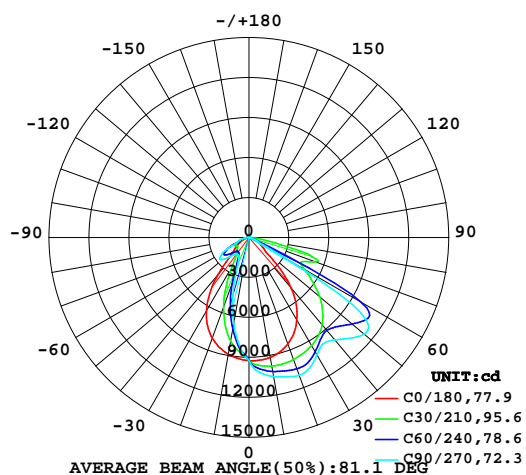


## LUMINAIRE PHOTOMETRIC TEST REPORT

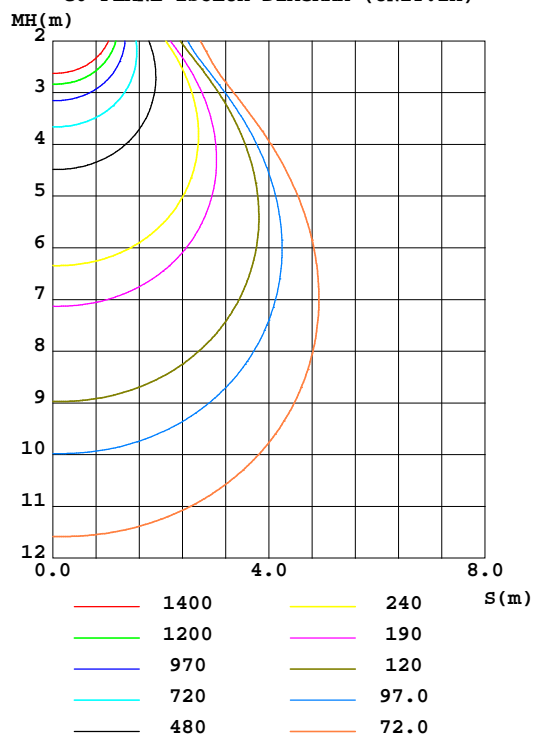
Test:U:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 166.06 lm/W			
MODEL		I <sub>max</sub> (cd)	11430	S/MH(C0/180)	1.07
NOMINAL POWER(W)	125	LOR(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	20769	h UP,DN(C0-180)	0.2,74.8
NOMINAL FLUX(lm)	20768.6	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,24.6
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:2024-06-28

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:

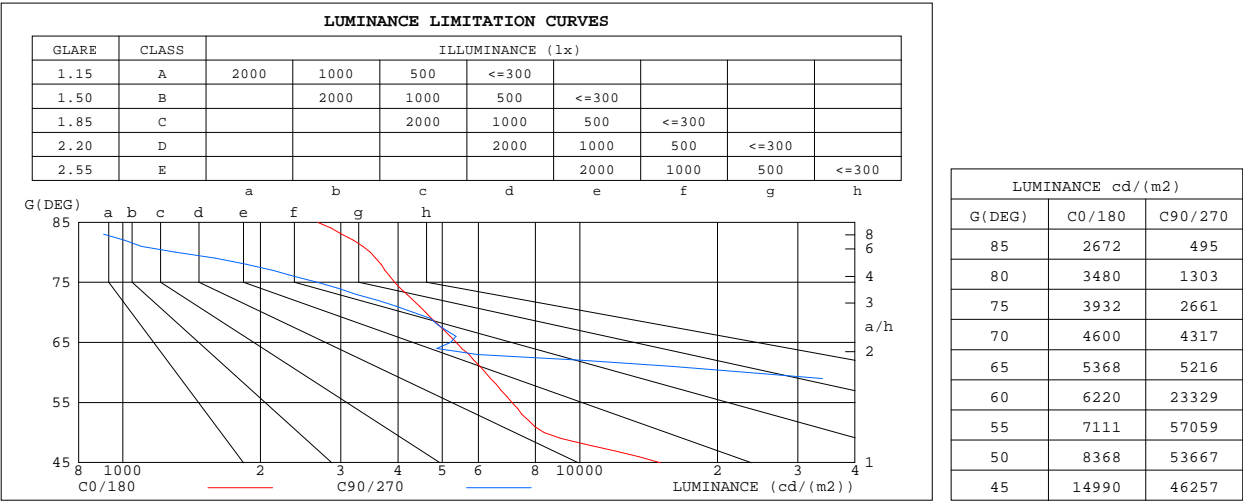
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	914.0	1002	1059	1031	890.5	740.0	660.1	736.9	0- 10	863.4	863.4	4.16,4.16
20	852.2	1016	1101	1043	805.2	453.0	295.7	451.6	10- 20	2304	3167	15.2,15.2
30	719.3	993.1	1019	1024	640.5	180.7	157.6	190.9	20- 30	3117	6284	30.3,30.3
40	492.0	887.2	1004	925.7	360.4	129.1	167.9	139.3	30- 40	3463	9747	46.9,46.9
50	165.9	819.9	1128	790.3	145.8	139.9	257.3	143.8	40- 50	3759	13506	65,65
60	95.95	910.6	381.3	822.5	87.05	171.2	225.9	182.9	50- 60	3976	17483	84.2,84.2
70	48.54	300.3	48.27	555.1	43.31	74.61	85.33	89.54	60- 70	2197	19680	94.8,94.8
80	18.64	32.71	7.396	51.58	14.38	30.74	39.63	33.52	70- 80	818.4	20498	98.7,98.7
90	0.4868	0.4286	0.4734	0.5060	0.1960	3.116	2.734	4.824	80- 90	152.1	20650	99.4,99.4
100	0.5953	0.6376	0.7878	0.7235	0.3762	0.8734	1.102	0.9640	90-100	7.635	20658	99.5,99.5
110	1.131	0.7965	1.054	0.9033	0.6930	1.195	1.346	1.194	100-110	9.367	20667	99.5,99.5
120	1.882	0.8668	1.048	1.035	1.104	1.629	1.785	1.643	110-120	11.69	20679	99.6,99.6
130	2.732	1.231	1.087	1.452	1.525	2.551	2.421	2.102	120-130	14.27	20693	99.6,99.6
140	3.519	2.073	1.634	2.263	2.065	3.890	3.594	3.088	130-140	17.56	20711	99.7,99.7
150	4.109	3.221	2.780	3.285	2.725	4.758	5.183	4.087	140-150	20.14	20731	99.8,99.8
160	4.497	4.220	4.122	4.160	3.497	5.215	5.849	4.815	150-160	19.10	20750	99.9,99.9
170	4.688	4.957	5.130	4.817	4.258	5.533	5.976	5.312	160-170	13.65	20764	100,100
180	4.605	5.371	5.673	5.146	4.621	5.363	5.678	5.141	170-180	4.916	20769	100,100
DEG	LUMINOUS INTENSITY:×10cd									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:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



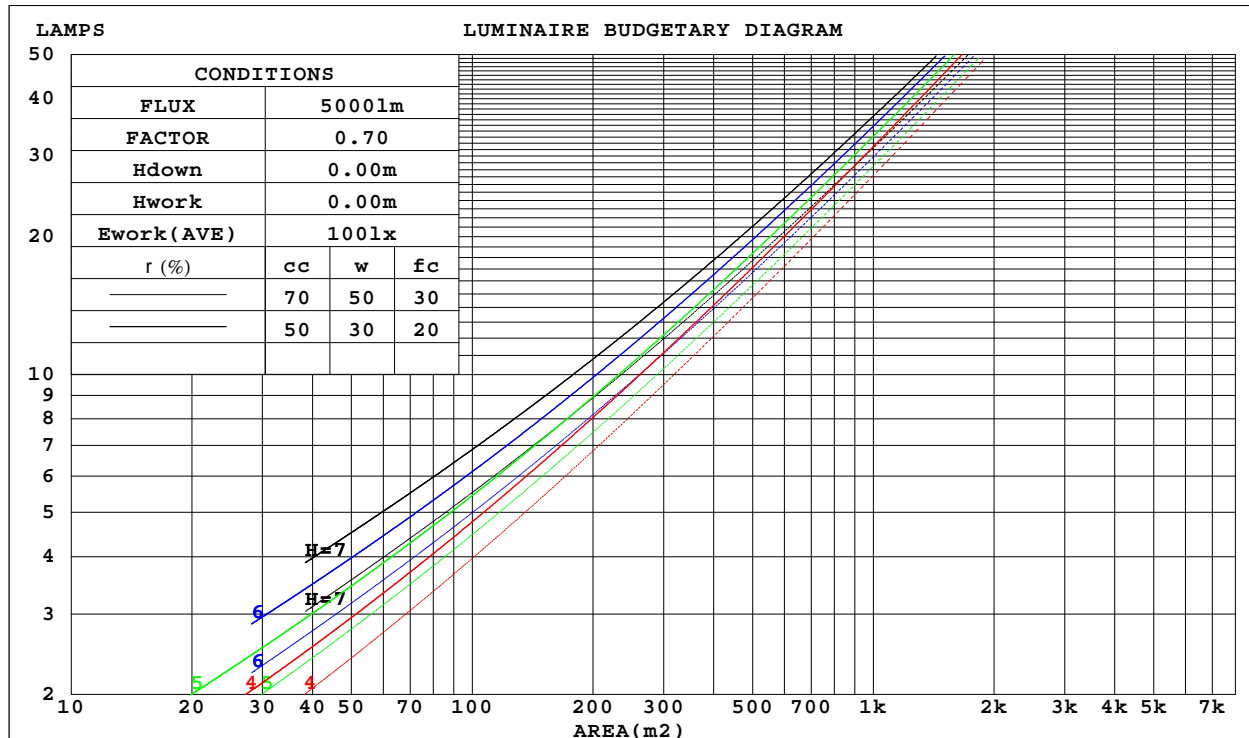
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Richard  
Test Date:2024-06-28

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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 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	.00	.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	.64	.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	.50	.62	.55	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.59	.50	.44	.58	.49	.43	.56	.48	.43	.54	.48	.43	.52	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.39	.51	.44	.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	.33	.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:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 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	.279	.159	.050	.272	.155	.049	.259	.148	.047	.246	.142	.046	.235	.136	.044	
2.0	.270	.148	.045	.264	.145	.045	.252	.140	.044	.241	.135	.042	.231	.131	.041	
3.0	.254	.135	.041	.249	.133	.040	.238	.129	.039	.228	.125	.038	.220	.122	.038	
4.0	.237	.123	.036	.232	.122	.036	.223	.118	.035	.214	.115	.035	.206	.112	.034	
5.0	.221	.113	.033	.217	.111	.032	.209	.109	.032	.201	.106	.032	.194	.103	.031	
6.0	.206	.103	.030	.202	.102	.029	.195	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.193	.095	.027	.189	.094	.027	.183	.092	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.178	.087	.025	.172	.086	.024	.166	.084	.024	.161	.083	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.078	.022	.152	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.152	.075	.021	.148	.073	.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	.065	.136	.091	.056	.093	.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	.039	.118	.069	.034	.082	.048	.024	.048	.028	.014	.015	.009	.005	
8.0	.131	.074	.034	.113	.064	.030	.078	.045	.021	.046	.026	.012	.015	.009	.004	
9.0	.125	.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:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 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	14.1	15.5	14.4	15.7	16.0	18.3	19.7	18.5	19.9	20.2	
	3H	14.3	15.7	14.6	15.9	16.2	18.1	19.4	18.4	19.7	19.9
	4H	14.3	15.6	14.6	15.8	16.1	18.0	19.3	18.3	19.5	19.8
	6H	14.2	15.4	14.6	15.7	16.0	17.9	19.1	18.2	19.4	19.6
	8H	14.2	15.4	14.6	15.7	16.0	17.8	19.0	18.2	19.3	19.6
	12H	14.2	15.3	14.5	15.6	15.9	17.8	18.9	18.1	19.2	19.5
4H	2H	16.9	18.2	17.2	18.4	18.7	19.0	20.3	19.4	20.6	20.8
	3H	18.2	19.3	18.6	19.6	19.9	18.9	20.0	19.3	20.3	20.6
	4H	18.6	19.6	18.9	19.9	20.2	18.8	19.8	19.2	20.1	20.5
	6H	18.5	19.4	19.0	19.8	20.2	18.7	19.6	19.1	20.0	20.3
	8H	18.5	19.3	18.9	19.7	20.1	18.7	19.5	19.1	19.9	20.3
	12H	18.5	19.2	18.9	19.6	20.1	18.6	19.4	19.1	19.8	20.2
8H	4H	18.7	19.5	19.1	19.9	20.3	19.0	19.8	19.4	20.2	20.6
	6H	18.9	19.6	19.4	20.0	20.4	18.9	19.6	19.4	20.0	20.4
	8H	19.0	19.6	19.4	20.0	20.5	18.9	19.5	19.3	19.9	20.4
	12H	19.0	19.5	19.4	19.9	20.4	18.8	19.3	19.3	19.8	20.3
12H	4H	18.7	19.4	19.1	19.8	20.2	19.0	19.7	19.4	20.1	20.5
	6H	18.9	19.5	19.4	19.9	20.4	18.9	19.5	19.4	19.9	20.4
	8H	19.0	19.5	19.4	19.9	20.4	18.9	19.4	19.4	19.8	20.3
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.8 / - 0.8					+ 1.5 / - 2.5					
1.5H	+ 1.1 / - 1.6					+ 2.3 / - 3.5					
2.0H	+ 1.0 / - 2.7					+ 2.0 / - 4.1					

CIE Pub.117, 20769 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 10.5)  
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:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

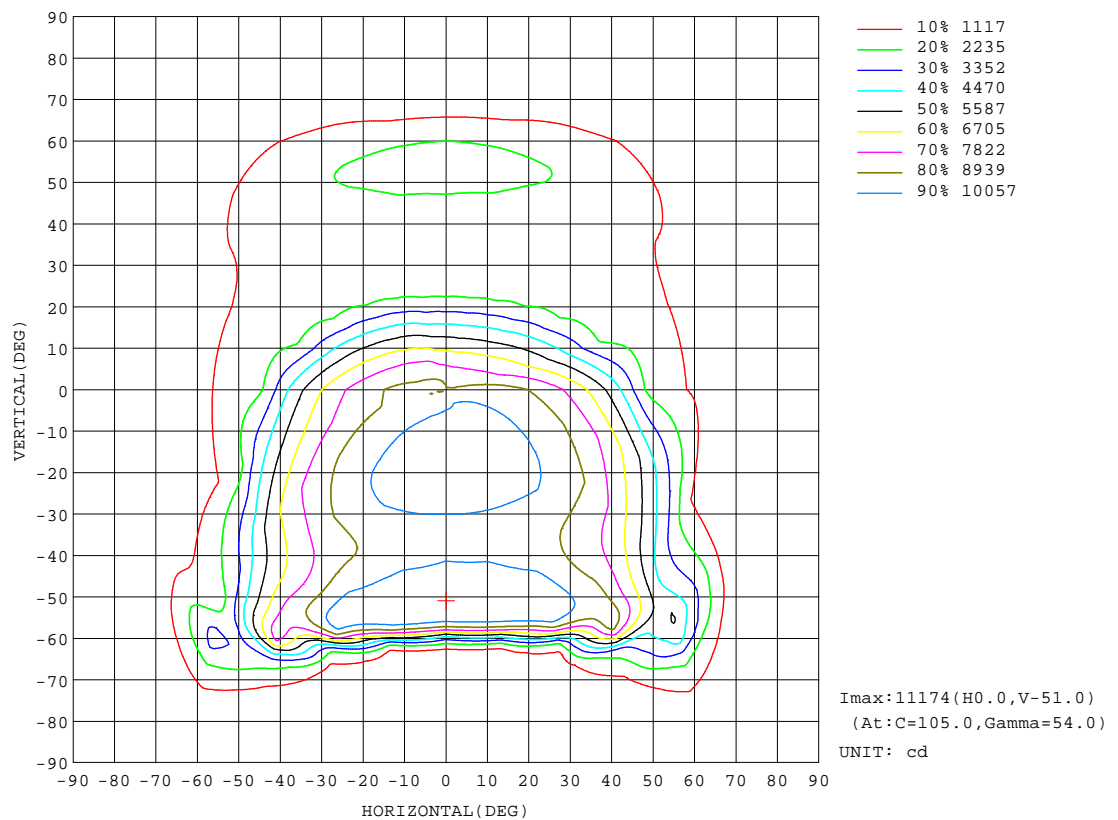
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	47	40	57	46	40	56	46	39	33
0.80	69	57	50	68	57	50	66	56	50	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	74	85	78	72	65
2.00	97	89	83	95	88	82	91	85	80	73
2.50	100	93	88	98	92	87	95	89	85	77
3.00	104	97	92	101	96	91	97	93	89	81
4.00	107	102	98	105	100	96	101	97	94	85
5.00	109	105	101	107	103	100	103	99	97	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:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 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

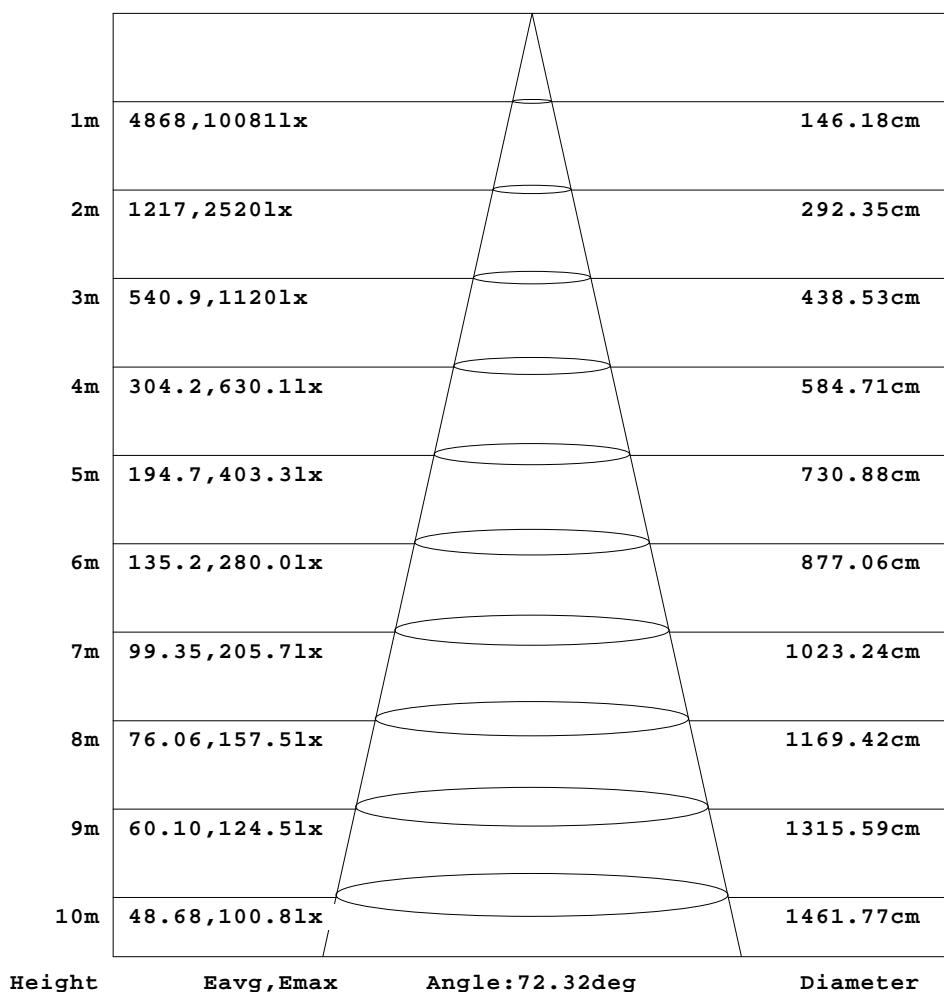
g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.442  
Humidity:65.0%  
Test Distance:8.930m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:8684 lm



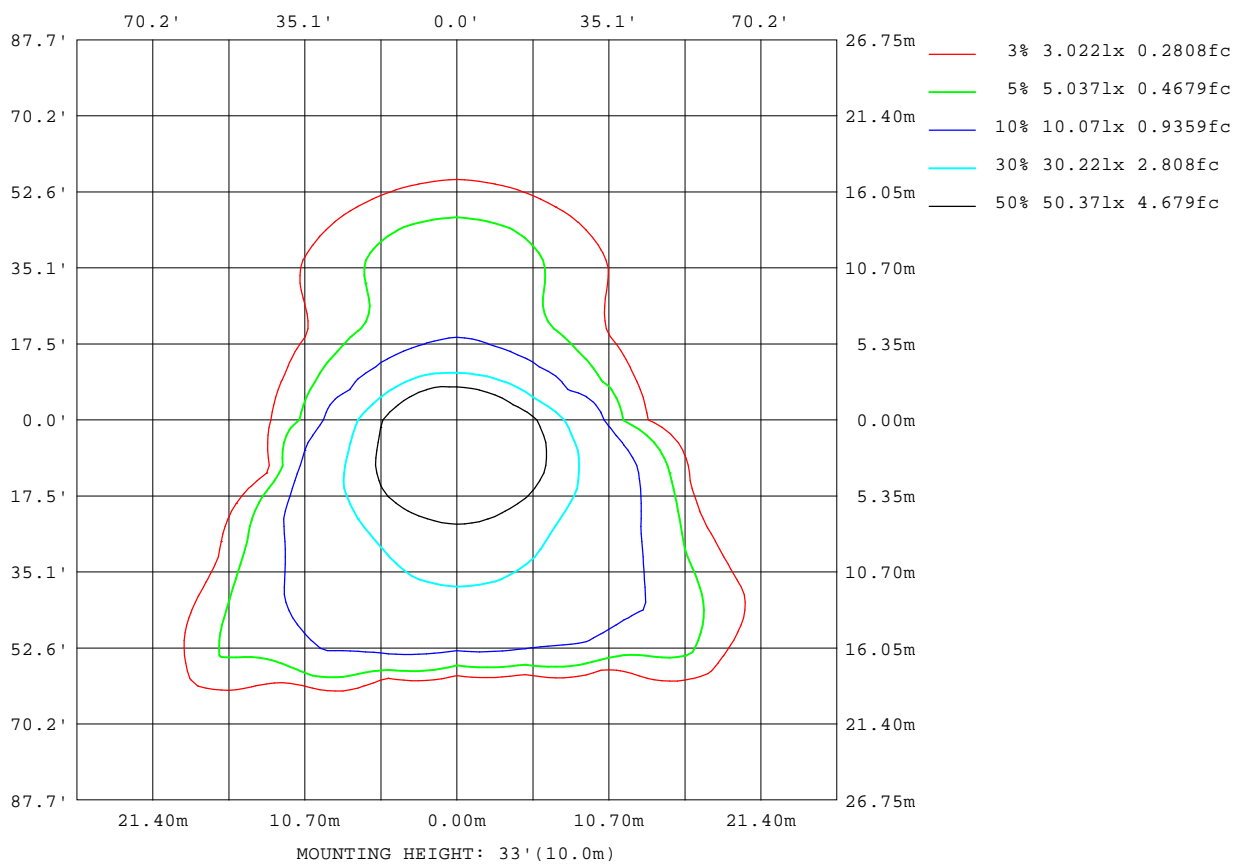
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 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:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

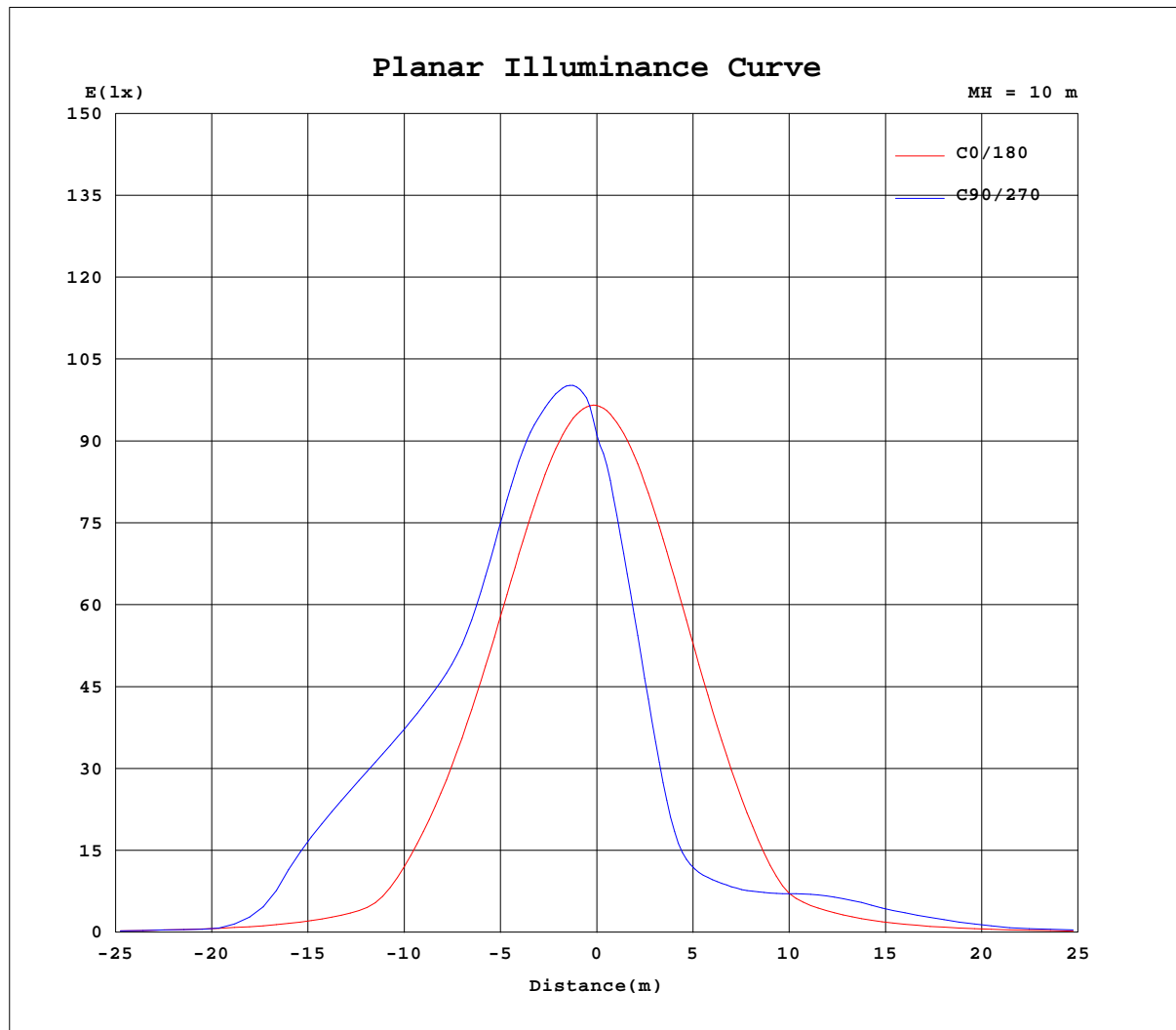
AvgL	cd/m2
L_0~180(65)av	4911
L_0~180(75)av	3507
L_0~180(85)av	2106
L_90~270(65)av	7114
L_90~270(75)av	5125
L_90~270(85)av	2860
L_45(65)av	38464
L_45(75)av	11132
L_45(85)av	4078

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:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 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: x10cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924
5	924	950	964	978	991	1013	1020	1022	1015	1001	973	932	912	878	858	846	833	820	817
10	914	954	980	1002	1020	1051	1059	1061	1051	1031	1000	945	891	831	791	740	700	666	660
15	891	946	983	1012	1037	1072	1082	1083	1068	1043	1002	940	855	771	687	606	545	493	481
20	852	927	975	1016	1049	1089	1101	1102	1079	1043	990	909	805	683	559	453	373	310	296
25	796	897	960	1015	1039	1071	1080	1091	1082	1037	966	862	735	568	413	288	217	186	183
30	719	853	938	993	993	1015	1019	1039	1050	1024	932	798	641	429	255	181	155	154	158
35	620	795	906	944	937	963	973	980	993	988	887	714	518	270	172	145	138	150	155
40	492	720	855	887	910	982	1004	980	941	926	830	607	360	177	144	129	135	161	168
45	327	625	783	839	945	1042	1069	1037	933	857	754	476	194	148	127	122	157	195	204
50	166	510	693	820	1010	1106	1128	1110	992	790	656	299	146	125	114	140	196	245	257
55	126	378	588	859	1073	1093	1070	1137	1070	768	529	132	114	104	114	176	227	259	269
60	96.0	202	484	911	970	546	381	733	1113	823	390	104	87.0	83.9	124	171	199	216	226
65	70.0	93.8	436	945	170	68.6	72.1	69.8	445	886	272	78.8	63.8	67.8	106	128	144	121	122
70	48.5	73.4	539	300	56.0	51.3	48.3	52.4	92.7	555	236	58.6	43.3	53.0	77.2	74.6	74.9	80.8	85.3
75	31.4	48.1	407	107	28.1	24.8	22.5	25.9	34.4	169	362	38.1	27.1	33.9	39.0	46.2	54.4	59.8	63.0
80	18.6	29.2	140	32.7	9.58	8.40	7.40	8.42	11.2	51.6	140	18.6	14.4	17.0	24.9	30.7	37.2	38.3	39.6
85	7.19	20.1	33.3	4.46	1.66	1.71	1.41	1.58	1.79	6.24	28.5	5.58	4.65	7.07	10.7	16.6	17.4	14.7	14.7
90	0.49	0.32	0.38	0.43	0.44	0.45	0.47	0.53	0.55	0.51	0.45	0.39	0.20	0.33	1.42	3.12	3.81	2.50	2.73
95	0.43	0.39	0.46	0.53	0.58	0.61	0.63	0.67	0.67	0.61	0.54	0.49	0.27	0.43	0.60	0.76	0.83	0.86	0.83
100	0.60	0.48	0.54	0.64	0.71	0.76	0.79	0.82	0.80	0.72	0.65	0.61	0.38	0.59	0.74	0.87	0.96	1.04	1.10
105	0.83	0.57	0.63	0.73	0.83	0.90	0.94	0.96	0.92	0.83	0.75	0.75	0.52	0.79	0.91	1.01	1.05	1.13	1.22
110	1.13	0.71	0.70	0.80	0.90	1.00	1.05	1.06	1.00	0.90	0.85	0.94	0.69	1.04	1.12	1.19	1.20	1.25	1.35
115	1.48	0.93	0.77	0.83	0.92	1.03	1.08	1.09	1.02	0.95	0.97	1.19	0.89	1.33	1.39	1.40	1.41	1.44	1.53
120	1.88	1.23	0.92	0.87	0.91	1.00	1.05	1.06	1.03	1.04	1.16	1.51	1.10	1.63	1.77	1.63	1.67	1.71	1.79
125	2.30	1.61	1.17	0.99	0.95	0.98	1.02	1.06	1.10	1.20	1.43	1.88	1.31	1.97	2.21	1.98	1.92	2.00	2.01
130	2.73	2.04	1.52	1.23	1.10	1.06	1.09	1.16	1.27	1.45	1.78	2.27	1.52	2.29	2.70	2.55	2.28	2.34	2.42
135	3.15	2.51	1.96	1.59	1.38	1.28	1.29	1.39	1.56	1.81	2.20	2.65	1.77	2.57	3.16	3.25	2.88	2.90	2.99
140	3.52	2.99	2.47	2.07	1.80	1.63	1.63	1.75	1.97	2.26	2.64	3.02	2.07	2.77	3.55	3.89	3.74	3.64	3.59
145	3.84	3.43	3.00	2.64	2.36	2.16	2.14	2.26	2.51	2.78	3.08	3.36	2.39	3.01	3.82	4.41	4.50	4.49	4.36
150	4.11	3.81	3.49	3.22	3.00	2.81	2.78	2.90	3.09	3.28	3.48	3.65	2.72	3.29	4.03	4.76	5.09	5.25	5.18
155	4.32	4.13	3.93	3.75	3.61	3.50	3.48	3.54	3.65	3.74	3.82	3.90	3.09	3.67	4.34	4.97	5.40	5.69	5.70
160	4.50	4.39	4.30	4.22	4.17	4.13	4.12	4.14	4.17	4.16	4.14	4.15	3.50	4.10	4.69	5.21	5.56	5.83	5.85
165	4.62	4.61	4.60	4.62	4.64	4.68	4.66	4.65	4.61	4.51	4.41	4.36	3.93	4.50	5.03	5.46	5.74	5.97	5.99
170	4.69	4.77	4.85	4.96	5.04	5.14	5.13	5.09	4.99	4.82	4.66	4.54	4.26	4.75	5.19	5.53	5.77	5.97	5.98
175	4.69	4.87	5.03	5.20	5.34	5.49	5.47	5.40	5.24	5.01	4.79	4.57	4.48	4.86	5.21	5.48	5.68	5.85	5.84
180	4.61	4.90	5.14	5.37	5.53	5.71	5.67	5.60	5.40	5.15	4.86	4.53	4.62	4.89	5.15	5.36	5.54	5.70	5.68

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:120.21V I:1.0404A P:125.07W PF:0.9963 Freq:59.98Hz Lamp Flux:20768.6x1 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: x10cd

C(DEG) g (DEG)	285	300	315	330	345													
0	924	924	924	924	924													
5	820	834	852	878	902													
10	666	696	737	799	858													
15	492	538	604	695	795													
20	311	364	452	575	711													
25	190	218	291	434	604													
30	158	162	191	281	475													
35	153	146	156	190	325													
40	162	143	139	159	207													
45	194	163	130	141	169													
50	244	201	144	125	145													
55	263	234	178	119	123													
60	222	208	183	124	96.6													
65	132	155	138	115	77.6													
70	82.6	78.2	89.5	88.1	60.5													
75	61.0	56.8	49.7	53.2	41.7													
80	40.0	38.9	33.5	28.9	24.6													
85	16.4	19.2	18.5	14.4	11.0													
90	3.21	4.54	4.82	3.58	1.95													
95	0.94	0.98	0.87	0.64	0.35													
100	1.19	1.14	0.96	0.72	0.45													
105	1.32	1.24	1.06	0.83	0.56													
110	1.46	1.37	1.19	0.97	0.71													
115	1.63	1.54	1.38	1.14	0.86													
120	1.84	1.79	1.64	1.28	1.02													
125	2.11	2.21	1.87	1.46	1.18													
130	2.67	2.63	2.10	1.71	1.37													
135	3.12	2.87	2.45	2.07	1.53													
140	3.58	3.41	3.09	2.40	1.71													
145	4.33	4.15	3.64	2.74	1.96													
150	5.09	4.79	4.09	3.11	2.33													
155	5.57	5.15	4.44	3.59	2.83													
160	5.73	5.37	4.82	4.11	3.39													
165	5.86	5.58	5.17	4.60	3.94													
170	5.87	5.63	5.31	4.86	4.30													
175	5.76	5.54	5.26	4.91	4.46													
180	5.59	5.40	5.14	4.86	4.52													

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: