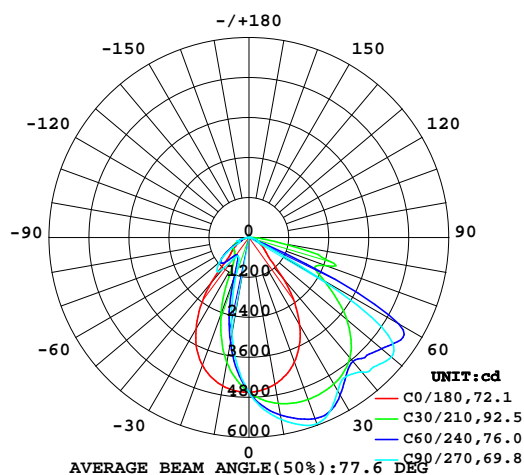


LUMINAIRE PHOTOMETRIC TEST REPORT

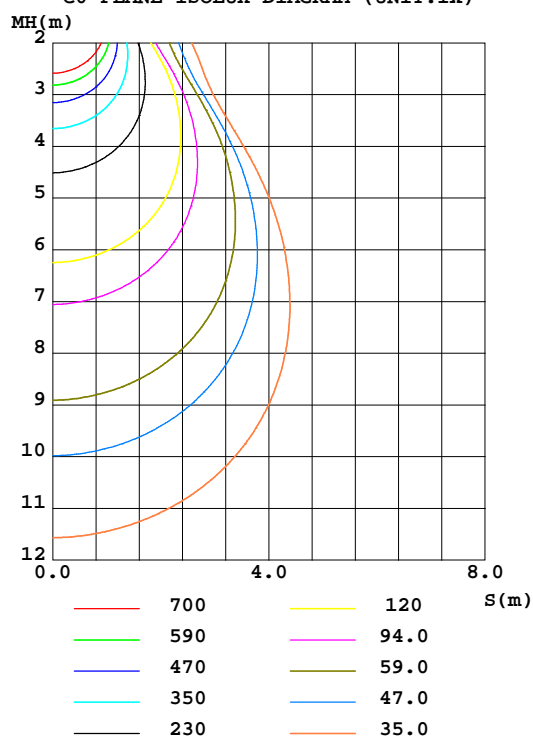
Test:U:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 167.88 lm/W			
MODEL		I _{max} (cd)	5972	S/MH(C0/180)	1.06
NOMINAL POWER(W)	63	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	10647	h UP,DN(C0-180)	0.2,78.6
NOMINAL FLUX(lm)	10646.6	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,20.8
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:

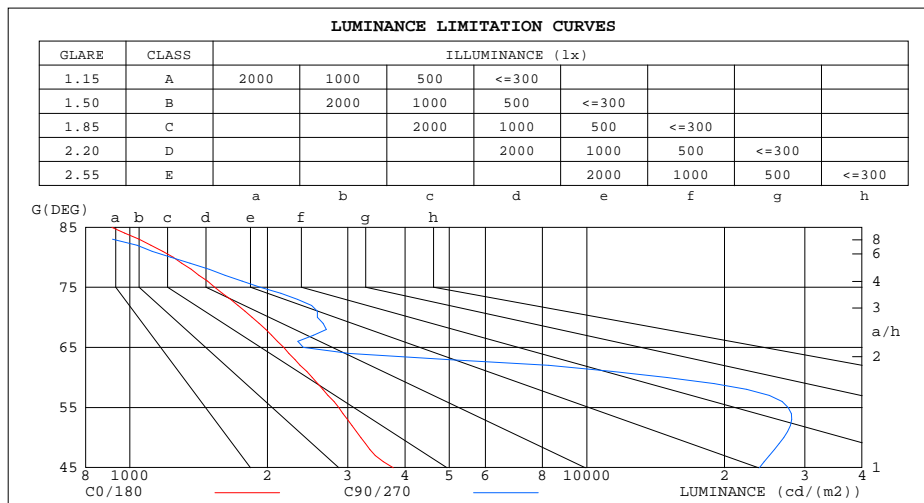
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	4475	5261	5540	5331	4526	3474	2963	3391	0- 10	430.0	430.0	4.04,4.04
20	3985	5546	5952	5659	4084	1817	1085	1690	10- 20	1142	1572	14.8,14.8
30	3053	5496	5332	5663	3186	788.7	659.9	766.2	20- 30	1563	3135	29.5,29.5
40	1591	4834	5267	5015	1748	631.6	1253	636.8	30- 40	1781	4917	46.2,46.2
50	658.4	4402	5580	4566	691.8	861.8	1164	893.8	40- 50	2011	6928	65.1,65.1
60	400.7	4805	2409	5027	421.7	681.2	488.1	670.2	50- 60	1999	8927	83.8,83.8
70	202.6	3011	283.3	3146	213.2	227.6	359.9	225.5	60- 70	1135	10062	94.5,94.5
80	68.96	205.6	68.64	211.5	72.47	111.6	87.21	107.8	70- 80	448.1	10510	98.7,98.7
90	1.983	1.800	1.592	2.034	0.9581	3.420	1.884	4.117	80- 90	76.47	10587	99.4,99.4
100	3.741	2.749	2.749	2.911	1.682	4.743	5.416	5.536	90-100	3.237	10590	99.5,99.5
110	6.933	3.785	4.382	4.013	3.152	6.635	6.917	7.009	100-110	4.638	10595	99.5,99.5
120	10.89	4.417	5.238	4.745	5.144	9.044	9.291	9.856	110-120	6.075	10601	99.6,99.6
130	14.99	5.815	5.266	6.160	7.278	14.41	12.86	12.60	120-130	7.489	10608	99.6,99.6
140	18.69	9.461	7.037	9.659	10.03	21.15	18.74	17.71	130-140	8.994	10617	99.7,99.7
150	21.46	15.26	12.26	15.29	13.38	24.93	26.69	22.94	140-150	10.18	10627	99.8,99.8
160	23.17	21.12	19.98	20.70	17.07	27.47	30.15	26.15	150-160	9.702	10637	99.9,99.9
170	23.72	25.51	26.31	24.73	20.71	29.07	31.19	28.08	160-170	7.018	10644	100,100
180	22.87	28.02	29.68	26.84	22.87	28.02	29.68	26.84	170-180	2.542	10647	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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)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	913	661
80	1242	1228
75	1533	1928
70	1853	2573
65	2171	2399
60	2507	14969
55	2866	27565
50	3205	26968
45	3769	23869

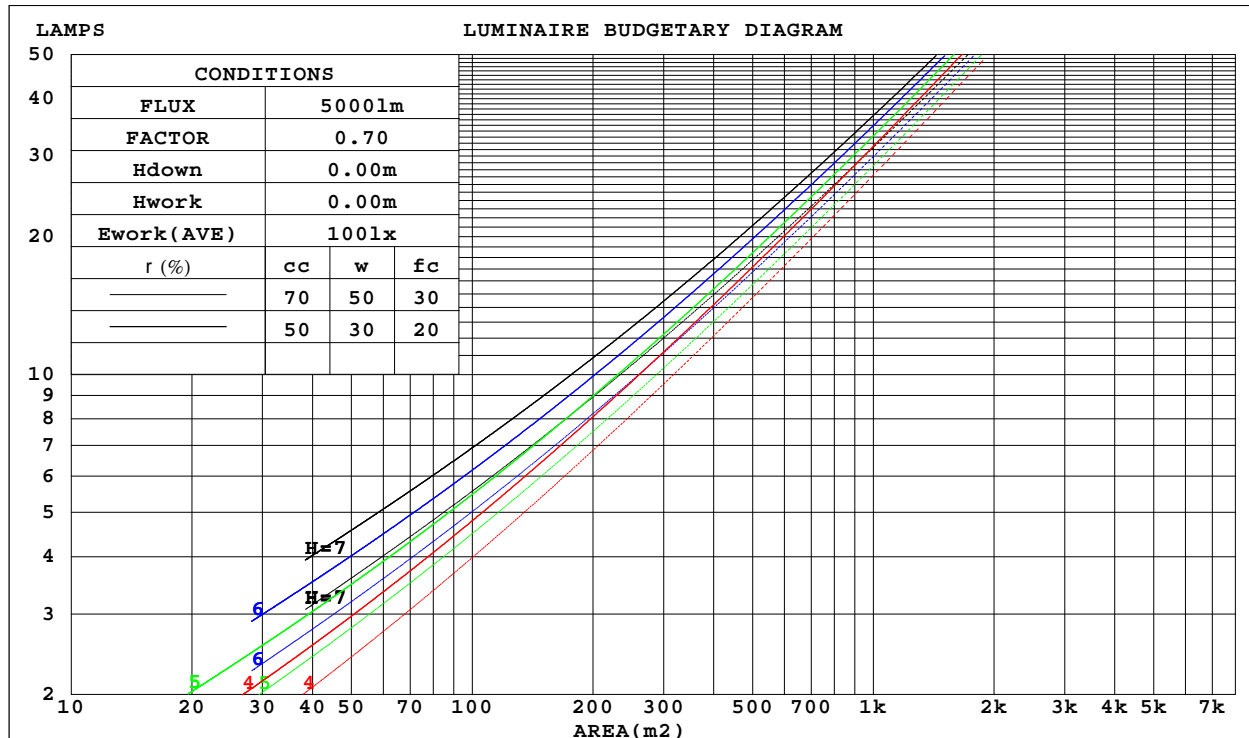
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)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	.92	.86	.81	.90	.85	.80	.87	.82	.78	.84	.79	.76	.80	.77	.74	.72
3.0	.81	.74	.67	.80	.73	.67	.77	.71	.66	.74	.69	.64	.71	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.62	.56	.66	.60	.55	.64	.59	.55	.52
5.0	.65	.56	.50	.64	.55	.49	.61	.54	.49	.59	.53	.48	.58	.52	.48	.45
6.0	.58	.50	.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	.38	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.32
9.0	.44	.36	.31	.44	.36	.31	.43	.36	.31	.41	.35	.30	.40	.35	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.38	.32	.28	.26



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

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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)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	.281	.160	.051	.274	.156	.050	.261	.149	.048	.248	.143	.046	.237	.137	.044	
2.0	.272	.149	.046	.265	.146	.045	.254	.141	.044	.243	.136	.043	.233	.132	.041	
3.0	.256	.136	.041	.250	.134	.040	.240	.130	.039	.230	.126	.039	.221	.122	.038	
4.0	.239	.124	.036	.234	.122	.036	.224	.119	.036	.216	.116	.035	.208	.113	.034	
5.0	.222	.113	.033	.218	.112	.033	.210	.109	.032	.202	.107	.032	.195	.104	.031	
6.0	.207	.104	.030	.203	.103	.030	.196	.100	.029	.189	.098	.029	.183	.096	.029	
7.0	.194	.096	.027	.190	.095	.027	.184	.093	.027	.177	.091	.026	.172	.089	.026	
8.0	.181	.089	.025	.178	.088	.025	.172	.086	.025	.167	.085	.024	.162	.083	.024	
9.0	.170	.082	.023	.168	.082	.023	.162	.080	.023	.157	.079	.023	.153	.077	.022	
10.0	.160	.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	.091	.102	.081	.063	.059	.047	.037	.019	.015	.012	
3.0	.166	.119	.081	.142	.102	.070	.098	.071	.049	.056	.041	.029	.018	.013	.009	
4.0	.159	.105	.064	.136	.091	.056	.094	.063	.039	.054	.037	.023	.017	.012	.008	
5.0	.151	.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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm											
NAME: XWPD(45/63/90)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	13.7	15.2	14.0	15.4	15.6	18.4	19.9	18.7	20.1	20.3	
	3H	13.9	15.2	14.2	15.5	15.7	18.2	19.6	18.5	19.8	20.0
	4H	13.8	15.1	14.2	15.4	15.6	18.1	19.4	18.4	19.7	19.9
	6H	13.8	15.0	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	17.1	18.4	17.4	18.7	18.9	19.4	20.7	19.7	20.9	21.2
	3H	18.3	19.4	18.7	19.7	20.0	19.3	20.4	19.6	20.7	21.0
	4H	18.7	19.7	19.1	20.1	20.4	19.2	20.2	19.6	20.5	20.9
	6H	18.7	19.6	19.1	20.0	20.3	19.1	20.0	19.5	20.4	20.7
	8H	18.7	19.5	19.1	19.9	20.3	19.1	19.9	19.5	20.3	20.7
	12H	18.6	19.4	19.1	19.8	20.2	19.0	19.8	19.5	20.2	20.6
8H	4H	19.0	19.9	19.5	20.2	20.6	19.4	20.3	19.8	20.6	21.0
	6H	19.3	20.0	19.8	20.4	20.9	19.4	20.0	19.8	20.4	20.9
	8H	19.4	20.0	19.9	20.4	20.9	19.3	19.9	19.8	20.4	20.8
	12H	19.4	19.9	19.9	20.4	20.8	19.3	19.8	19.8	20.2	20.7
12H	4H	19.0	19.7	19.4	20.1	20.6	19.4	20.2	19.9	20.6	21.0
	6H	19.3	19.9	19.8	20.4	20.8	19.4	20.0	19.8	20.4	20.9
	8H	19.4	19.9	19.9	20.4	20.9	19.3	19.9	19.8	20.3	20.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.8 / - 0.6					+ 0.8 / - 0.8					
1.5H	+ 1.1 / - 1.1					+ 2.0 / - 2.7					
2.0H	+ 0.7 / - 1.7					+ 1.7 / - 2.3					

CIE Pub.117, 10647 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 8.2)
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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

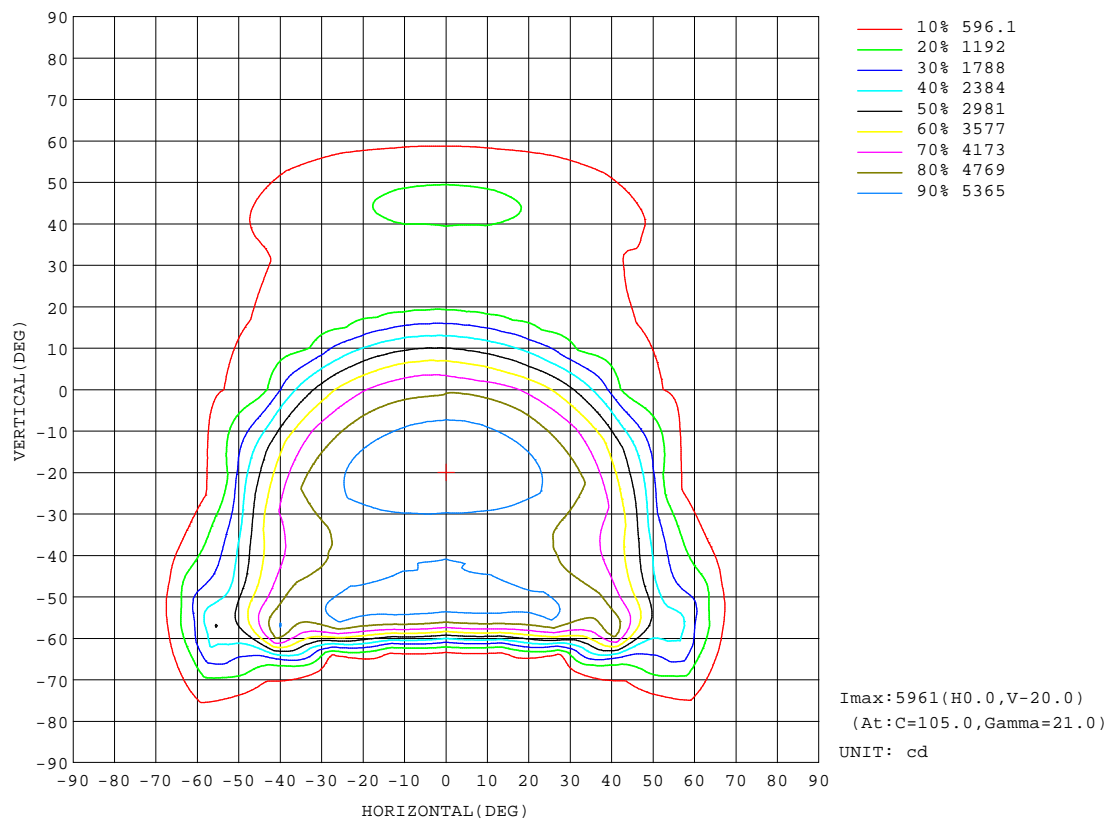
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	57	50	67	56	49	65	56	49	42
1.00	77	67	59	76	66	59	74	67	59	52
1.25	85	75	68	83	74	67	81	72	67	59
1.50	90	80	74	88	79	73	85	78	72	65
2.00	97	89	82	95	87	82	91	85	80	72
2.50	100	93	87	98	92	86	94	89	84	76
3.00	103	97	92	101	95	91	97	93	89	80
4.00	107	102	98	105	100	96	101	97	93	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:2024-06-20

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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



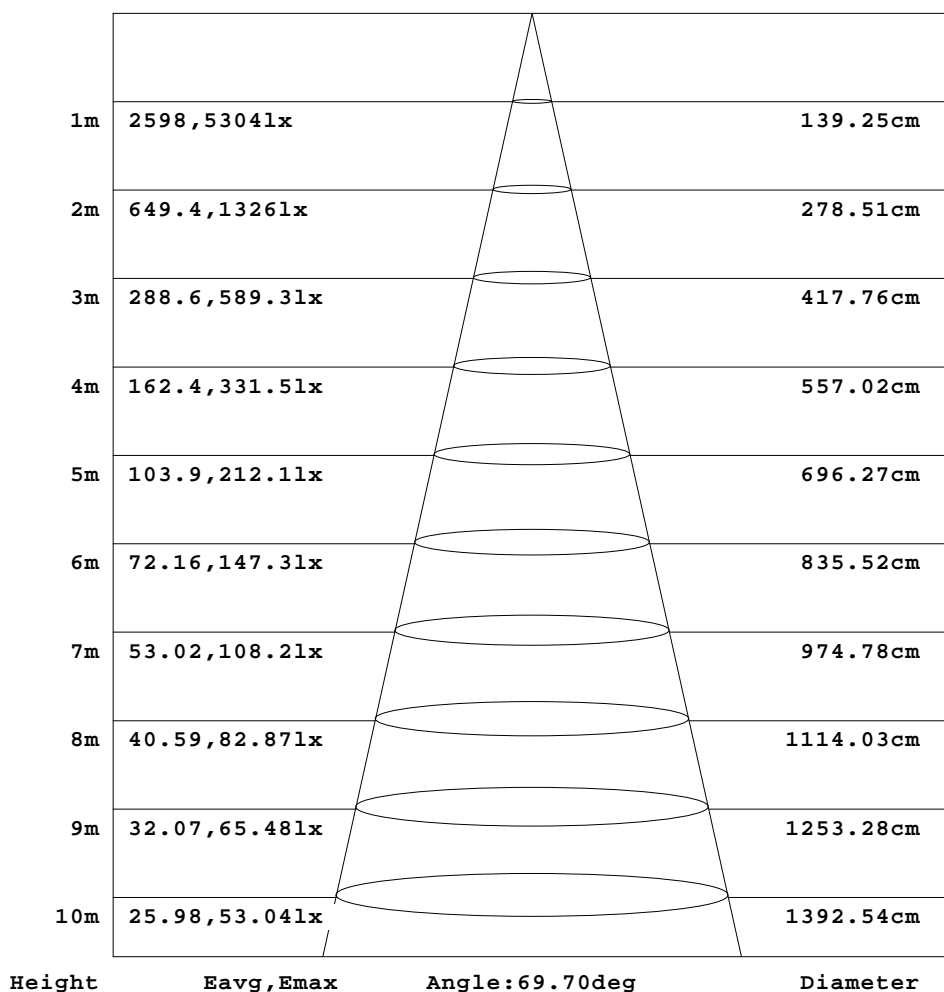
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:4001 lm



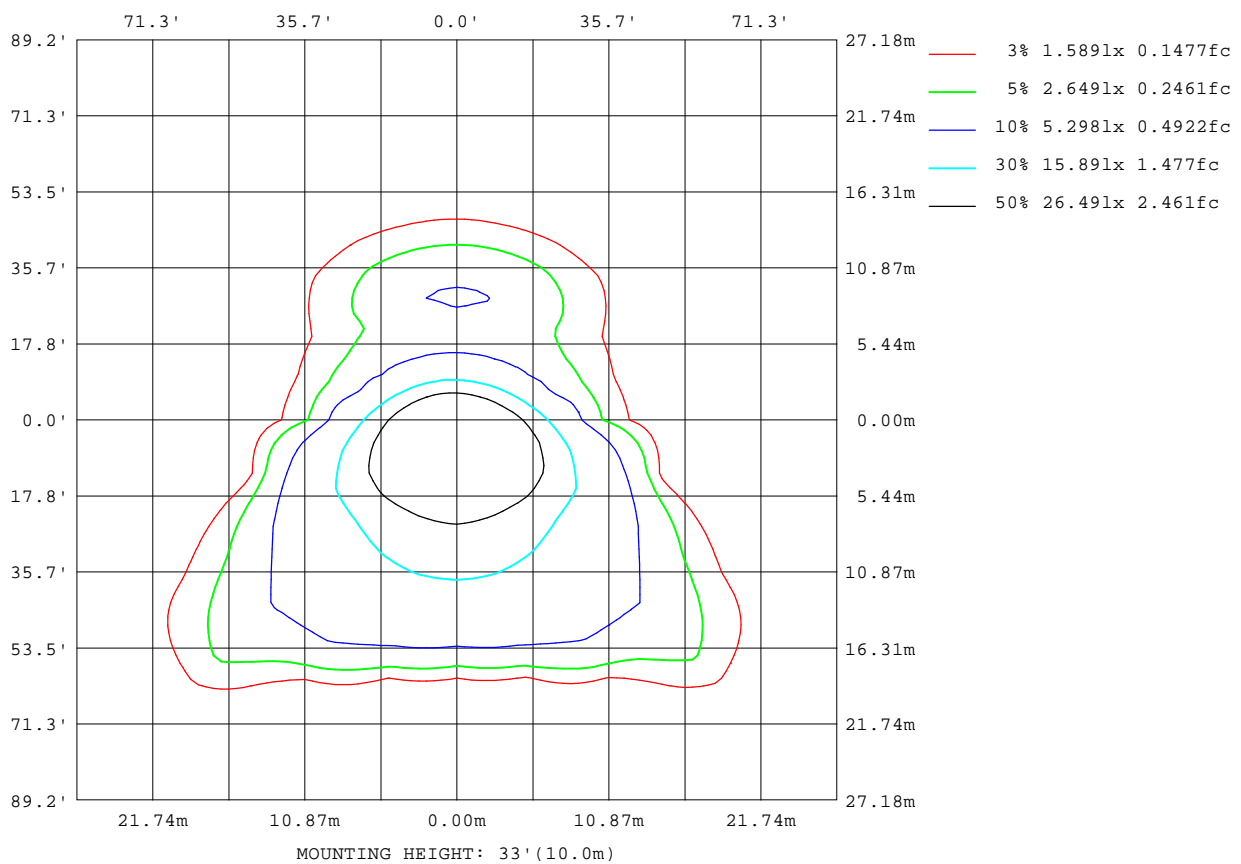
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)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: 2024-06-20

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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

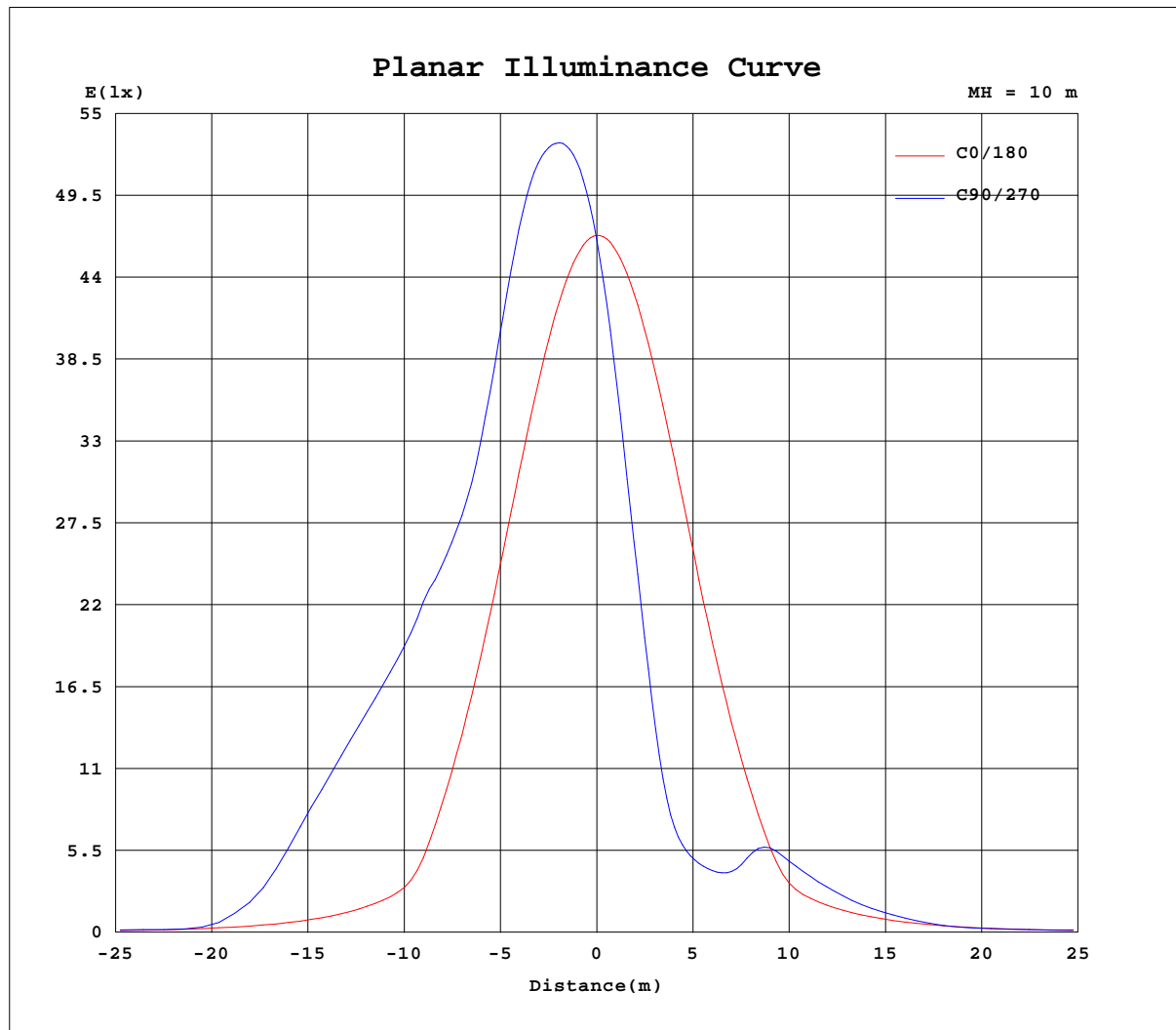
AvgL	cd/m2
L_0~180(65)av	2209
L_0~180(75)av	1563
L_0~180(85)av	912
L_90~270(65)av	2294
L_90~270(75)av	2453
L_90~270(85)av	779
L_45(65)av	21150
L_45(75)av	5485
L_45(85)av	1617

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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)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	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643	4643
5	4594	4753	4894	5011	5095	5151	5176	5173	5125	5047	4928	4784	4619	4451	4290	4138	4023	3929	3909
10	4475	4799	5056	5261	5402	5501	5540	5534	5460	5331	5125	4853	4526	4168	3816	3474	3205	3028	2963
15	4277	4775	5146	5430	5626	5762	5812	5805	5701	5526	5242	4853	4351	3772	3186	2685	2304	2044	1962
20	3985	4688	5176	5546	5783	5912	5952	5968	5875	5659	5296	4785	4084	3254	2469	1817	1380	1148	1085
25	3581	4526	5153	5593	5756	5772	5761	5843	5871	5733	5293	4643	3709	2617	1660	1058	856	756	736
30	3053	4297	5085	5496	5470	5378	5332	5451	5605	5663	5244	4423	3186	1867	992	789	683	660	660
35	2397	3968	4953	5222	5078	5038	5091	5099	5205	5405	5132	4102	2545	1091	769	678	640	699	744
40	1591	3521	4713	4834	4856	5147	5267	5203	4966	5015	4910	3658	1748	792	678	632	776	1108	1253
45	852	2912	4337	4512	5009	5328	5433	5393	5128	4679	4546	3040	930	675	617	731	1091	1328	1356
50	658	2186	3847	4402	5195	5518	5580	5589	5320	4566	4053	2302	692	579	596	862	1124	1162	1164
55	525	1218	3222	4569	5454	5348	5089	5437	5589	4758	3413	1302	552	488	585	860	921	867	856
60	401	595	2610	4805	5195	3212	2409	3330	5365	5027	2796	635	422	392	575	681	629	522	488
65	293	465	2193	5233	1904	400	326	420	2096	5471	2408	500	309	307	487	422	323	292	299
70	203	344	2493	3011	265	288	283	298	281	3146	2790	374	213	237	287	228	253	329	360
75	127	217	2266	698	184	171	161	178	196	725	2456	236	134	163	159	203	292	271	249
80	69.0	108	963	206	86.6	76.3	68.6	79.6	92.7	211	1042	118	72.5	82.1	116	112	107	93.1	87.2
85	25.4	87.4	316	44.7	22.8	20.0	18.6	21.2	25.6	49.2	344	107	25.8	34.3	38.0	45.5	37.0	27.2	25.3
90	1.98	1.55	1.99	1.80	1.62	1.53	1.59	1.89	2.05	2.03	2.26	1.66	0.96	1.59	2.60	3.42	3.64	2.65	1.88
95	2.66	1.85	2.05	2.25	2.21	2.11	2.15	2.37	2.49	2.40	2.26	2.03	1.24	2.20	3.18	4.10	4.55	4.39	4.00
100	3.74	2.28	2.46	2.75	2.81	2.74	2.75	2.94	3.01	2.91	2.71	2.51	1.68	3.02	3.91	4.74	5.14	5.29	5.42
105	5.19	2.80	2.90	3.28	3.47	3.48	3.49	3.65	3.67	3.48	3.19	3.08	2.30	4.11	4.83	5.58	5.76	5.86	6.15
110	6.93	3.61	3.34	3.79	4.11	4.29	4.38	4.45	4.33	4.01	3.67	3.83	3.15	5.47	6.04	6.63	6.68	6.57	6.92
115	8.86	4.83	3.78	4.14	4.53	4.81	4.97	4.99	4.79	4.41	4.16	4.84	4.13	6.92	7.65	7.74	7.91	7.61	7.96
120	10.9	6.46	4.50	4.42	4.77	5.06	5.24	5.26	5.04	4.74	4.88	6.16	5.14	8.53	9.75	9.04	9.38	9.00	9.29
125	13.0	8.43	5.67	4.89	4.94	5.14	5.32	5.35	5.22	5.25	5.93	7.91	6.17	10.2	12.2	11.2	10.7	10.7	10.7
130	15.0	10.6	7.34	5.82	5.33	5.20	5.27	5.39	5.65	6.16	7.41	9.87	7.28	11.8	14.7	14.4	12.8	12.7	12.9
135	16.9	13.0	9.49	7.32	6.29	5.76	5.68	5.97	6.62	7.61	9.38	11.9	8.56	13.1	17.0	18.0	16.2	15.4	15.7
140	18.7	15.3	11.9	9.46	7.99	7.17	7.04	7.41	8.30	9.66	11.7	14.0	10.0	14.1	18.8	21.1	20.5	19.1	18.7
145	20.2	17.6	14.6	12.2	10.5	9.44	9.22	9.67	10.8	12.4	14.2	16.0	11.7	15.4	19.9	23.6	24.2	23.3	22.6
150	21.5	19.5	17.3	15.3	13.7	12.6	12.3	12.8	14.0	15.3	16.6	17.7	13.4	16.9	20.9	24.9	27.0	27.1	26.7
155	22.4	21.1	19.7	18.3	17.2	16.3	16.0	16.5	17.3	18.1	18.7	19.2	15.2	18.6	22.4	26.1	28.3	29.3	29.3
160	23.2	22.5	21.8	21.1	20.6	20.1	20.0	20.2	20.5	20.7	20.7	20.7	17.1	20.5	24.2	27.5	29.3	30.2	30.2
165	23.6	23.5	23.5	23.5	23.6	23.5	23.5	23.5	23.3	22.9	22.2	21.9	19.0	22.5	25.9	28.7	30.4	31.1	31.0
170	23.7	24.2	24.8	25.5	26.0	26.3	26.3	26.1	25.6	24.7	23.7	22.9	20.7	23.7	26.7	29.1	30.6	31.3	31.2
175	23.5	24.6	25.8	27.0	27.9	28.4	28.3	28.0	27.2	25.9	24.6	23.4	21.9	24.4	26.7	28.7	30.0	30.7	30.6
180	22.9	24.7	26.4	28.0	29.2	29.8	29.7	29.2	28.2	26.8	25.2	23.4	22.9	24.7	26.4	28.0	29.2	29.8	29.7

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:120.21V I:0.5275A P:63.417W PF:0.9915 Freq:59.98Hz Lamp Flux:10646.6x1 lm		
NAME: XWPD(45/63/90)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	4643	4643	4643	4643	4643														
5	3918	3989	4095	4248	4416														
10	3003	3139	3391	3728	4093														
15	2010	2217	2574	3062	3659														
20	1117	1302	1690	2323	3106														
25	749	827	996	1502	2446														
30	660	675	766	930	1674														
35	713	645	661	748	991														
40	1147	817	637	666	764														
45	1332	1133	773	615	659														
50	1160	1128	894	611	570														
55	857	903	873	618	483														
60	509	606	670	596	392														
65	292	299	401	487	311														
70	335	257	226	271	242														
75	257	286	205	158	160														
80	90.9	103	108	116	81.2														
85	25.5	33.7	42.4	38.4	33.8														
90	2.51	3.94	4.12	3.47	1.87														
95	4.59	5.35	4.95	3.95	2.26														
100	6.00	6.32	5.54	4.42	2.79														
105	6.87	7.03	6.16	5.01	3.44														
110	7.78	7.83	7.01	5.80	4.19														
115	8.84	8.89	8.16	6.74	5.01														
120	9.98	10.3	9.86	7.48	5.89														
125	11.5	12.7	11.3	8.43	6.83														
130	14.4	15.1	12.6	9.98	7.87														
135	16.8	16.6	14.4	12.2	8.76														
140	19.2	19.1	17.7	14.3	9.74														
145	22.9	22.6	20.7	16.1	11.1														
150	26.6	25.7	22.9	18.0	13.2														
155	29.0	27.5	24.6	20.2	15.8														
160	29.8	28.5	26.1	22.6	18.6														
165	30.6	29.4	27.6	24.7	21.2														
170	30.7	29.6	28.1	25.8	22.8														
175	30.1	29.0	27.6	25.7	23.3														
180	29.2	28.2	26.8	25.2	23.4														

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: