259	172	209	249	291	345	384	407
80	116	172	1011	270	69.3	53.3	46.4	52.5	68.5	292	891	139	90.4	108	157	192	234	248	255
85	47.3	97.2	261	40.1	13.0	10.5	8.97	9.87	11.4	35.2	185	55.7	27.8	43.9	64.3	101	110	96.9	94.4
90	4.06	2.04	2.47	2.76	2.86	2.92	3.08	3.39	3.56	3.32	2.99	2.57	1.25	1.99	7.19	17.3	21.4	17.2	17.7
95	2.98	2.51	2.92	3.43	3.74	3.93	4.11	4.36	4.39	4.02	3.59	3.20	1.64	2.72	3.82	4.89	5.48	5.64	5.46
100	4.16	3.07	3.46	4.09	4.57	4.91	5.13	5.33	5.25	4.76	4.24	3.91	2.25	3.74	4.73	5.64	6.25	6.74	7.14
105	5.80	3.73	4.00	4.69	5.35	5.84	6.10	6.27	6.04	5.45	4.90	4.81	3.11	5.03	5.85	6.58	6.90	7.29	7.85
110	7.85	4.76	4.48	5.13	5.83	6.48	6.84	6.91	6.57	5.93	5.48	5.91	4.22	6.67	7.27	7.81	7.92	8.09	8.64
115	10.2	6.27	5.04	5.33	5.95	6.63	7.02	7.09	6.72	6.22	6.22	7.39	5.48	8.44	9.18	9.13	9.34	9.34	9.89
120	12.9	8.32	6.08	5.64	5.95	6.43	6.81	6.93	6.75	6.68	7.35	9.35	6.78	10.4	11.7	10.7	11.1	11.1	11.6
125	15.6	10.8	7.77	6.50	6.18	6.34	6.63	6.88	7.12	7.65	9.00	11.7	8.12	12.4	14.5	13.3	12.7	13.1	13.1
130	18.3	13.7	10.1	8.10	7.18	6.89	7.05	7.47	8.18	9.25	11.2	14.3	9.52	14.4	17.6	17.1	15.2	15.2	15.7
135	20.9	16.7	13.0	10.5	9.01	8.35	8.35	8.91	9.97	11.5	13.9	16.8	11.2	16.1	20.4	21.5	19.4	18.9	19.5
140	23.2	19.7	16.3	13.6	11.7	10.7	10.6	11.2	12.6	14.4	16.8	19.3	13.1	17.5	22.8	25.4	24.9	23.8	23.5
145	25.2	22.5	19.7	17.3	15.4	14.1	13.9	14.6	16.1	17.8	19.8	21.5	15.2	19.1	24.4	28.6	29.7	29.4	28.5
150	26.9	25.0	22.9	21.0	19.5	18.3	18.0	18.7	19.9	21.2	22.4	23.5	17.3	21.0	25.7	30.7	33.3	34.2	33.8
155	28.3	26.9	25.6	24.4	23.5	22.8	22.6	22.9	23.6	24.2	24.7	25.2	19.7	23.5	27.8	32.1	35.1	36.9	37.1
160	29.3	28.6	28.0	27.4	27.1	26.9	26.8	26.9	27.0	27.0	26.9	26.9	22.3	26.2	30.2	33.7	36.1	37.8	38.0
165	30.0	29.9	29.9	30.0	30.2	30.4	30.3	30.2	30.0	29.4	28.7	28.3	25.0	28.9	32.4	35.4	37.3	38.7	38.9
170	30.4	30.9	31.5	32.2	32.8	33.4	33.3	33.1	32.5	31.4	30.3	29.5	27.2	30.6	33.5	35.9	37.5	38.7	38.8
175	30.3	31.5	32.6	33.7	34.7	35.6	35.6	35.2	34.2	32.7	31.3	29.8	28.7	31.4	33.7	35.5	37.0	38.0	38.0
180	29.8	31.7	33.3	34.8	36.1	37.1	36.9	36.5	35.3	33.6	31.8	29.7	29.8	31.6	33.3	34.8	36.1	37.0	36.9

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:120.14V I:0.6345A P:76.225W PF:0.9892 Freq:59.98Hz Lamp Flux:13533.9x1 lm		
NAME: XWPD(76/105/125)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	6001	6001	6001	6001	6001														
5	5329	5408	5516	5683	5833														
10	4318	4502	4748	5131	5516														
15	3174	3439	3868	4439	5066														
20	2003	2315	2855	3607	4488														
25	1210	1373	1812	2670	3762														
30	1025	1031	1184	1699	2887														
35	999	949	974	1176	1897														
40	1060	939	881	992	1249														
45	1271	1082	839	884	1050														
50	1601	1332	956	794	902														
55	1717	1543	1192	783	768														
60	1441	1358	1208	841	618														
65	850	999	902	766	502														
70	537	509	571	572	394														
75	397	371	325	330	270														
80	260	252	219	188	154														
85	102	122	120	91.0	68.8														
90	19.3	28.5	29.8	23.4	11.0														
95	6.12	6.47	5.74	4.38	2.54														
100	7.75	7.49	6.37	4.92	3.15														
105	8.52	8.16	7.01	5.63	3.90														
110	9.41	8.99	7.92	6.55	4.83														
115	10.6	10.19	9.14	7.69	5.84														
120	12.0	11.8	10.9	8.62	6.90														
125	13.7	14.5	12.5	9.72	7.97														
130	17.4	17.4	14.1	11.5	9.23														
135	20.4	19.0	16.3	13.9	10.30														
140	23.4	22.5	20.5	16.2	11.5														
145	28.3	27.3	24.2	18.5	13.1														
150	33.4	31.5	27.2	20.9	15.7														
155	36.4	33.9	29.4	23.9	18.9														
160	37.4	35.2	31.7	27.3	22.6														
165	38.3	36.5	33.9	30.3	26.1														
170	38.3	36.8	34.8	32.0	28.4														
175	37.5	36.2	34.4	32.2	29.3														
180	36.5	35.3	33.6	31.8	29.7														

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: