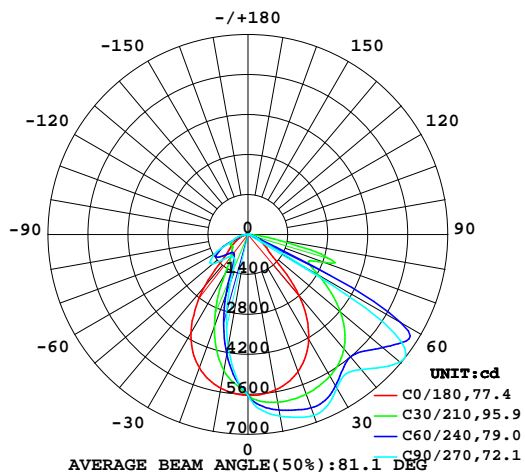


LUMINAIRE PHOTOMETRIC TEST REPORT

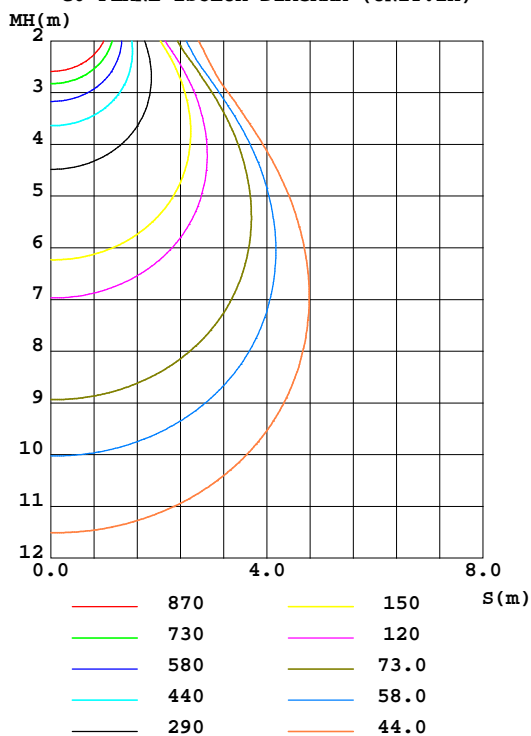
Test:U:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 167.69 lm/W			
MODEL		I _{max} (cd)	7055	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)	12770	h UP,DN(C0-180)	0.2,74.9
NOMINAL FLUX(lm)	12770.4	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:

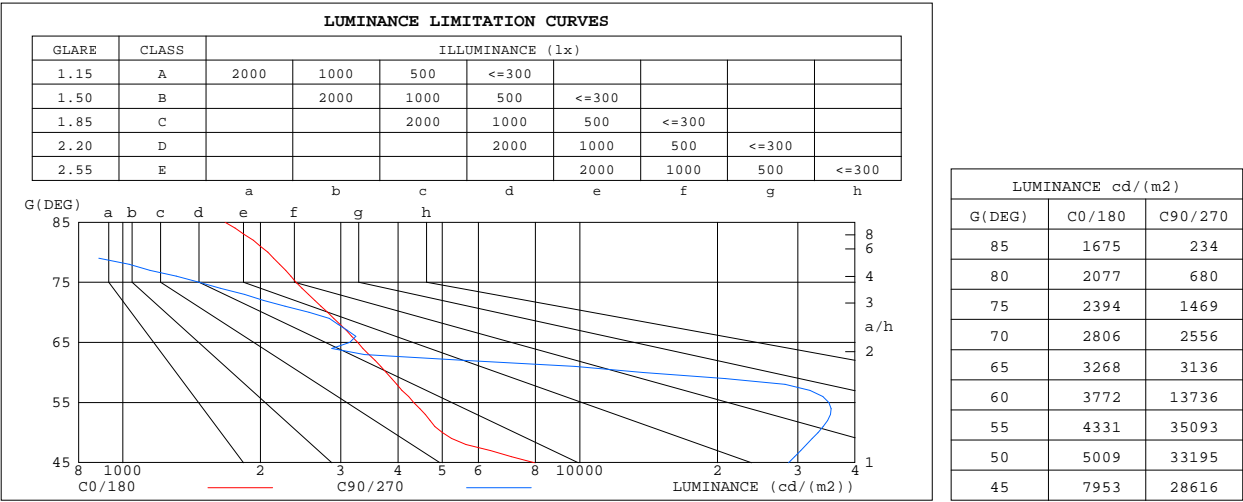
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	5529	6112	6455	6292	5471	4526	4007	4438	0- 10	525.9	525.9	4.12,4.12
20	5116	6222	6745	6421	4977	2793	1809	2680	10- 20	1404	1930	15.1,15.1
30	4252	6097	6227	6334	3996	1156	971.4	1165	20- 30	1908	3838	30.1,30.1
40	2785	5449	6179	5707	2346	809.4	1035	851.6	30- 40	2129	5967	46.7,46.7
50	1004	4975	6946	4995	905.2	845.7	1595	920.4	40- 50	2321	8288	64.9,64.9
60	587.8	5436	2236	5376	527.0	991.5	1351	1124	50- 60	2452	10740	84.1,84.1
70	299.2	2315	284.6	2824	257.2	462.7	518.4	541.9	60- 70	1351	12091	94.7,94.7
80	112.4	237.4	38.47	259.4	85.52	184.4	248.4	210.9	70- 80	513.4	12604	98.7,98.7
90	3.970	2.601	2.872	3.121	1.199	18.03	19.04	30.47	80- 90	93.45	12697	99.4,99.4
100	3.903	3.833	4.763	4.483	2.162	5.413	6.778	6.117	90-100	4.754	12702	99.5,99.5
110	7.386	4.838	6.392	5.612	3.985	7.419	8.241	7.554	100-110	5.798	12708	99.5,99.5
120	12.11	5.377	6.474	6.363	6.452	10.14	10.97	10.35	110-120	7.252	12715	99.6,99.6
130	17.22	7.672	6.677	8.747	9.019	16.15	14.83	13.31	120-130	8.837	12724	99.6,99.6
140	21.83	12.81	9.946	13.55	12.38	24.14	22.18	19.41	130-140	10.83	12735	99.7,99.7
150	25.28	19.70	16.84	19.85	16.43	29.14	32.05	25.81	140-150	12.39	12747	99.8,99.8
160	27.55	25.79	25.05	25.41	21.07	31.96	36.07	30.10	150-160	11.73	12759	99.9,99.9
170	28.62	30.29	31.39	29.60	25.67	33.91	36.81	32.94	160-170	8.377	12767	100,100
180	27.98	32.86	34.90	31.81	27.98	32.85	34.91	31.78	170-180	3.019	12770	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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



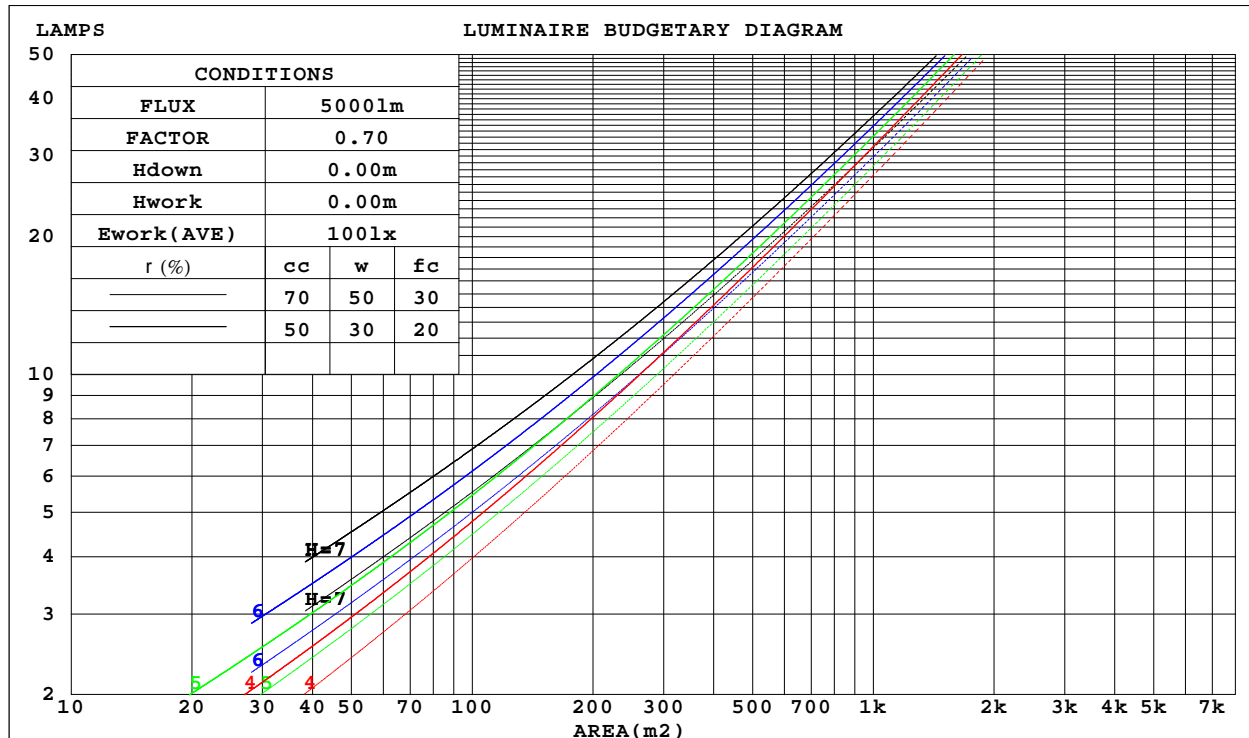
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)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	.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	.37	.36
8.0	.49	.40	.34	.48	.40	.34	.46	.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	.30	.29
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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)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	.280	.159	.050	.273	.156	.049	.259	.149	.047	.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	.136	.041	.249	.133	.040	.239	.129	.039	.229	.125	.038	.220	.122	.038	
4.0	.238	.124	.036	.233	.122	.036	.223	.119	.035	.215	.115	.035	.207	.112	.034	
5.0	.222	.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	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.178	.088	.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	.010	
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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm											
NAME: XWPD(76/105/125)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	18.4	19.8	18.6	20.0	20.2	
	3H	13.9	15.2	14.2	15.5	15.7	18.2	19.5	18.5	19.8	20.0
	4H	13.9	15.1	14.2	15.4	15.7	18.1	19.3	18.4	19.6	19.9
	6H	13.8	15.0	14.2	15.3	15.6	18.0	19.2	18.3	19.4	19.7
	8H	13.8	14.9	14.1	15.2	15.5	17.9	19.1	18.3	19.4	19.7
	12H	13.8	14.9	14.1	15.2	15.5	17.9	19.0	18.2	19.3	19.6
4H	2H	16.8	18.1	17.1	18.3	18.6	19.2	20.4	19.5	20.7	21.0
	3H	18.0	19.1	18.3	19.4	19.7	19.0	20.1	19.4	20.4	20.8
	4H	18.4	19.4	18.8	19.7	20.1	18.9	20.0	19.3	20.3	20.6
	6H	18.4	19.3	18.8	19.7	20.0	18.9	19.7	19.3	20.1	20.5
	8H	18.4	19.2	18.8	19.6	20.0	18.8	19.6	19.2	20.0	20.4
	12H	18.3	19.1	18.8	19.5	19.9	18.8	19.5	19.2	19.9	20.3
8H	4H	18.7	19.5	19.1	19.9	20.3	19.1	20.0	19.6	20.3	20.7
	6H	18.9	19.6	19.4	20.0	20.4	19.1	19.7	19.5	20.1	20.6
	8H	19.0	19.6	19.4	20.0	20.5	19.0	19.6	19.5	20.1	20.5
	12H	19.0	19.5	19.4	19.9	20.4	19.0	19.5	19.5	19.9	20.4
12H	4H	18.6	19.4	19.1	19.8	20.2	19.1	19.9	19.6	20.3	20.7
	6H	18.9	19.5	19.4	19.9	20.4	19.1	19.7	19.5	20.1	20.6
	8H	19.0	19.5	19.5	19.9	20.4	19.0	19.5	19.5	20.0	20.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.8 / - 0.8					+ 1.3 / - 1.9					
1.5H	+ 1.2 / - 1.2					+ 2.2 / - 3.2					
2.0H	+ 1.0 / - 1.7					+ 2.0 / - 3.6					

CIE Pub.117, 12770 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 8.8)
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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

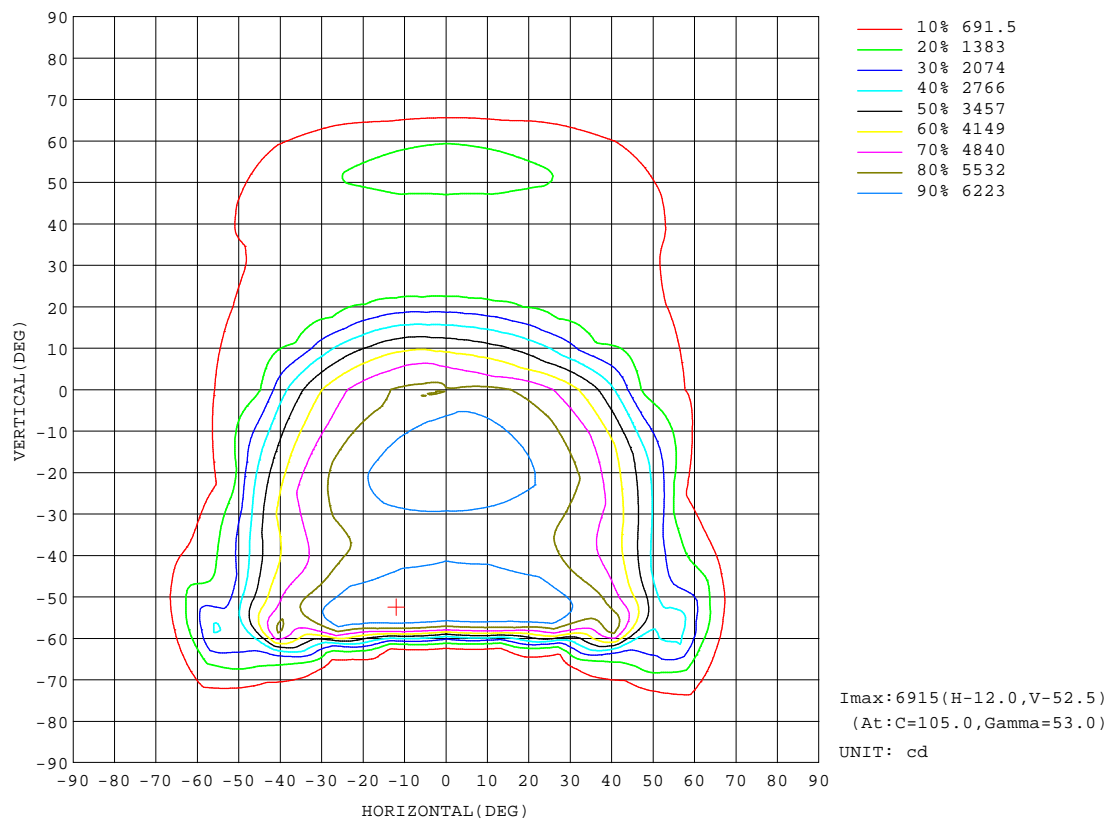
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	40	57	46	39	56	46	39	33
0.80	69	57	50	68	57	50	66	56	49	43
1.00	78	67	60	76	66	60	74	67	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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



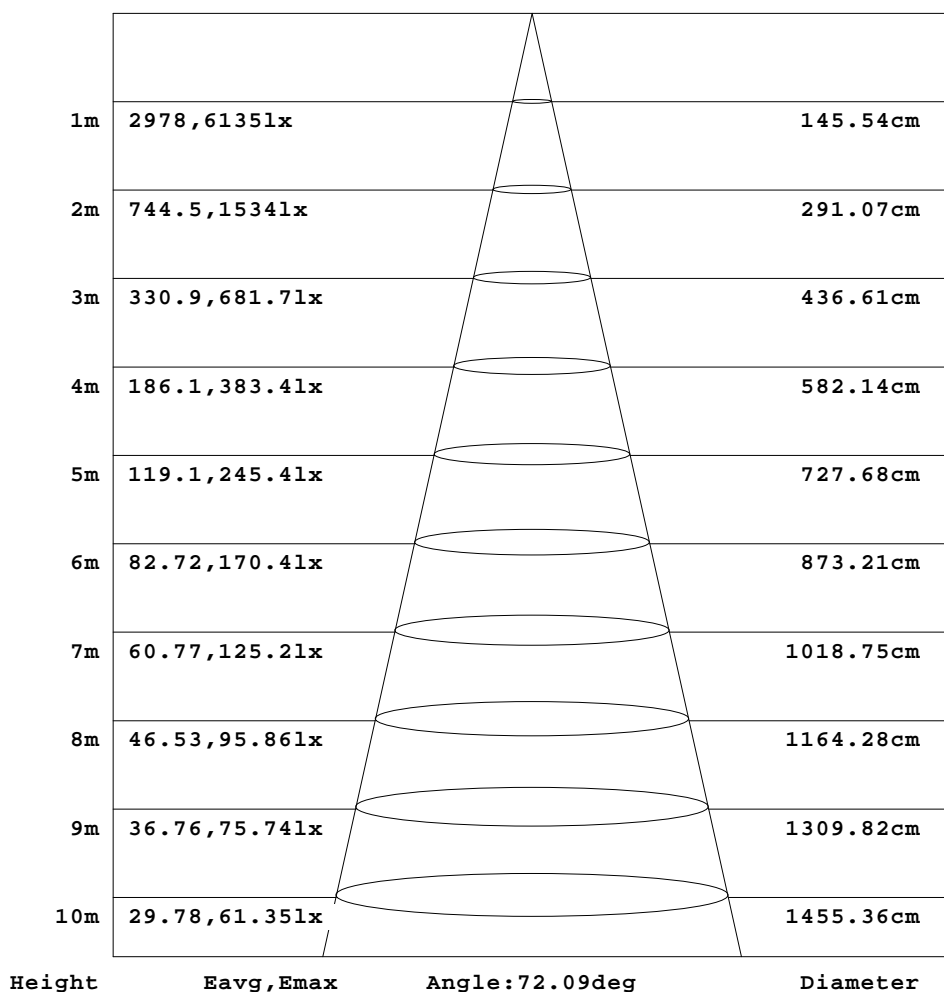
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-28

g Range: 0 - 180DEG
q 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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:5312 lm



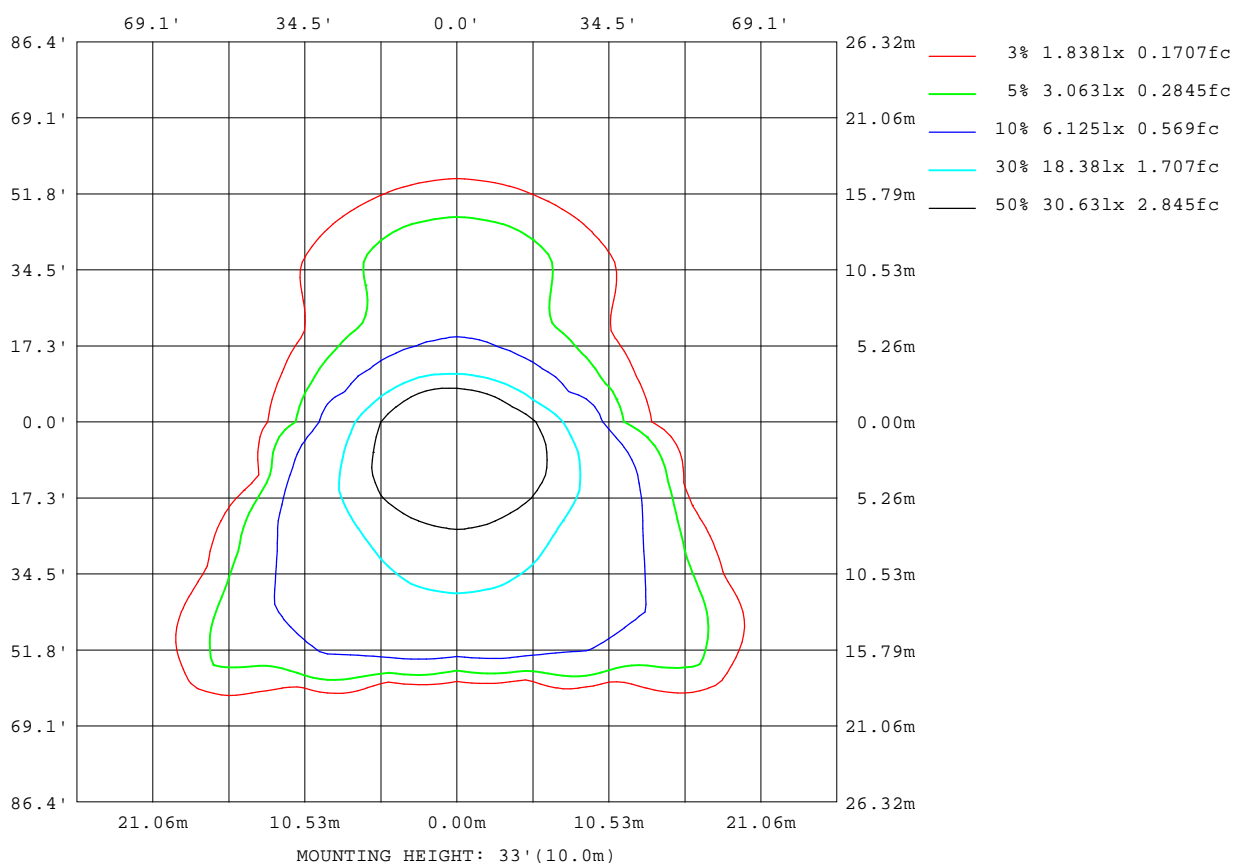
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)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: 2024-06-28

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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

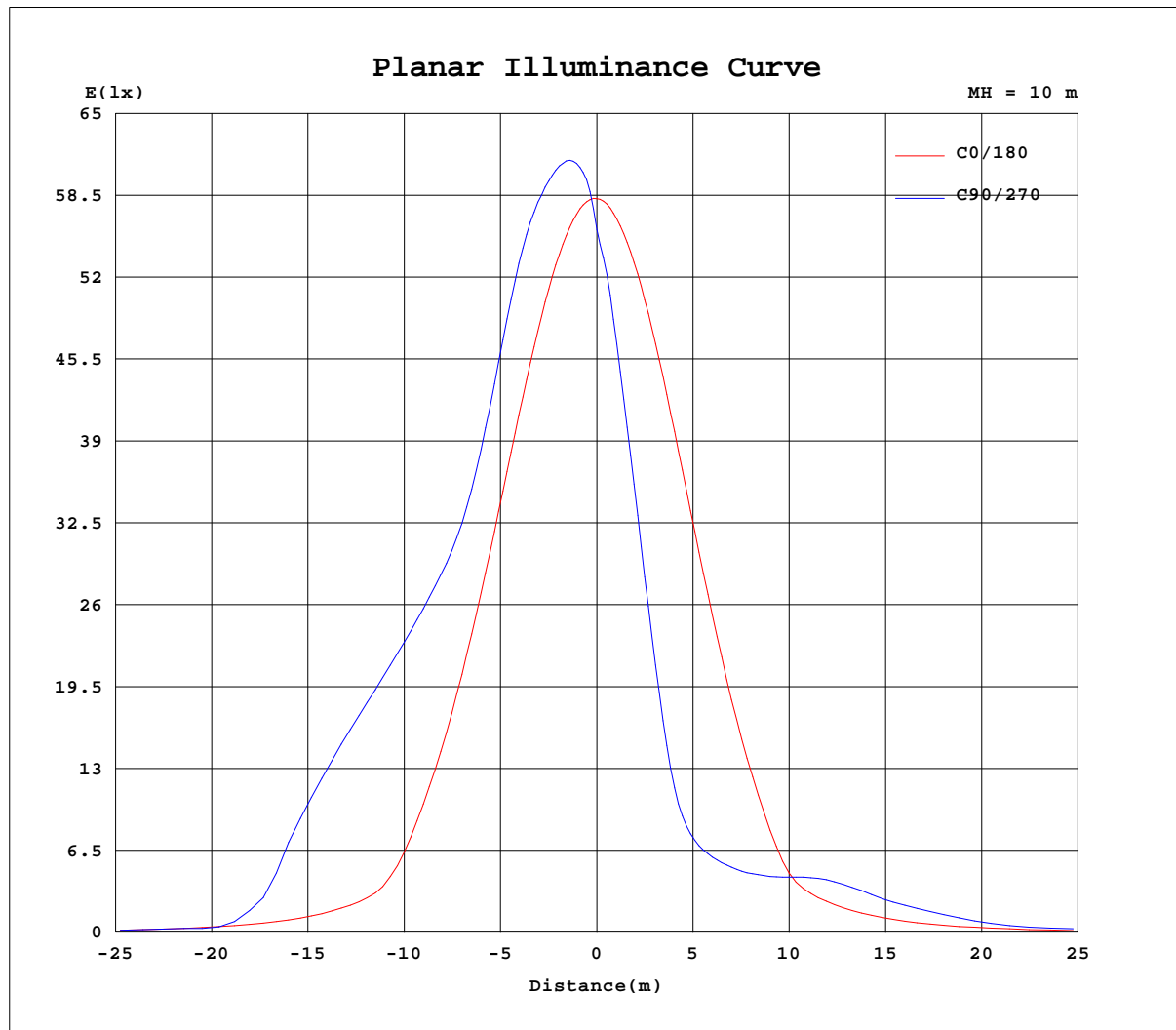
AvgL	cd/m2
L_0~180(65)av	2981
L_0~180(75)av	2124
L_0~180(85)av	1287
L_90~270(65)av	4296
L_90~270(75)av	3092
L_90~270(85)av	1818
L_45(65)av	24668
L_45(75)av	6817
L_45(85)av	2484

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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)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	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633	5633
5	5618	5771	5871	5958	6041	6166	6203	6219	6177	6098	5941	5709	5584	5378	5246	5158	5074	5007	4971
10	5529	5791	5962	6112	6243	6409	6455	6471	6408	6292	6112	5812	5471	5091	4843	4526	4261	4062	4007
15	5368	5733	5980	6185	6362	6567	6628	6636	6539	6385	6138	5783	5273	4721	4227	3711	3298	3008	2904
20	5116	5608	5949	6222	6457	6684	6745	6765	6639	6421	6085	5616	4977	4213	3445	2793	2275	1917	1809
25	4751	5411	5868	6225	6403	6569	6605	6688	6650	6412	5971	5360	4559	3547	2575	1810	1361	1177	1148
30	4252	5139	5733	6097	6128	6210	6227	6348	6440	6334	5797	5002	3996	2722	1643	1156	983	954	971
35	3608	4776	5536	5809	5783	5908	5972	6010	6075	6102	5561	4529	3253	1770	1112	918	853	915	952
40	2785	4301	5230	5449	5595	6026	6179	6056	5793	5707	5238	3924	2346	1150	911	809	831	982	1035
45	1753	3690	4793	5150	5770	6395	6587	6424	5835	5320	4783	3146	1290	934	800	758	957	1180	1253
50	1004	2918	4237	4975	6164	6792	6946	6867	6236	4995	4182	2214	905	781	708	846	1189	1500	1595
55	774	2060	3557	5151	6597	6769	6553	6976	6714	5022	3394	944	699	641	685	1046	1376	1548	1613
60	588	782	2856	5436	6179	3602	2236	3944	6785	5376	2563	673	527	502	719	992	1167	1296	1351
65	431	565	2337	5982	1518	401	432	405	2162	5875	1931	513	382	408	620	751	861	749	739
70	299	436	2870	2315	380	306	285	305	482	2824	2375	387	257	308	455	463	451	487	518
75	193	286	2659	778	169	139	124	139	179	903	2413	240	161	200	239	280	326	364	392
80	112	165	942	237	58.2	45.6	38.5	42.9	57.5	259	824	127	85.5	106	153	184	224	240	248
85	45.5	93.8	206	32.8	11.1	8.60	6.65	7.19	8.42	31.1	141	47.1	26.8	44.3	62.9	98.5	108	95.8	95.5
90	3.97	1.94	2.34	2.60	2.66	2.72	2.87	3.16	3.35	3.12	2.83	2.45	1.20	1.90	7.82	18.0	22.5	16.8	19.0
95	2.80	2.37	2.76	3.21	3.51	3.66	3.81	4.05	4.12	3.78	3.40	3.06	1.59	2.58	3.63	4.70	5.22	5.37	5.11
100	3.90	2.89	3.27	3.83	4.29	4.58	4.76	4.97	4.91	4.48	4.03	3.73	2.16	3.55	4.49	5.41	5.97	6.42	6.78
105	5.45	3.52	3.77	4.42	5.02	5.47	5.70	5.86	5.66	5.12	4.65	4.56	2.95	4.79	5.55	6.27	6.61	6.98	7.49
110	7.39	4.48	4.25	4.84	5.48	6.09	6.39	6.49	6.18	5.61	5.23	5.64	3.99	6.35	6.90	7.42	7.56	7.74	8.24
115	9.65	5.90	4.79	5.07	5.64	6.26	6.61	6.68	6.36	5.91	5.93	7.04	5.20	8.04	8.70	8.66	8.88	8.92	9.41
120	12.1	7.82	5.76	5.38	5.63	6.14	6.47	6.57	6.43	6.36	6.98	8.86	6.45	9.90	11.1	10.1	10.5	10.6	11.0
125	14.7	10.2	7.33	6.19	5.88	6.05	6.30	6.53	6.77	7.28	8.52	11.1	7.68	11.9	13.8	12.5	12.0	12.4	12.4
130	17.2	12.8	9.53	7.67	6.80	6.56	6.68	7.08	7.73	8.75	10.6	13.4	9.02	13.8	16.7	16.2	14.3	14.5	14.8
135	19.7	15.7	12.3	9.87	8.49	7.88	7.87	8.39	9.39	10.8	13.1	15.8	10.6	15.4	19.5	20.3	18.3	17.9	18.4
140	21.8	18.5	15.3	12.8	11.0	10.1	9.95	10.6	11.8	13.5	15.8	18.1	12.4	16.6	21.7	24.1	23.6	22.6	22.2
145	23.7	21.2	18.5	16.2	14.4	13.2	13.0	13.6	15.1	16.7	18.5	20.2	14.4	18.2	23.2	27.2	28.1	27.9	27.0
150	25.3	23.4	21.5	19.7	18.3	17.2	16.8	17.5	18.7	19.8	21.0	22.1	16.4	20.0	24.5	29.1	31.6	32.5	32.1
155	26.5	25.3	24.1	22.9	22.0	21.4	21.1	21.5	22.1	22.7	23.2	23.7	18.6	22.2	26.4	30.4	33.3	35.1	35.2
160	27.6	26.9	26.3	25.8	25.4	25.2	25.1	25.2	25.4	25.4	25.3	25.3	21.1	24.8	28.6	32.0	34.3	35.9	36.1
165	28.3	28.1	28.2	28.2	28.4	28.6	28.4	28.4	28.2	27.6	27.0	26.7	23.7	27.3	30.6	33.4	35.3	36.8	36.9
170	28.6	29.1	29.6	30.3	30.9	31.4	31.4	31.2	30.6	29.6	28.6	27.8	25.7	28.8	31.7	33.9	35.5	36.8	36.8
175	28.5	29.6	30.7	31.8	32.8	33.6	33.5	33.2	32.3	30.9	29.5	28.2	27.0	29.6	31.8	33.6	34.9	36.0	36.0
180	28.0	29.8	31.4	32.9	34.0	35.1	34.9	34.5	33.4	31.8	30.0	28.0	28.0	29.8	31.4	32.9	34.0	35.1	34.9

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:120.31V I:0.6330A P:76.156W PF:0.9894 Freq:59.98Hz Lamp Flux:12770.4x1 lm		
NAME: XWPD(76/105/125)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	5633	5633	5633	5633	5633														
5	4982	5061	5165	5316	5472														
10	4032	4201	4438	4798	5174														
15	2974	3212	3613	4149	4753														
20	1884	2178	2680	3372	4210														
25	1179	1330	1725	2509	3528														
30	978	1004	1165	1634	2722														
35	945	903	948	1163	1821														
40	1011	895	852	968	1233														
45	1204	1030	814	858	1022														
50	1530	1266	920	770	874														
55	1585	1454	1137	760	742														
60	1334	1247	1124	797	595														
65	789	930	837	721	482														
70	502	486	542	540	377														
75	377	351	315	318	260														
80	250	241	211	184	153														
85	104	119	117	89.8	69.1														
90	21.6	28.9	30.5	24.5	12.2														
95	5.73	6.13	5.49	4.20	2.41														
100	7.33	7.16	6.12	4.73	3.00														
105	8.12	7.81	6.71	5.38	3.72														
110	8.98	8.59	7.55	6.27	4.60														
115	10.11	9.70	8.69	7.32	5.57														
120	11.4	11.2	10.4	8.19	6.56														
125	13.0	13.7	11.9	9.21	7.57														
130	16.4	16.5	13.3	10.8	8.76														
135	19.2	18.0	15.4	13.1	9.79														
140	22.2	21.2	19.4	15.4	10.9														
145	26.8	25.8	23.0	17.6	12.5														
150	31.6	29.9	25.8	19.8	14.9														
155	34.6	32.1	27.9	22.7	17.9														
160	35.5	33.4	30.1	25.8	21.4														
165	36.3	34.6	32.1	28.7	24.7														
170	36.3	34.9	32.9	30.2	26.8														
175	35.5	34.3	32.5	30.4	27.7														
180	34.5	33.4	31.8	30.0	28.0														

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: