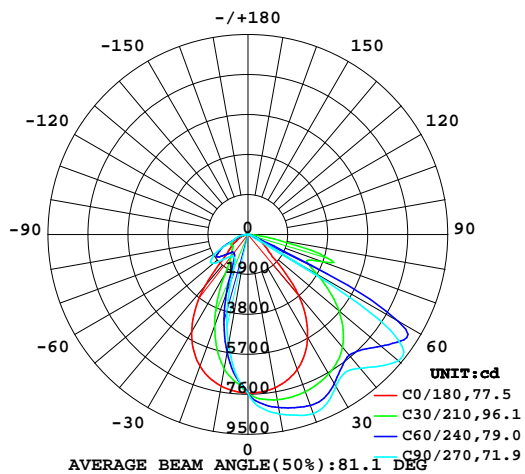


LUMINAIRE PHOTOMETRIC TEST REPORT

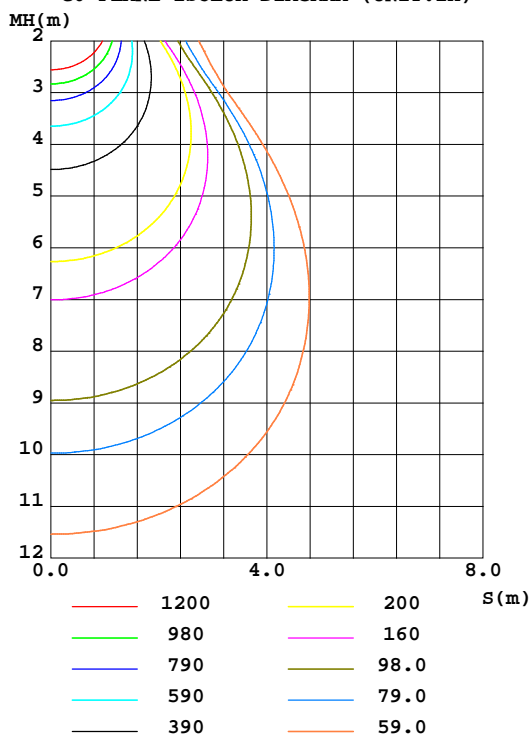
Test:U:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 162.20 lm/W			
MODEL		I _{max} (cd)	9466	S/MH(C0/180)	1.09
NOMINAL POWER(W)	105	LOR(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	17091	h UP,DN(C0-180)	0.2,74.9
NOMINAL FLUX(lm)	17090.5	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:

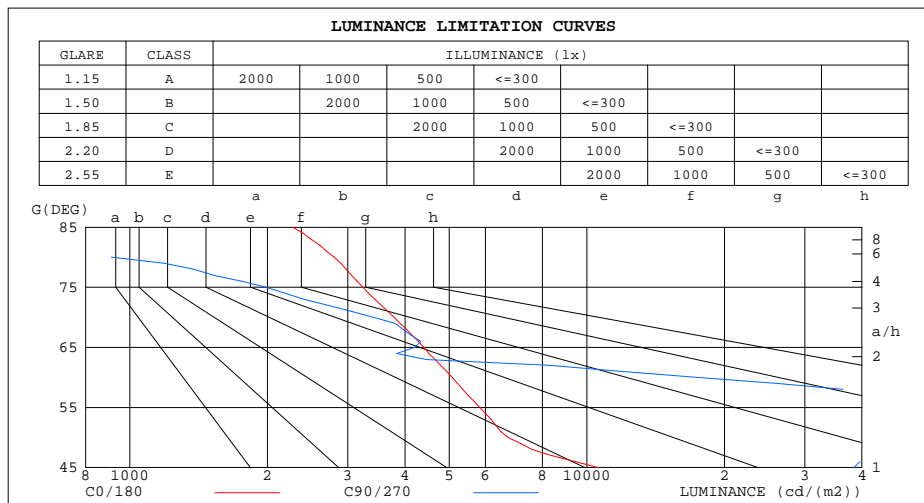
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	7393	8169	8661	8422	7319	6060	5346	5938	0- 10	703.5	703.5	4.12,4.12
20	6836	8330	9063	8598	6666	3750	2408	3577	10- 20	1880	2583	15.1,15.1
30	5672	8157	8356	8498	5357	1568	1301	1590	20- 30	2556	5139	30.1,30.1
40	3708	7287	8302	7641	3163	1093	1396	1157	30- 40	2853	7992	46.8,46.8
50	1341	6663	9327	6723	1211	1136	2142	1250	40- 50	3114	11106	65,65
60	786.2	7289	2865	7284	701.9	1325	1804	1509	50- 60	3278	14384	84.2,84.2
70	401.0	3043	380.7	3954	343.6	618.4	695.2	719.9	60- 70	1798	16182	94.7,94.7
80	150.5	323.2	51.63	338.0	113.1	246.5	333.2	283.8	70- 80	686.0	16868	98.7,98.7
90	5.669	3.449	3.833	4.167	1.565	24.44	25.41	41.20	80- 90	124.6	16993	99.4,99.4
100	5.242	5.134	6.356	6.026	2.849	7.151	8.996	8.127	90-100	6.339	16999	99.5,99.5
110	9.934	6.484	8.567	7.547	5.300	9.867	10.95	10.07	100-110	7.726	17007	99.5,99.5
120	16.27	7.210	8.686	8.551	8.550	13.46	14.66	13.79	110-120	9.682	17017	99.6,99.6
130	23.08	10.28	8.968	11.73	12.02	21.47	19.81	17.80	120-130	11.81	17029	99.6,99.6
140	29.27	17.13	13.32	18.13	16.50	32.16	29.62	25.85	130-140	14.47	17043	99.7,99.7
150	33.83	26.35	22.53	26.55	21.90	38.95	42.88	34.54	140-150	16.56	17060	99.8,99.8
160	36.84	34.53	33.56	34.05	28.12	42.69	48.40	40.26	150-160	15.69	17075	99.9,99.9
170	38.19	40.53	42.08	39.66	34.27	45.31	49.42	44.07	160-170	11.21	17086	100,100
180	37.35	43.97	46.82	42.57	37.40	43.94	46.86	42.54	170-180	4.040	17091	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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2272	320
80	2799	911
75	3235	1985
70	3786	3410
65	4401	4202
60	5078	17552
55	5835	46577
50	6736	44451
45	10617	38363

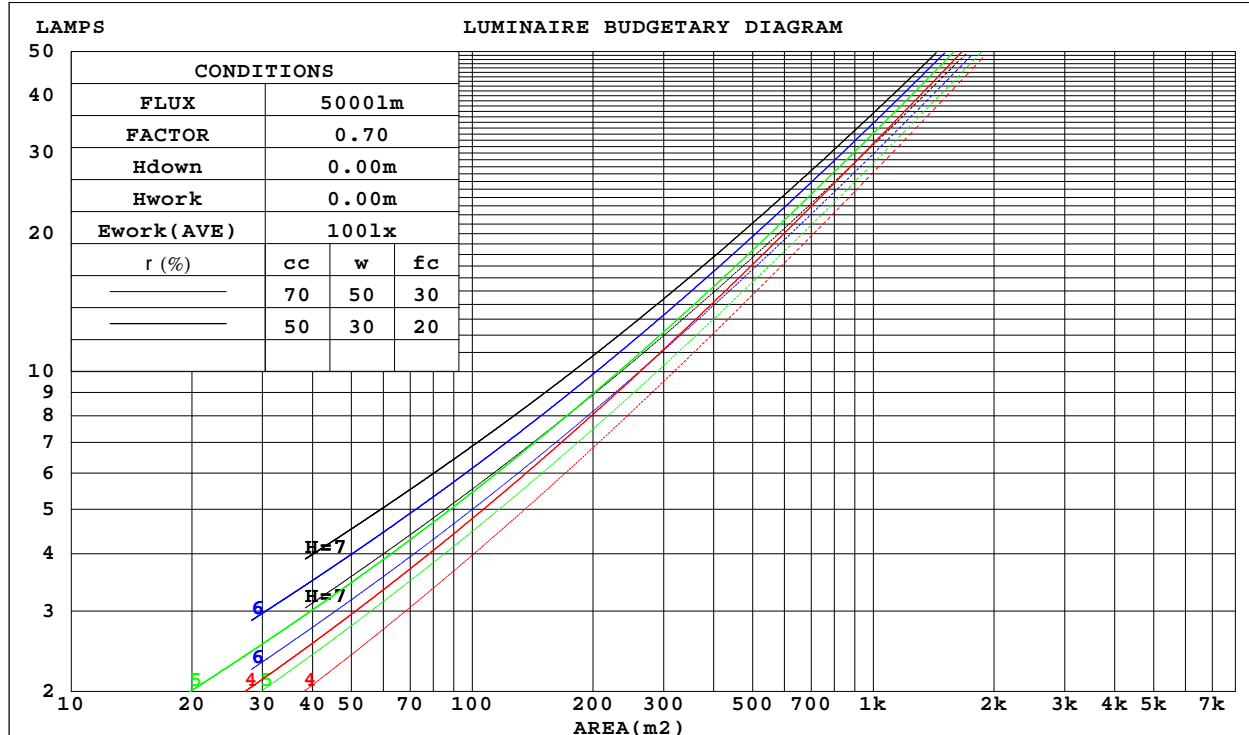
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 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	.50	.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	.35	.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	.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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 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	.155	.049	.259	.149	.047	.247	.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	.229	.125	.038	.220	.122	.038	
4.0	.238	.123	.036	.233	.122	.036	.223	.118	.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	.010	
4.0	.158	.105	.064	.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	.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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 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	18.3	19.8	18.6	20.0	20.2	
	3H	13.9	15.2	14.2	15.5	15.7	18.1	19.5	18.4	19.7	20.0
	4H	13.9	15.1	14.2	15.4	15.7	18.0	19.3	18.3	19.6	19.8
	6H	13.8	15.0	14.2	15.3	15.6	17.9	19.1	18.3	19.4	19.7
	8H	13.8	14.9	14.1	15.2	15.5	17.9	19.0	18.2	19.3	19.6
	12H	13.8	14.9	14.1	15.2	15.5	17.8	18.9	18.2	19.2	19.5
4H	2H	16.8	18.1	17.1	18.3	18.6	19.1	20.4	19.5	20.7	20.9
	3H	18.0	19.1	18.3	19.4	19.7	19.0	20.1	19.4	20.4	20.7
	4H	18.4	19.4	18.8	19.8	20.1	18.9	19.9	19.3	20.3	20.6
	6H	18.4	19.3	18.8	19.7	20.0	18.8	19.7	19.2	20.1	20.4
	8H	18.4	19.2	18.8	19.6	20.0	18.8	19.6	19.2	20.0	20.4
	12H	18.4	19.1	18.8	19.5	19.9	18.7	19.5	19.2	19.9	20.3
8H	4H	18.7	19.5	19.1	19.9	20.3	19.1	19.9	19.5	20.3	20.7
	6H	18.9	19.6	19.4	20.0	20.5	19.0	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	20.0	20.5
	12H	19.0	19.5	19.4	19.9	20.4	19.0	19.5	19.4	19.9	20.4
12H	4H	18.6	19.4	19.1	19.8	20.2	19.1	19.9	19.5	20.3	20.7
	6H	18.9	19.5	19.4	19.9	20.4	19.0	19.6	19.5	20.1	20.5
	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 / - 2.1					
1.5H	+ 1.3 / - 1.3					+ 2.2 / - 3.2					
2.0H	+ 1.0 / - 1.7					+ 2.0 / - 4.1					

CIE Pub.117, 17091 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.9)
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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

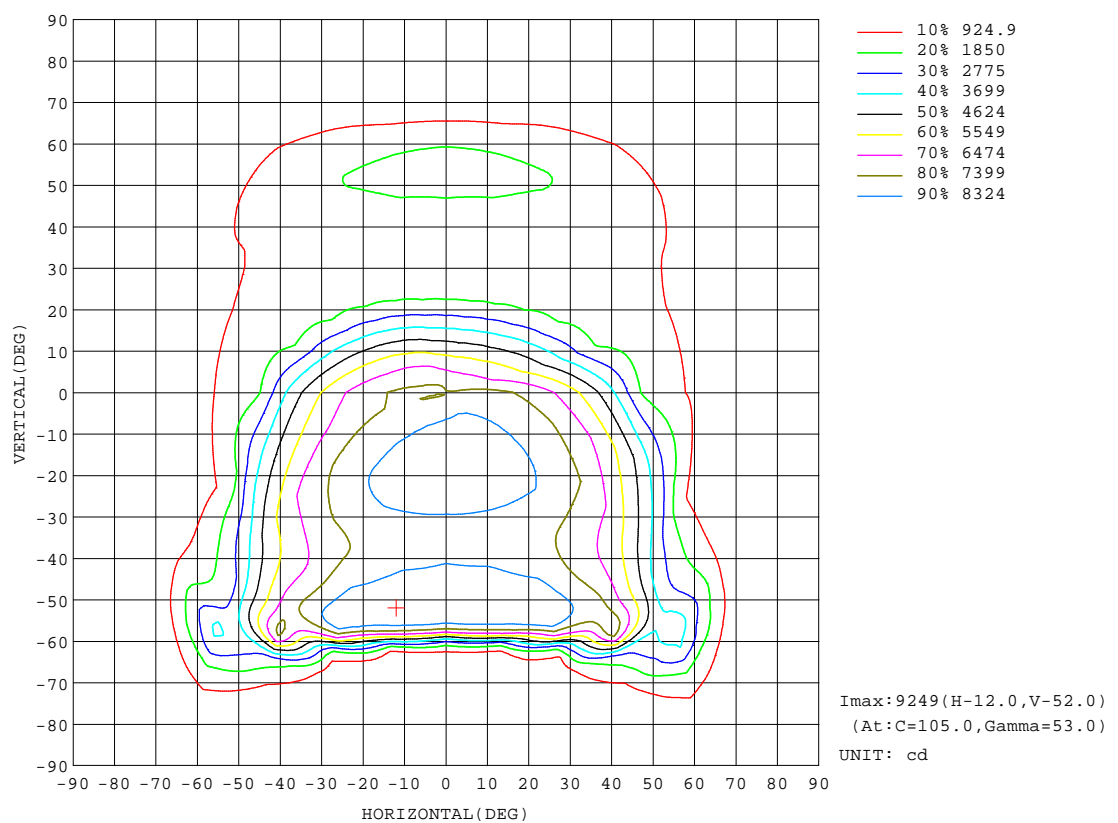
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	40	57	46	39	56	46	39	33
0.80	69	57	50	68	57	50	66	56	49	43
1.00	78	67	60	76	66	60	74	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	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	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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



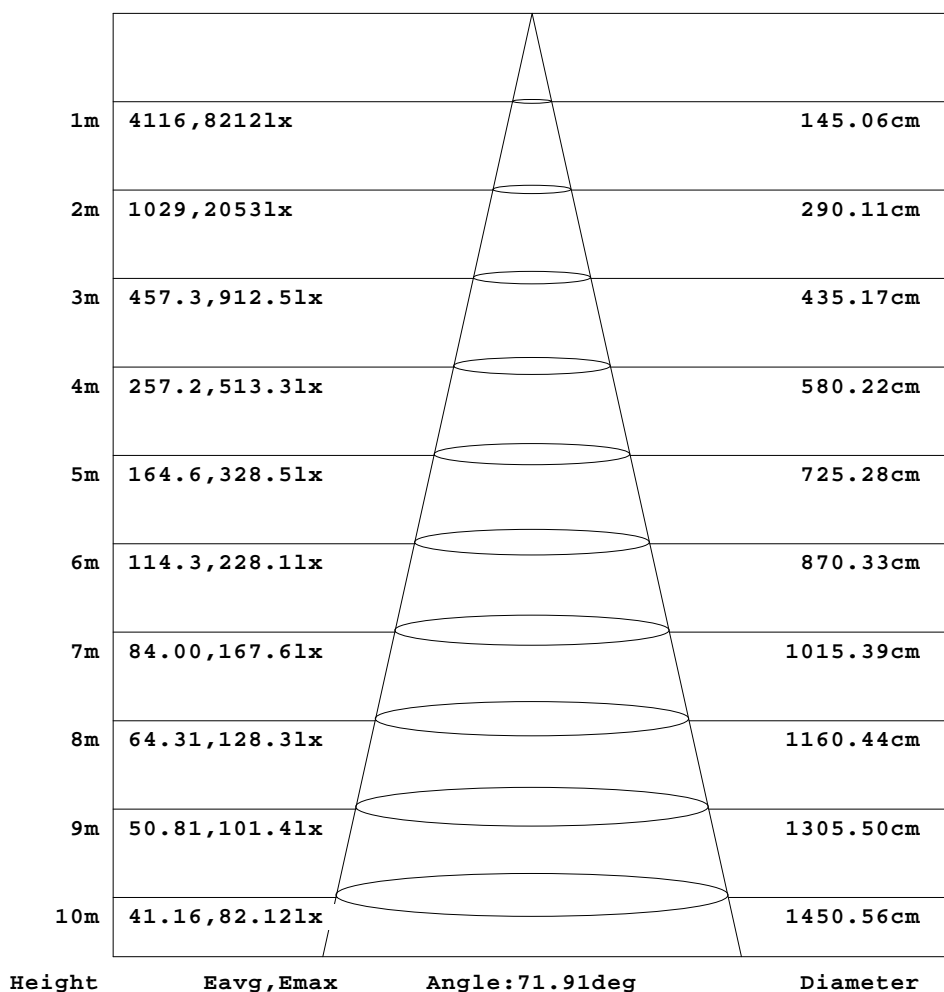
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-28

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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:6826 lm



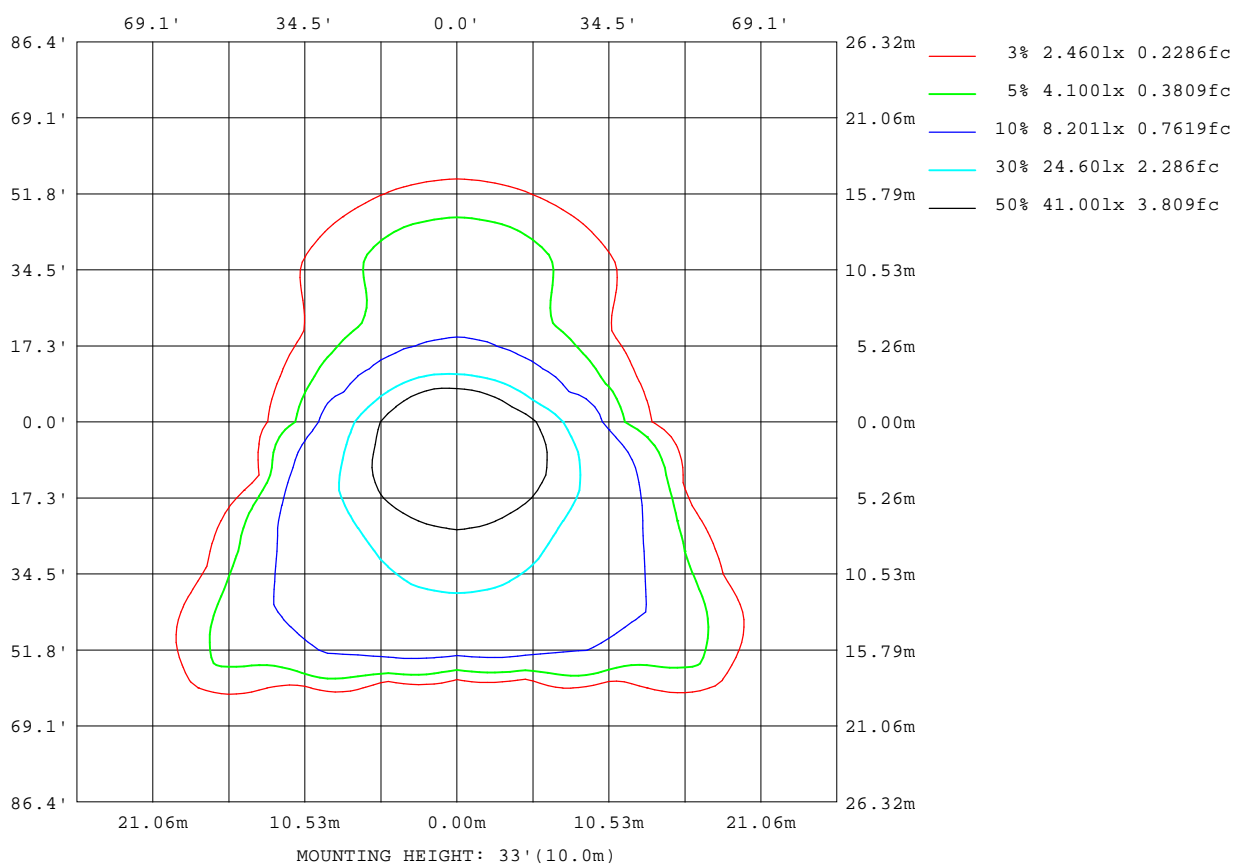
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 lm		
NAME: XWPD(76/105/125)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

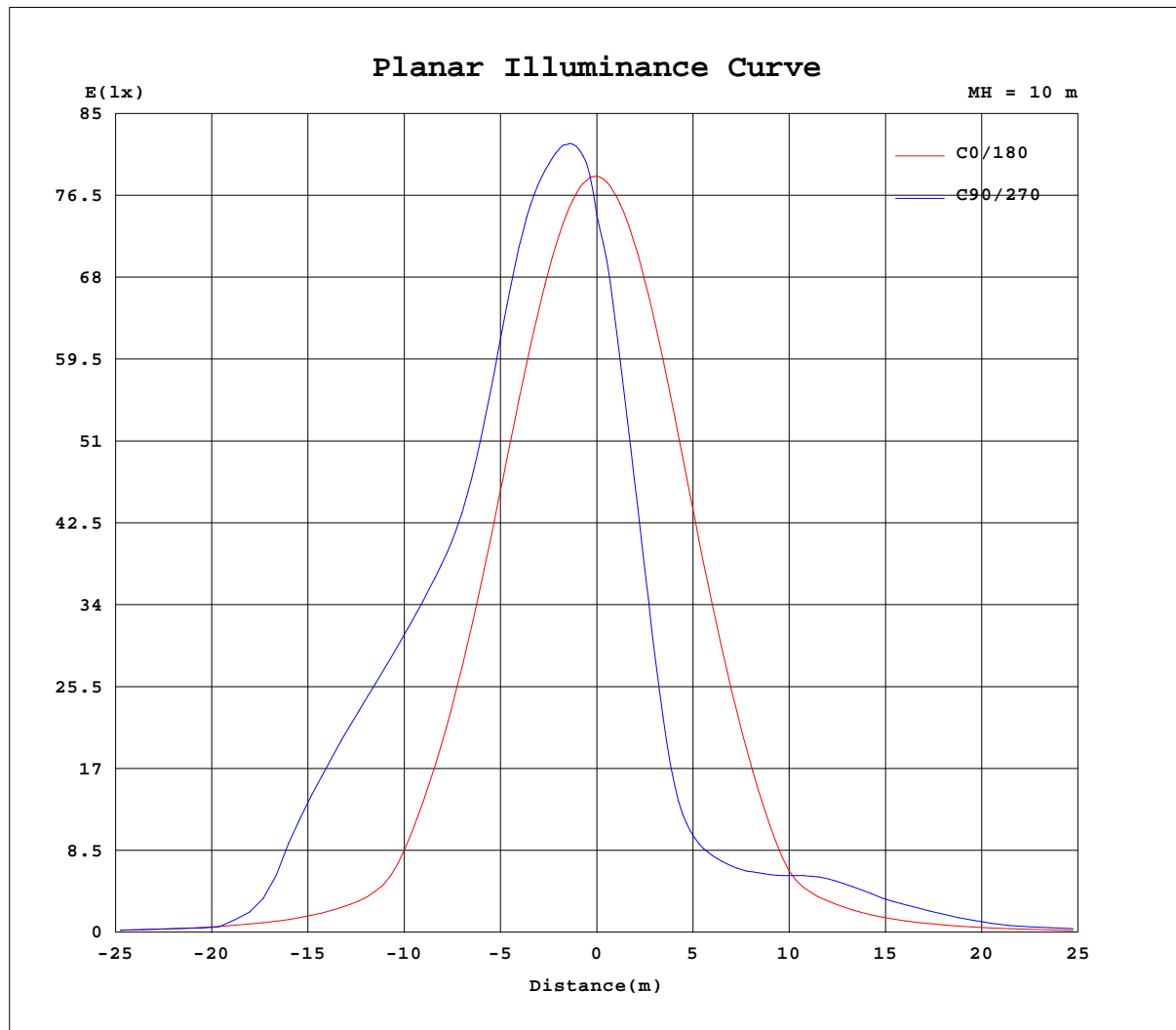
AvgL	cd/m2
L_0~180(65)av	3976
L_0~180(75)av	2835
L_0~180(85)av	1709
L_90~270(65)av	5726
L_90~270(75)av	4153
L_90~270(85)av	2425
L_45(65)av	33306
L_45(75)av	8940
L_45(85)av	3330

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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 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	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540	7540
5	7515	7712	7853	7966	8080	8248	8307	8322	8282	8161	7957	7646	7473	7196	7024	6899	6780	6688	6653
10	7393	7725	7974	8169	8350	8576	8661	8677	8580	8422	8180	7788	7319	6806	6489	6060	5691	5429	5346
15	7170	7655	8003	8277	8520	8793	8888	8894	8774	8549	8207	7743	7056	6307	5661	4971	4434	4026	3896
20	6836	7489	7946	8330	8650	8945	9063	9075	8909	8598	8141	7517	6666	5638	4641	3750	3040	2560	2408
25	6347	7227	7836	8330	8574	8780	8860	8969	8928	8600	7996	7171	6106	4750	3467	2437	1829	1586	1544
30	5672	6860	7660	8157	8197	8312	8356	8507	8638	8498	7771	6686	5357	3649	2215	1568	1326	1277	1301
35	4807	6375	7393	7766	7742	7912	8024	8072	8149	8174	7456	6054	4396	2385	1503	1243	1145	1223	1275
40	3708	5733	6990	7287	7493	8079	8302	8142	7785	7641	7027	5244	3163	1550	1227	1093	1112	1321	1396
45	2324	4903	6401	6891	7731	8579	8855	8652	7857	7142	6404	4228	1739	1250	1079	1021	1283	1585	1694
50	1341	3900	5659	6663	8262	9108	9327	9232	8415	6723	5603	2952	1211	1046	953	1136	1591	2011	2142
55	1036	2717	4748	6910	8836	9027	8721	9325	9055	6804	4545	1264	932	856	919	1398	1836	2065	2157
60	786	1017	3804	7289	8246	4677	2865	5307	9043	7284	3443	902	702	671	960	1325	1555	1732	1804
65	576	753	3101	8022	1944	538	580	545	2633	8002	2615	687	508	544	827	1004	1138	987	981
70	401	580	3815	3043	501	413	381	411	610	3954	3379	519	344	410	610	618	604	652	695
75	259	384	3552	1030	221	187	168	187	234	1157	3221	321	214	265	334	374	436	488	525
80	150	217	1290	323	78.8	61.7	51.6	58.4	76.1	338	1086	173	113	141	204	246	299	320	333
85	61.3	123	278	43.0	15.1	11.7	9.11	9.64	11.3	38.7	180	65.3	34.7	58.8	83.6	132	143	129	127
90	5.67	2.56	3.10	3.45	3.56	3.64	3.83	4.21	4.47	4.17	3.79	3.27	1.57	2.51	10.6	24.4	29.5	23.6	25.4
95	3.76	3.14	3.67	4.30	4.66	4.89	5.10	5.43	5.51	5.08	4.56	4.09	2.07	3.42	4.83	6.20	6.91	7.10	6.76
100	5.24	3.85	4.34	5.13	5.73	6.13	6.36	6.66	6.58	6.03	5.41	5.03	2.85	4.71	5.99	7.15	7.90	8.51	9.00
105	7.31	4.70	5.03	5.92	6.72	7.31	7.63	7.86	7.58	6.89	6.25	6.14	3.91	6.35	7.39	8.31	8.74	9.22	9.91
110	9.93	5.99	5.67	6.48	7.33	8.14	8.57	8.69	8.28	7.55	7.04	7.57	5.30	8.44	9.17	9.87	10.0	10.3	11.0
115	12.9	7.90	6.42	6.80	7.55	8.38	8.85	8.96	8.54	7.96	7.97	9.41	6.91	10.7	11.6	11.5	11.8	11.9	12.5
120	16.3	10.5	7.70	7.21	7.55	8.22	8.69	8.82	8.63	8.55	9.39	11.8	8.55	13.1	14.7	13.5	14.0	14.0	14.7
125	19.7	13.6	9.82	8.28	7.90	8.11	8.47	8.77	9.10	9.75	11.4	14.8	10.2	15.8	18.4	16.6	16.0	16.5	16.6
130	23.1	17.2	12.8	10.3	9.11	8.78	8.97	9.49	10.4	11.7	14.2	18.0	12.0	18.3	22.3	21.5	19.1	19.2	19.8
135	26.3	21.0	16.4	13.2	11.4	10.5	10.6	11.3	12.6	14.5	17.5	21.1	14.1	20.4	25.9	27.1	24.3	23.8	24.5
140	29.3	24.8	20.5	17.1	14.7	13.4	13.3	14.1	15.8	18.1	21.1	24.2	16.5	22.2	29.0	32.2	31.5	30.1	29.6
145	31.8	28.3	24.8	21.7	19.3	17.7	17.4	18.2	20.2	22.4	24.8	27.1	19.1	24.2	31.0	36.3	37.6	37.2	36.0
150	33.8	31.4	28.8	26.4	24.4	22.9	22.5	23.4	25.0	26.5	28.2	29.6	21.9	26.6	32.7	38.9	42.2	43.4	42.9
155	35.5	33.9	32.3	30.7	29.4	28.5	28.2	28.7	29.6	30.4	31.1	31.8	24.8	29.6	35.2	40.7	44.6	47.0	47.2
160	36.8	36.0	35.3	34.5	34.0	33.7	33.6	33.7	34.0	34.0	33.8	33.9	28.1	33.1	38.2	42.7	45.9	48.1	48.4
165	37.7	37.6	37.7	37.8	37.9	38.2	38.1	38.0	37.8	37.1	36.1	35.7	31.6	36.4	41.0	44.7	47.3	49.2	49.5
170	38.2	38.9	39.7	40.5	41.3	42.1	42.1	41.8	41.1	39.7	38.3	37.3	34.3	38.5	42.3	45.3	47.5	49.2	49.4
175	38.1	39.6	41.1	42.6	43.8	45.0	45.0	44.5	43.3	41.4	39.5	37.7	36.1	39.4	42.5	44.9	46.8	48.2	48.3
180	37.3	39.8	42.0	44.0	45.5	46.9	46.8	46.2	44.7	42.6	40.2	37.5	37.4	39.7	42.0	43.9	45.5	46.9	46.9

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:120.30V I:0.8759A P:105.37W PF:0.9934 Freq:59.98Hz Lamp Flux:17090.5x1 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	7540	7540	7540	7540	7540														
5	6668	6774	6910	7115	7316														
10	5389	5620	5938	6414	6919														
15	3965	4324	4824	5541	6352														
20	2514	2911	3577	4528	5609														
25	1604	1795	2309	3344	4691														
30	1312	1357	1590	2185	3614														
35	1265	1214	1291	1576	2410														
40	1366	1203	1157	1314	1689														
45	1628	1389	1105	1164	1380														
50	2055	1710	1250	1046	1179														
55	2116	1948	1536	1037	1001														
60	1783	1674	1509	1083	803														
65	1044	1235	1124	973	652														
70	675	654	720	726	509														
75	506	471	423	426	351														
80	337	325	284	248	205														
85	138	160	161	121	92.7														
90	27.8	39.6	41.2	33.8	16.5														
95	7.61	8.18	7.28	5.60	3.22														
100	9.78	9.52	8.13	6.30	3.99														
105	10.8	10.4	8.93	7.16	4.95														
110	11.9	11.5	10.07	8.30	6.13														
115	13.5	13.0	11.6	9.72	7.39														
120	15.3	14.9	13.8	10.9	8.72														
125	17.3	18.3	15.9	12.3	10.11														
130	21.9	22.0	17.8	14.4	11.7														
135	25.7	24.0	20.5	17.5	13.1														
140	29.6	28.3	25.9	20.6	14.6														
145	35.7	34.5	30.7	23.5	16.7														
150	42.2	40.0	34.5	26.5	19.9														
155	46.3	43.1	37.4	30.3	24.0														
160	47.5	44.7	40.3	34.5	28.6														
165	48.6	46.4	43.0	38.4	33.0														
170	48.6	46.7	44.1	40.4	35.9														
175	47.6	45.9	43.6	40.7	37.1														
180	46.2	44.8	42.5	40.2	37.5														

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: