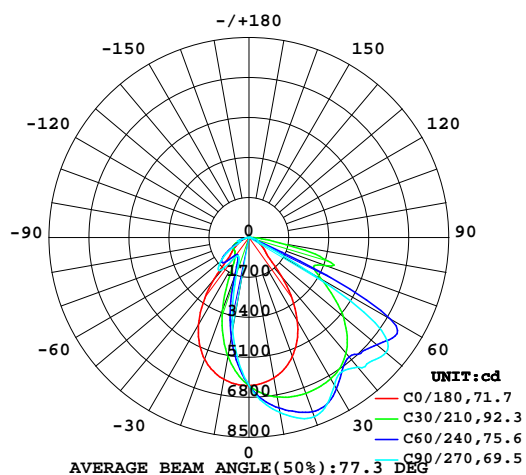


LUMINAIRE PHOTOMETRIC TEST REPORT

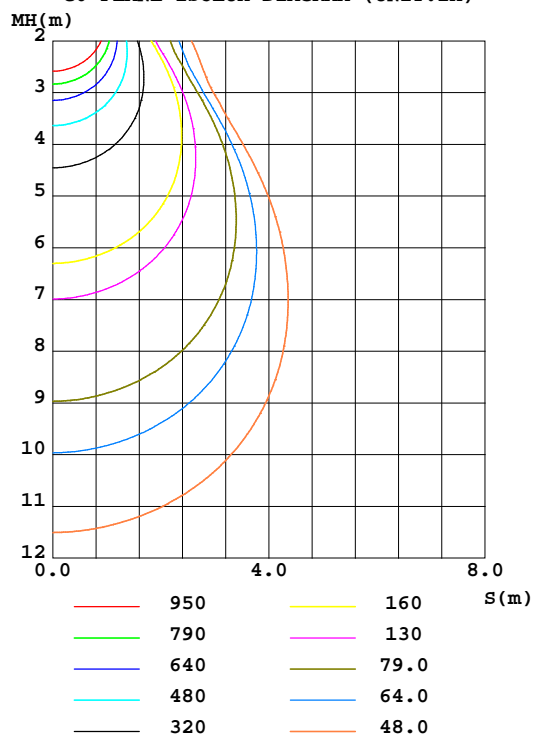
Test:U:120.21V I:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.38 lm/W			
MODEL		I _{max} (cd)	8135	S/MH(C0/180)	1.06
NOMINAL POWER(W)	90	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	14475	h UP,DN(C0-180)	0.2,78.6
NOMINAL FLUX(lm)	14475.5	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,20.8
LAMPS INSIDE	1	h up(%)	0.6	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	h down(%)	99.4	CIBSE SHR MAX	0.95

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:

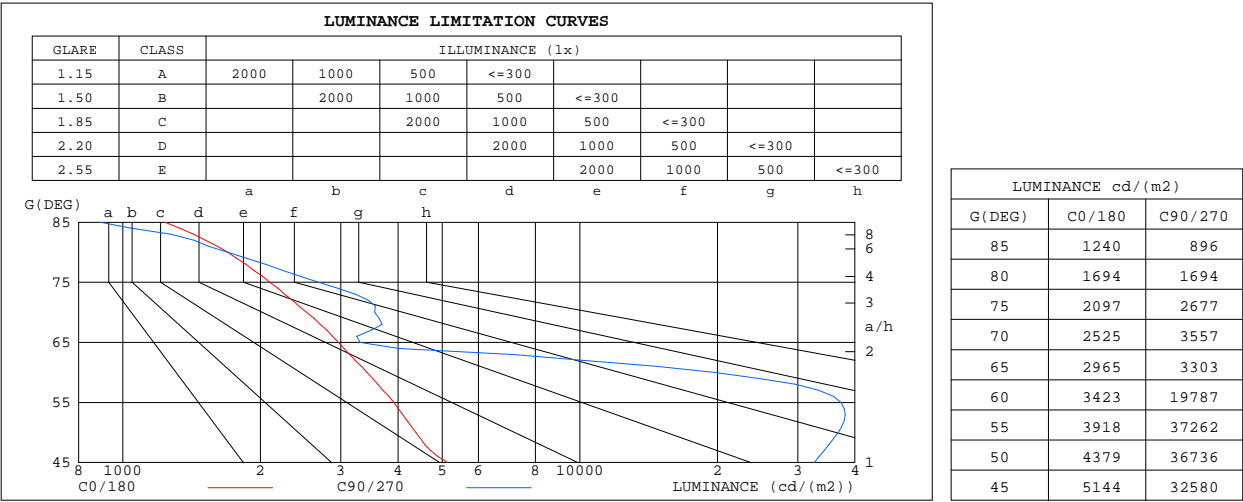
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	6072	7163	7552	7264	6131	4662	4001	4569	0- 10	582.8	582.8	4.03,4.03
20	5394	7562	8111	7724	5519	2419	1476	2263	10- 20	1550	2132	14.7,14.7
30	4124	7482	7272	7706	4302	1093	918.2	1071	20- 30	2124	4257	29.4,29.4
40	2141	6583	7206	6824	2316	884.0	1742	895.2	30- 40	2428	6685	46.2,46.2
50	898.7	6031	7608	6250	942.7	1203	1578	1242	40- 50	2747	9432	65.2,65.2
60	546.5	6611	3187	6904	575.8	923.3	643.1	905.9	50- 60	2717	12149	83.9,83.9
70	275.7	3893	391.9	4256	290.1	310.0	487.3	307.5	60- 70	1534	13683	94.5,94.5
80	93.91	266.9	94.80	279.0	98.99	162.5	118.7	154.2	70- 80	607.5	14290	98.7,98.7
90	2.682	2.451	2.130	2.753	1.297	4.665	2.486	5.598	80- 90	104.0	14394	99.4,99.4
100	5.057	3.741	3.699	3.967	2.278	6.479	7.340	7.521	90-100	4.383	14399	99.5,99.5
110	9.350	5.181	5.957	5.491	4.282	8.982	9.421	9.525	100-110	6.304	14405	99.5,99.5
120	14.73	6.078	7.169	6.518	7.018	12.24	12.63	13.35	110-120	8.258	14413	99.6,99.6
130	20.27	7.902	7.251	8.443	9.879	19.51	17.42	17.09	120-130	10.18	14423	99.6,99.6
140	25.31	12.77	9.564	13.11	13.64	28.73	25.46	23.97	130-140	12.20	14436	99.7,99.7
150	29.07	20.61	16.60	20.70	18.19	33.98	36.25	31.18	140-150	13.80	14449	99.8,99.8
160	31.37	28.64	27.04	28.12	23.16	37.40	41.09	35.56	150-160	13.17	14462	99.9,99.9
170	32.16	34.67	35.79	33.60	28.10	39.55	42.46	38.20	160-170	9.535	14472	100,100
180	31.00	38.06	40.40	36.45	31.01	38.09	40.40	36.47	170-180	3.454	14475	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:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



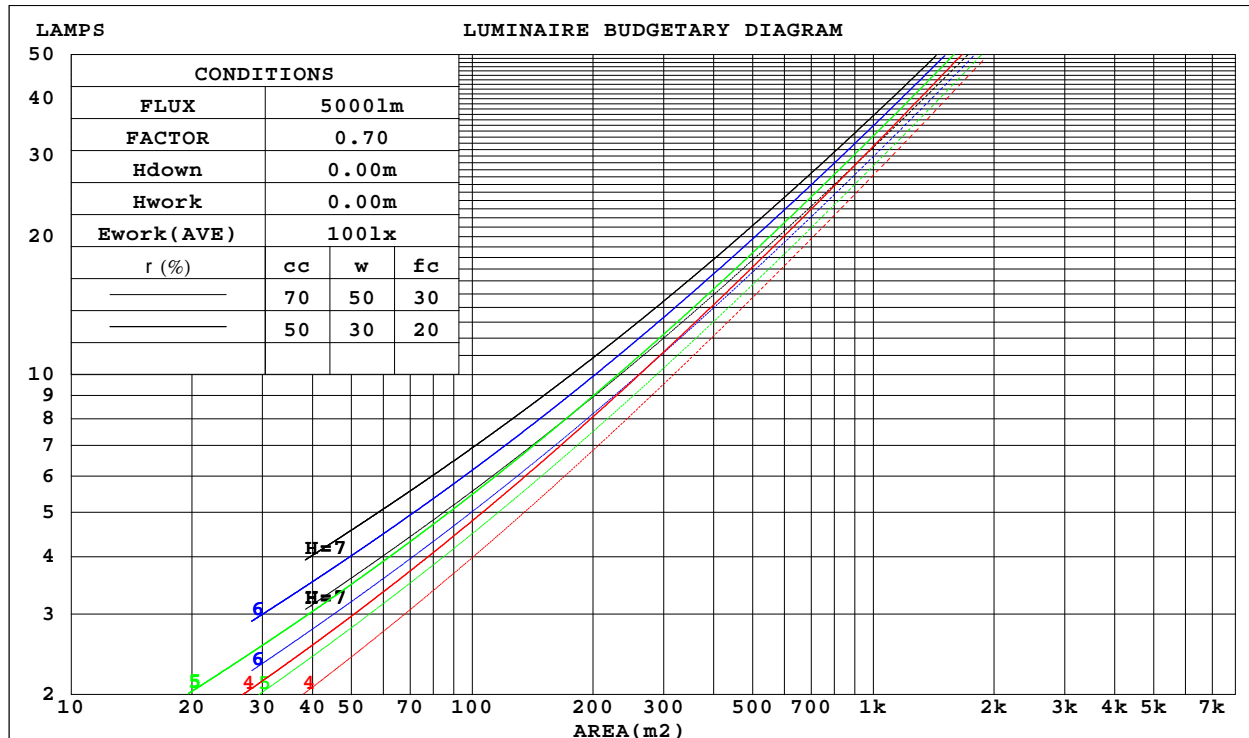
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.21V I:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 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	.81	.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	.51	.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:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 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	.260	.149	.048	.248	.143	.046	.237	.137	.044	
2.0	.272	.149	.046	.265	.146	.045	.253	.141	.044	.243	.136	.043	.233	.132	.041	
3.0	.255	.136	.041	.250	.134	.040	.239	.130	.039	.230	.126	.039	.221	.122	.038	
4.0	.238	.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	.144	.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:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 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	19.8	18.6	20.0	20.2	
	3H	13.9	15.3	14.2	15.5	15.8	18.2	19.5	18.5	19.8	20.0
	4H	13.9	15.2	14.2	15.4	15.7	18.1	19.4	18.4	19.6	19.9
	6H	13.8	15.0	14.1	15.3	15.6	18.0	19.2	18.3	19.5	19.7
	8H	13.8	14.9	14.1	15.2	15.5	17.9	19.1	18.3	19.4	19.7
	12H	13.7	14.8	14.1	15.1	15.4	17.9	19.0	18.2	19.3	19.6
4H	2H	17.1	18.4	17.5	18.7	18.9	19.4	20.6	19.7	20.9	21.2
	3H	18.3	19.4	18.7	19.7	20.0	19.2	20.4	19.6	20.7	21.0
	4H	18.8	19.8	19.1	20.1	20.4	19.2	20.2	19.5	20.5	20.8
	6H	18.7	19.6	19.2	20.0	20.4	19.1	20.0	19.5	20.3	20.7
	8H	18.7	19.5	19.1	19.9	20.3	19.0	19.9	19.4	20.2	20.6
	12H	18.7	19.4	19.1	19.8	20.2	19.0	19.7	19.4	20.1	20.6
8H	4H	19.0	19.9	19.5	20.2	20.6	19.4	20.2	19.8	20.6	21.0
	6H	19.4	20.0	19.8	20.4	20.9	19.3	20.0	19.8	20.4	20.8
	8H	19.4	20.0	19.9	20.4	20.9	19.3	19.9	19.7	20.3	20.8
	12H	19.4	19.9	19.9	20.4	20.9	19.2	19.7	19.7	20.2	20.7
12H	4H	19.0	19.8	19.4	20.2	20.6	19.4	20.1	19.8	20.5	21.0
	6H	19.3	19.9	19.8	20.4	20.8	19.3	19.9	19.8	20.4	20.8
	8H	19.4	19.9	19.9	20.4	20.9	19.3	19.8	19.8	20.3	20.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.7 / - 0.6					+ 0.9 / - 1.0					
1.5H	+ 1.1 / - 1.1					+ 2.0 / - 2.8					
2.0H	+ 0.7 / - 1.7					+ 1.7 / - 2.2					

CIE Pub.117, 14475 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.3)
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:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

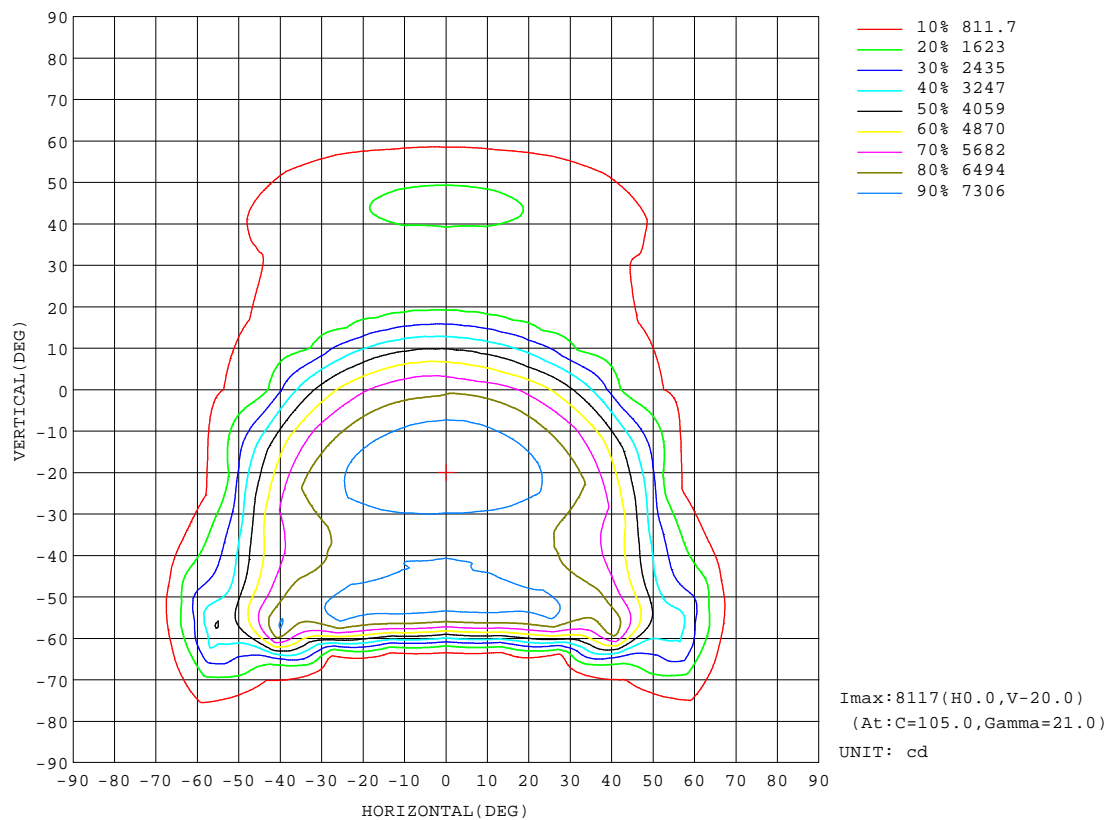
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	57	50	67	56	49	65	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	83	95	87	82	91	85	80	73
2.50	100	93	87	98	92	86	94	89	84	76
3.00	103	97	92	101	96	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:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



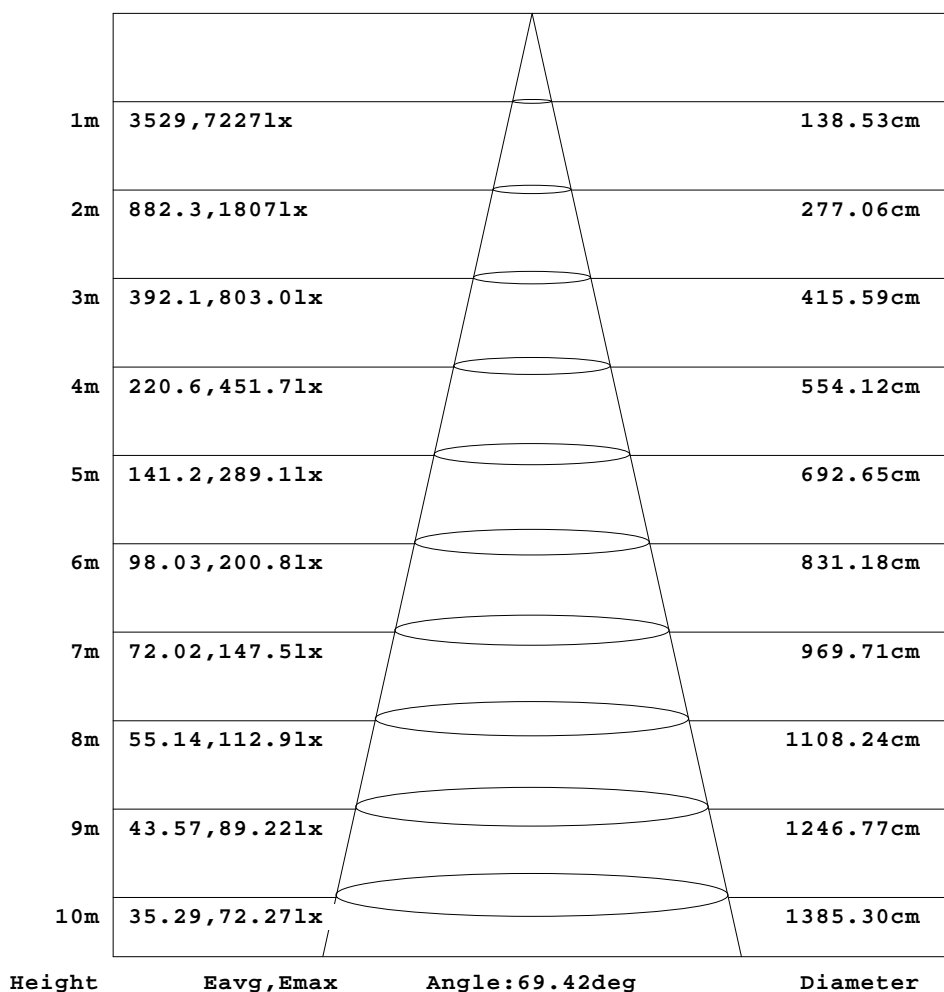
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:5436 lm



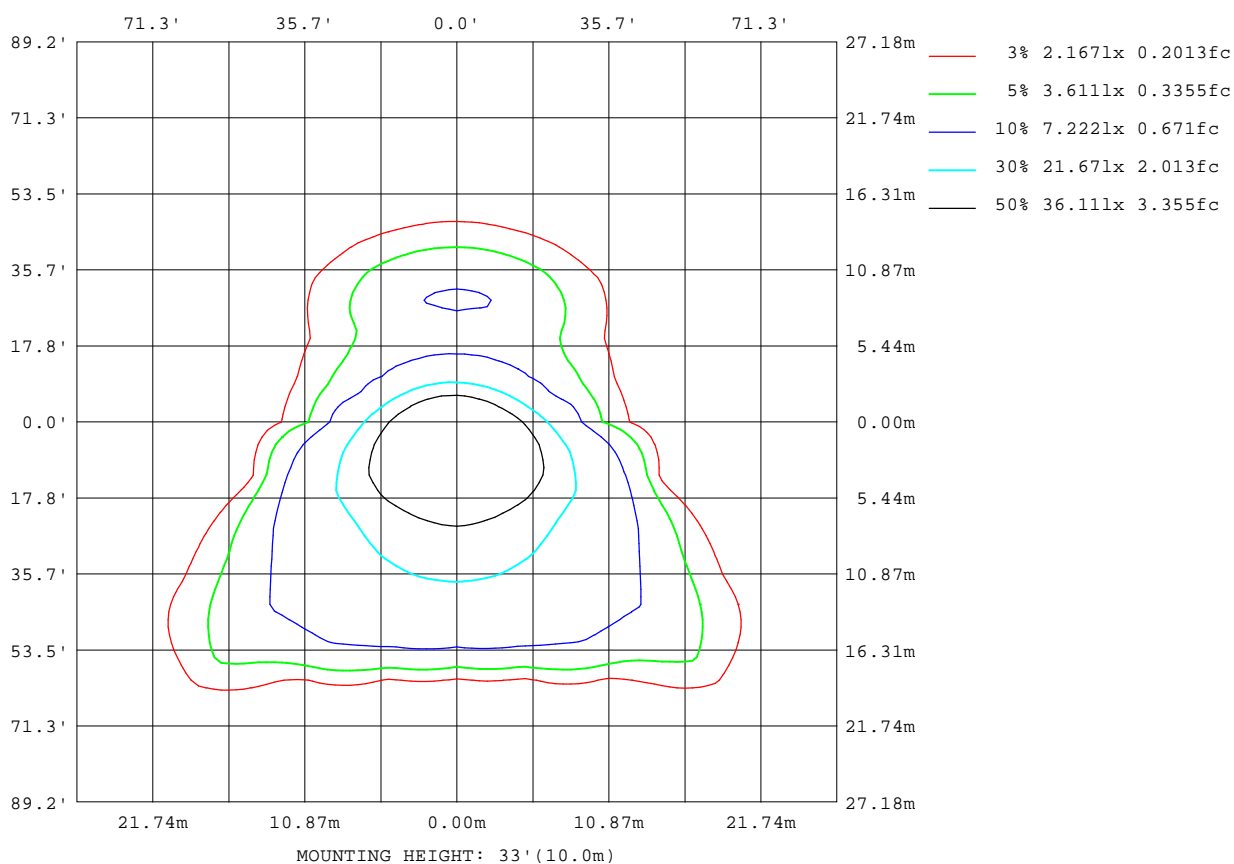
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 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:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 lm		
NAME: XWPD(45/63/90)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

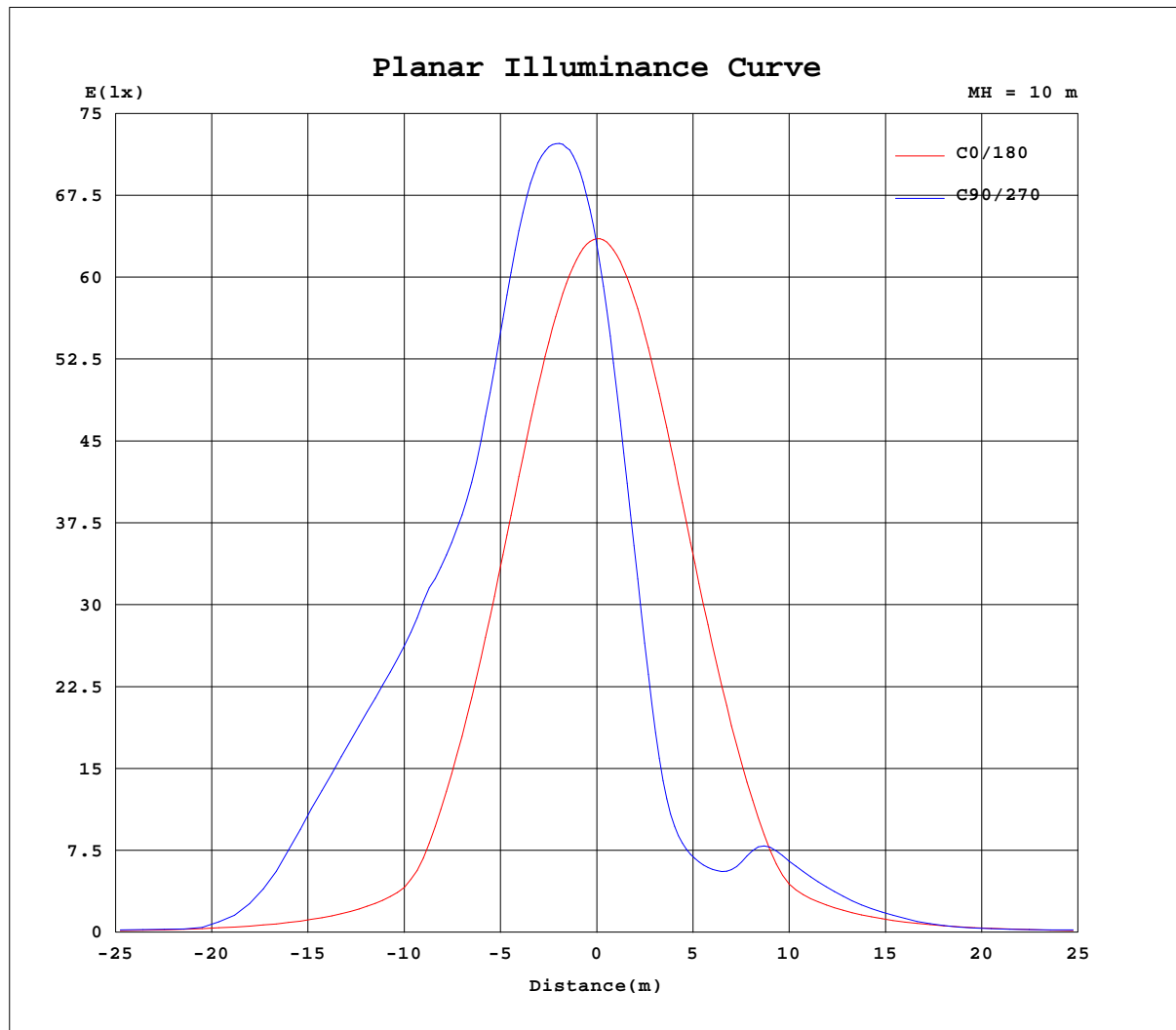
AvgL	cd/m2
L_0~180(65)av	3015
L_0~180(75)av	2130
L_0~180(85)av	1243
L_90~270(65)av	3160
L_90~270(75)av	3405
L_90~270(85)av	1062
L_45(65)av	28968
L_45(75)av	7232
L_45(85)av	2171

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:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 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	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293	6293
5	6230	6449	6656	6811	6924	7009	7043	7029	6962	6859	6700	6488	6262	6028	5802	5587	5422	5301	5272
10	6072	6517	6884	7163	7356	7499	7552	7536	7434	7264	6978	6588	6131	5627	5149	4662	4327	4066	4001
15	5798	6488	7011	7399	7672	7864	7933	7922	7775	7534	7136	6590	5882	5075	4302	3598	3083	2737	2625
20	5394	6363	7052	7562	7881	8062	8111	8132	8012	7724	7208	6490	5519	4368	3314	2419	1847	1561	1476
25	4846	6149	7029	7623	7821	7852	7840	7944	7983	7821	7208	6294	4996	3504	2208	1435	1181	1052	1024
30	4124	5832	6942	7482	7435	7325	7272	7419	7614	7706	7149	5990	4302	2478	1347	1093	951	918	918
35	3238	5381	6758	7103	6915	6875	6950	6953	7083	7352	6992	5547	3413	1468	1062	944	893	982	1048
40	2141	4772	6425	6583	6623	7034	7206	7103	6779	6824	6680	4926	2316	1082	938	884	1095	1555	1742
45	1161	3970	5908	6152	6846	7280	7422	7355	7003	6379	6172	4110	1249	926	856	1035	1517	1817	1850
50	899	2966	5238	6031	7096	7532	7608	7623	7268	6250	5508	3076	943	795	830	1203	1532	1577	1578
55	718	1642	4390	6275	7451	7252	6886	7363	7634	6530	4637	1681	753	668	817	1179	1243	1170	1159
60	547	814	3575	6611	6972	4269	3187	4402	7219	6904	3796	866	576	538	796	923	844	687	643
65	400	635	3035	7182	2407	543	450	566	2644	7512	3281	680	422	422	667	560	421	401	411
70	276	468	3503	3893	368	398	392	410	389	4256	3860	508	290	327	384	310	347	449	487
75	173	296	3133	909	255	238	223	247	270	953	3380	320	182	224	218	275	397	363	345
80	93.9	150	1333	267	119	105	94.8	109	127	279	1441	164	99.0	112	158	163	145	127	119
85	34.5	123	429	59.4	31.5	27.4	25.2	29.1	35.4	65.4	468	146	35.4	46.6	51.8	61.4	50.3	36.7	34.5
90	2.68	2.09	2.71	2.45	2.15	2.08	2.13	2.56	2.77	2.75	3.12	2.24	1.30	2.16	3.55	4.67	4.92	3.53	2.49
95	3.59	2.52	2.79	3.06	2.97	2.84	2.89	3.19	3.36	3.25	3.06	2.77	1.68	2.97	4.33	5.61	6.18	5.95	5.37
100	5.06	3.11	3.33	3.74	3.79	3.70	3.70	3.97	4.08	3.97	3.68	3.43	2.28	4.09	5.31	6.48	7.00	7.19	7.34
105	7.00	3.82	3.97	4.49	4.72	4.71	4.73	4.93	5.00	4.75	4.36	4.22	3.13	5.59	6.57	7.59	7.85	7.98	8.37
110	9.35	4.90	4.58	5.18	5.62	5.82	5.96	6.02	5.90	5.49	5.04	5.23	4.28	7.43	8.18	8.98	9.05	8.96	9.42
115	12.0	6.53	5.19	5.69	6.22	6.57	6.77	6.81	6.55	6.05	5.73	6.58	5.63	9.41	10.4	10.5	10.7	10.3	10.8
120	14.7	8.71	6.13	6.08	6.56	6.94	7.17	7.20	6.93	6.52	6.68	8.38	7.02	11.6	13.2	12.2	12.7	12.2	12.6
125	17.5	11.4	7.67	6.69	6.79	7.09	7.31	7.34	7.18	7.21	8.08	10.7	8.39	13.9	16.5	15.2	14.5	14.5	14.5
130	20.3	14.3	9.95	7.90	7.29	7.16	7.25	7.41	7.73	8.44	10.10	13.4	9.88	16.1	20.1	19.5	17.3	17.2	17.4
135	22.9	17.5	12.8	9.91	8.56	7.87	7.76	8.16	9.03	10.3	12.7	16.1	11.7	17.8	23.2	24.4	21.9	20.9	21.2
140	25.3	20.7	16.1	12.8	10.8	9.72	9.56	10.1	11.3	13.1	15.8	19.0	13.6	19.3	25.7	28.7	27.8	25.9	25.5
145	27.4	23.8	19.8	16.5	14.2	12.8	12.5	13.1	14.6	16.8	19.2	21.7	15.8	21.0	27.1	32.0	32.9	31.7	30.7
150	29.1	26.4	23.4	20.6	18.5	17.0	16.6	17.2	18.9	20.7	22.5	24.1	18.2	22.9	28.5	34.0	36.7	36.9	36.3
155	30.4	28.7	26.7	24.8	23.3	22.0	21.7	22.2	23.4	24.5	25.4	26.1	20.6	25.2	30.5	35.5	38.5	39.9	39.8
160	31.4	30.5	29.6	28.6	27.9	27.2	27.0	27.3	27.9	28.1	28.1	28.0	23.2	27.9	33.0	37.4	39.9	41.1	41.1
165	32.0	31.9	31.9	31.9	32.0	31.9	31.8	31.8	31.7	31.1	30.2	29.7	25.9	30.5	35.2	39.1	41.3	42.4	42.3
170	32.2	32.9	33.7	34.7	35.3	35.7	35.8	35.5	34.8	33.6	32.2	31.1	28.1	32.2	36.2	39.6	41.5	42.6	42.5
175	31.8	33.4	35.1	36.6	37.8	38.6	38.6	38.0	36.9	35.3	33.4	31.7	29.7	33.1	36.4	39.0	40.9	41.9	41.7
180	31.0	33.5	35.9	38.1	39.6	40.6	40.4	39.8	38.3	36.4	34.2	31.8	31.0	33.5	35.9	38.1	39.6	40.6	40.4

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.21V I:0.7508A P:90.258W PF:0.9917 Freq:59.98Hz Lamp Flux:14475.5x1 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	6293	6293	6293	6293	6293													
5	5278	5375	5534	5747	5974													
10	4028	4248	4569	5025	5530													
15	2690	2981	3464	4145	4937													
20	1524	1761	2263	3120	4177													
25	1046	1151	1384	2010	3281													
30	919	944	1071	1277	2240													
35	1000	902	928	1040	1367													
40	1597	1151	895	927	1054													
45	1819	1562	1091	857	910													
50	1573	1536	1242	853	786													
55	1162	1220	1192	862	666													
60	670	812	906	821	538													
65	401	406	534	663	428													
70	454	350	307	368	334													
75	347	388	277	216	219													
80	124	140	154	157	111													
85	34.8	46.2	57.8	51.9	46.2													
90	3.33	5.30	5.60	4.71	2.51													
95	6.16	7.24	6.74	5.35	3.05													
100	8.12	8.60	7.52	5.98	3.75													
105	9.37	9.58	8.36	6.79	4.66													
110	10.6	10.7	9.53	7.85	5.69													
115	12.0	12.1	11.1	9.10	6.78													
120	13.6	14.0	13.3	10.10	7.96													
125	15.6	17.2	15.4	11.4	9.25													
130	19.5	20.5	17.1	13.5	10.7													
135	22.8	22.5	19.5	16.4	11.9													
140	26.1	25.8	24.0	19.3	13.2													
145	30.9	30.6	28.1	21.9	15.1													
150	36.1	34.8	31.2	24.4	17.9													
155	39.4	37.4	33.4	27.4	21.4													
160	40.6	38.8	35.6	30.7	25.2													
165	41.6	40.0	37.6	33.6	28.8													
170	41.7	40.2	38.2	35.0	30.9													
175	40.9	39.4	37.5	34.9	31.6													
180	39.8	38.3	36.5	34.2	31.8													

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: