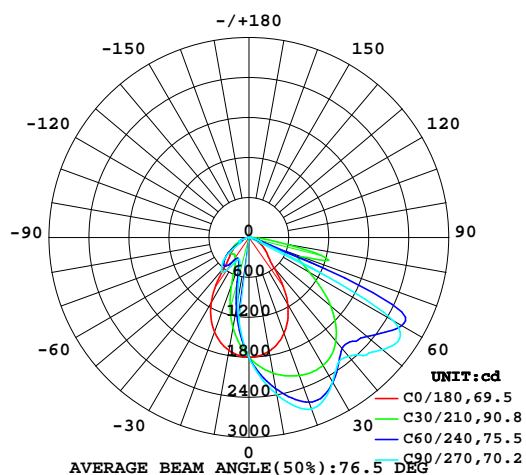


LUMINAIRE PHOTOMETRIC TEST REPORT

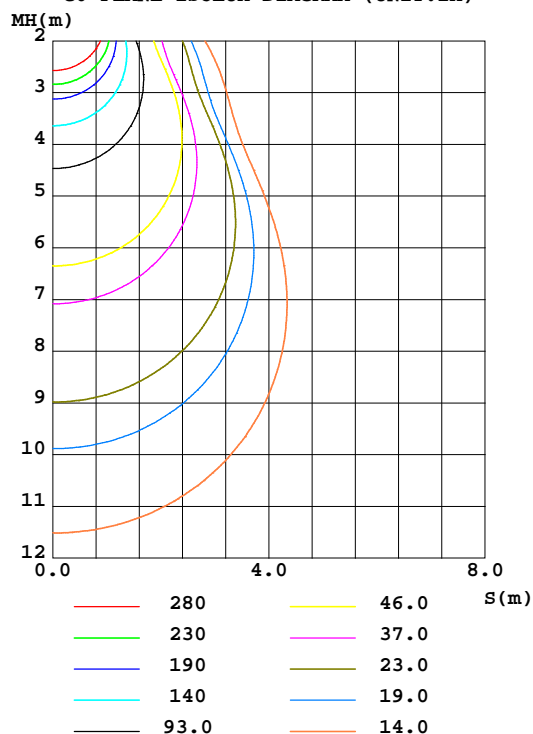
Test:U:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 156.94 lm/W			
MODEL		I _{max} (cd)	2746	S/MH(C0/180)	1.01
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	4840.3	h UP,DN(C0-180)	0.2,80.2
NOMINAL FLUX(lm)	4840.34	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,19.3
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:

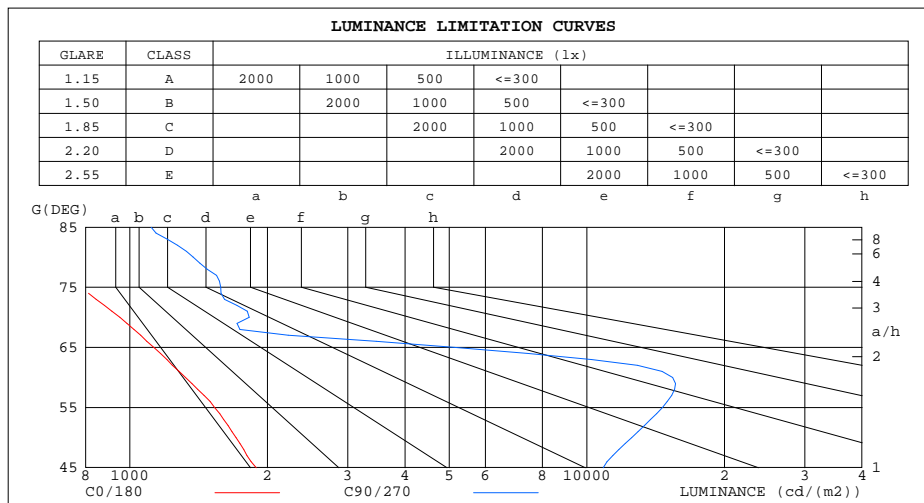
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1736	2202	2387	2192	1724	1215	985.2	1217	0- 10	167.2	167.2	3.45,3.45
20	1536	2466	2738	2446	1513	539.6	417.7	557.8	10- 20	454.9	622.1	12.9,12.9
30	1167	2482	2509	2510	1137	366.9	435.5	383.2	20- 30	664.8	1287	26.6,26.6
40	574.3	2172	2330	2231	560.8	443.1	642.1	448.3	30- 40	799.4	2086	43.1,43.1
50	343.0	1890	2617	1845	347.7	445.4	463.2	465.1	40- 50	880.2	2966	61.3,61.3
60	206.5	2046	2502	1824	217.7	240.6	156.6	269.7	50- 60	899.4	3866	79.9,79.9
70	101.6	2081	202.7	2094	110.5	94.76	163.9	98.18	60- 70	654.7	4520	93.4,93.4
80	33.57	231.6	77.67	328.8	38.30	38.34	18.86	41.74	70- 80	244.1	4765	98.4,98.4
90	0.8968	8.873	7.602	8.459	0.5690	1.752	1.836	1.995	80- 90	48.59	4813	99.4,99.4
100	1.545	1.224	1.083	1.388	0.8084	2.347	2.969	2.402	90-100	1.855	4815	99.5,99.5
110	2.699	1.797	1.788	1.967	1.367	3.327	3.691	3.090	100-110	2.169	4817	99.5,99.5
120	4.207	2.254	2.544	2.432	2.143	4.748	4.826	4.277	110-120	2.875	4820	99.6,99.6
130	5.877	2.635	2.754	2.959	3.017	7.618	7.192	5.326	120-130	3.565	4824	99.7,99.7
140	7.455	3.699	3.041	4.090	4.221	10.21	9.942	7.836	130-140	4.149	4828	99.7,99.7
150	8.693	5.788	4.670	6.224	5.675	10.99	12.96	9.346	140-150	4.439	4832	99.8,99.8
160	9.463	8.428	7.795	8.591	7.226	12.00	13.37	10.83	150-160	4.054	4836	99.9,99.9
170	9.751	10.71	11.12	10.54	8.641	12.71	13.93	11.94	160-170	2.961	4839	100,100
180	9.448	12.11	13.11	11.49	9.453	12.12	13.12	11.49	170-180	1.088	4840	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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	425	1114
80	619	1377
75	778	1580
70	952	1825
65	1129	5142
60	1323	15413
55	1534	14632
50	1710	12537
45	1890	10858

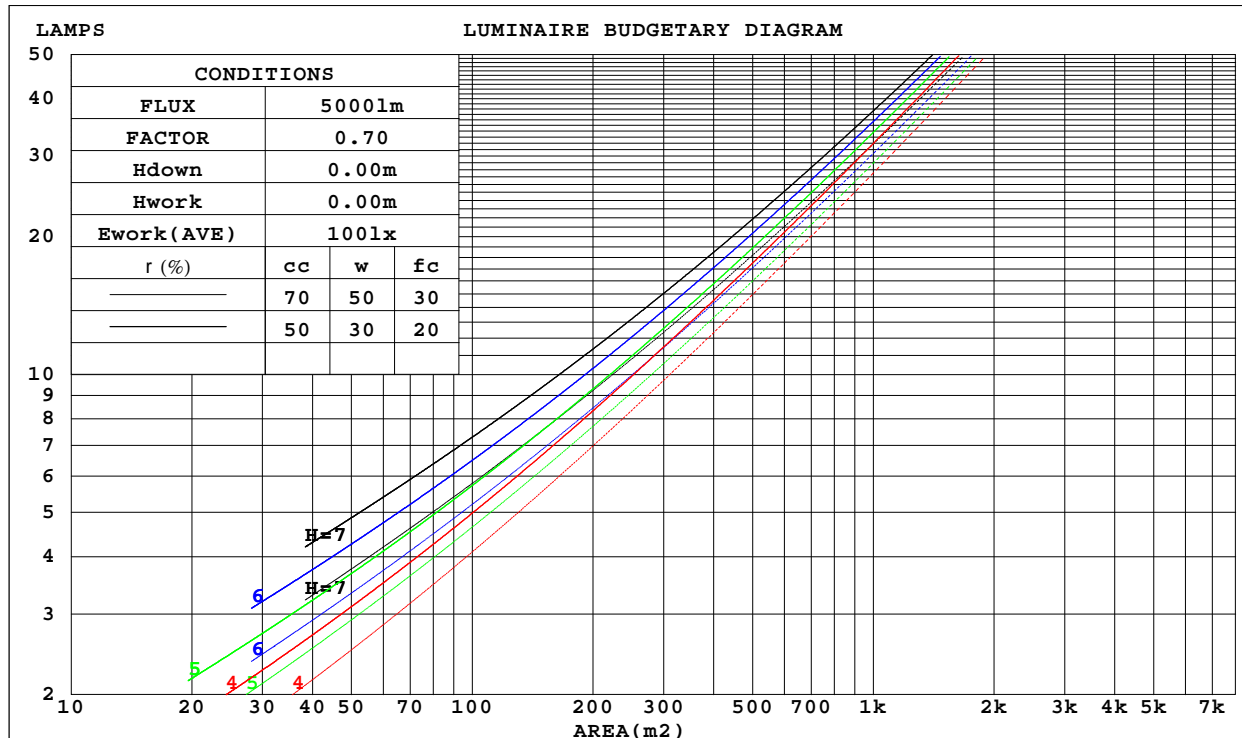
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	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	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.55	.66	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.35	.47	.40	.35	.46	.40	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	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	.297	.169	.053	.289	.165	.052	.276	.158	.051	.263	.152	.049	.252	.146	.047	
2.0	.285	.156	.048	.279	.153	.047	.267	.148	.046	.256	.143	.045	.245	.139	.044	
3.0	.267	.142	.043	.261	.140	.042	.250	.136	.041	.241	.132	.040	.232	.128	.040	
4.0	.248	.129	.038	.243	.127	.038	.233	.124	.037	.225	.121	.036	.216	.118	.036	
5.0	.230	.117	.034	.225	.116	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.214	.107	.031	.210	.106	.030	.202	.104	.030	.195	.101	.030	.189	.099	.029	
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.171	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.148	.074	.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	.184	.161	.140	.157	.138	.120	.108	.095	.083	.062	.055	.048	.020	.018	.016	
2.0	.176	.136	.103	.150	.117	.089	.103	.081	.062	.059	.047	.036	.019	.015	.012	
3.0	.168	.119	.079	.144	.102	.069	.099	.071	.048	.057	.042	.028	.018	.013	.009	
4.0	.161	.105	.063	.138	.091	.055	.095	.063	.038	.055	.037	.023	.018	.012	.007	
5.0	.154	.095	.052	.132	.082	.045	.091	.057	.032	.053	.034	.019	.017	.011	.006	
6.0	.147	.087	.044	.126	.075	.038	.087	.053	.027	.050	.031	.016	.016	.010	.005	
7.0	.140	.080	.038	.120	.069	.033	.083	.048	.023	.048	.029	.014	.016	.009	.005	
8.0	.133	.074	.033	.115	.064	.029	.080	.045	.020	.046	.027	.012	.015	.009	.004	
9.0	.127	.069	.030	.110	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.122	.065	.027	.105	.056	.023	.073	.040	.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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm										
NAME: XWPD(30/45/63)W(30/40/50)W					TYPE:			WEIGHT:		
SPEC.: 3000K					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	13.3	14.8	13.6	15.0	15.2	20.3	21.8	20.6	22.0	22.2
3H	13.5	14.9	13.8	15.1	15.4	20.3	21.7	20.6	21.9	22.2
4H	13.5	14.8	13.8	15.1	15.3	20.2	21.5	20.5	21.8	22.1
6H	13.4	14.7	13.8	14.9	15.2	20.1	21.4	20.5	21.6	21.9
8H	13.4	14.6	13.7	14.9	15.2	20.1	21.3	20.4	21.6	21.9
12H	13.3	14.5	13.7	14.8	15.1	20.0	21.2	20.4	21.5	21.8
4H 2H	17.3	18.7	17.7	18.9	19.2	21.1	22.4	21.4	22.7	23.0
3H	18.5	19.6	18.8	19.9	20.3	21.2	22.4	21.6	22.7	23.0
4H	19.1	20.1	19.4	20.4	20.8	21.2	22.2	21.5	22.5	22.9
6H	19.1	20.0	19.5	20.4	20.8	21.1	22.0	21.5	22.4	22.8
8H	19.0	19.9	19.5	20.3	20.7	21.1	21.9	21.5	22.3	22.7
12H	19.0	19.8	19.4	20.2	20.6	21.0	21.8	21.5	22.2	22.6
8H 4H	19.8	20.7	20.2	21.0	21.4	21.4	22.3	21.8	22.7	23.1
6H	20.2	20.9	20.6	21.3	21.8	21.4	22.1	21.8	22.5	23.0
8H	20.3	20.9	20.7	21.3	21.8	21.4	22.0	21.8	22.4	22.9
12H	20.3	20.8	20.8	21.3	21.8	21.3	21.9	21.8	22.3	22.8
12H 4H	19.8	20.5	20.2	20.9	21.4	21.4	22.2	21.9	22.6	23.0
6H	20.2	20.8	20.7	21.3	21.7	21.4	22.0	21.9	22.5	22.9
8H	20.3	20.9	20.8	21.3	21.8	21.4	21.9	21.9	22.4	22.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.5 / - 0.3					+ 0.4 / - 0.6				
1.5H	+ 0.6 / - 0.6					+ 1.5 / - 1.7				
2.0H	+ 0.9 / - 2.0					+ 2.1 / - 3.5				

CIE Pub.117, 4840 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.5)
Area: 0.3224 m2

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

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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

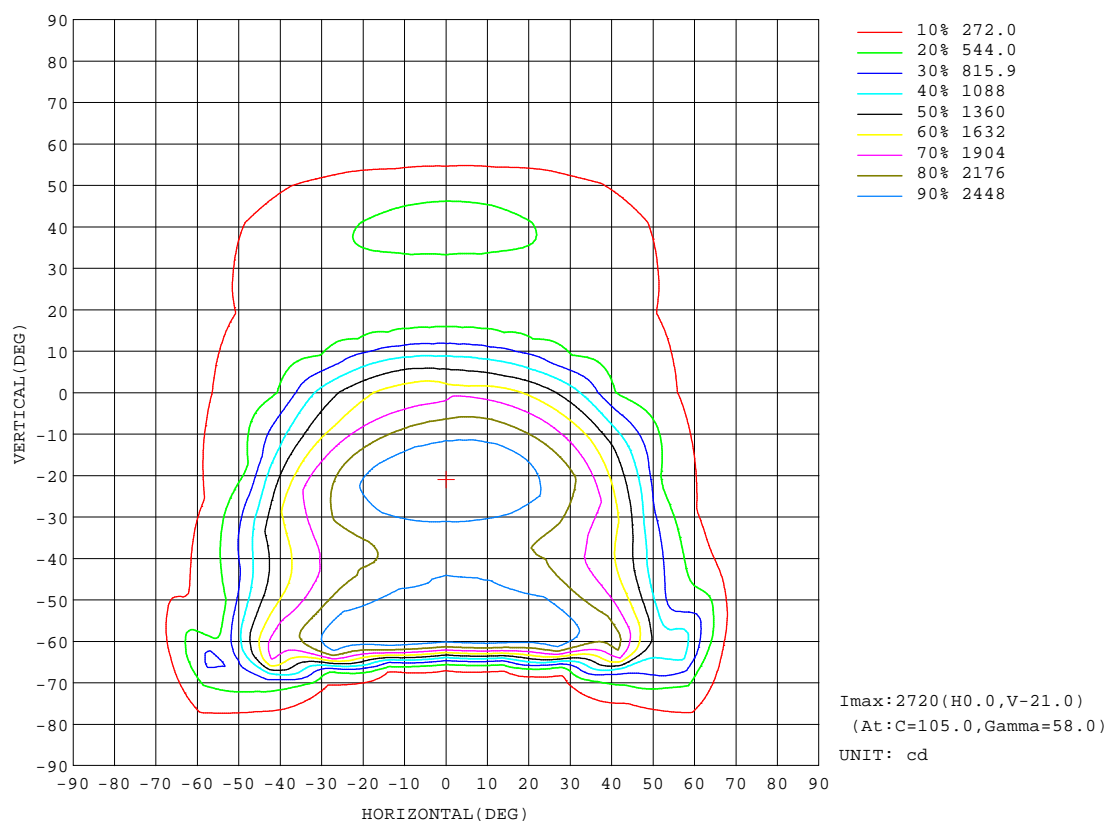
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	56
1.50	88	78	71	86	77	71	83	75	69	62
2.00	95	87	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	85	93	87	83	74
3.00	103	96	90	100	94	89	96	91	87	79
4.00	107	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	102	99	96	86
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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



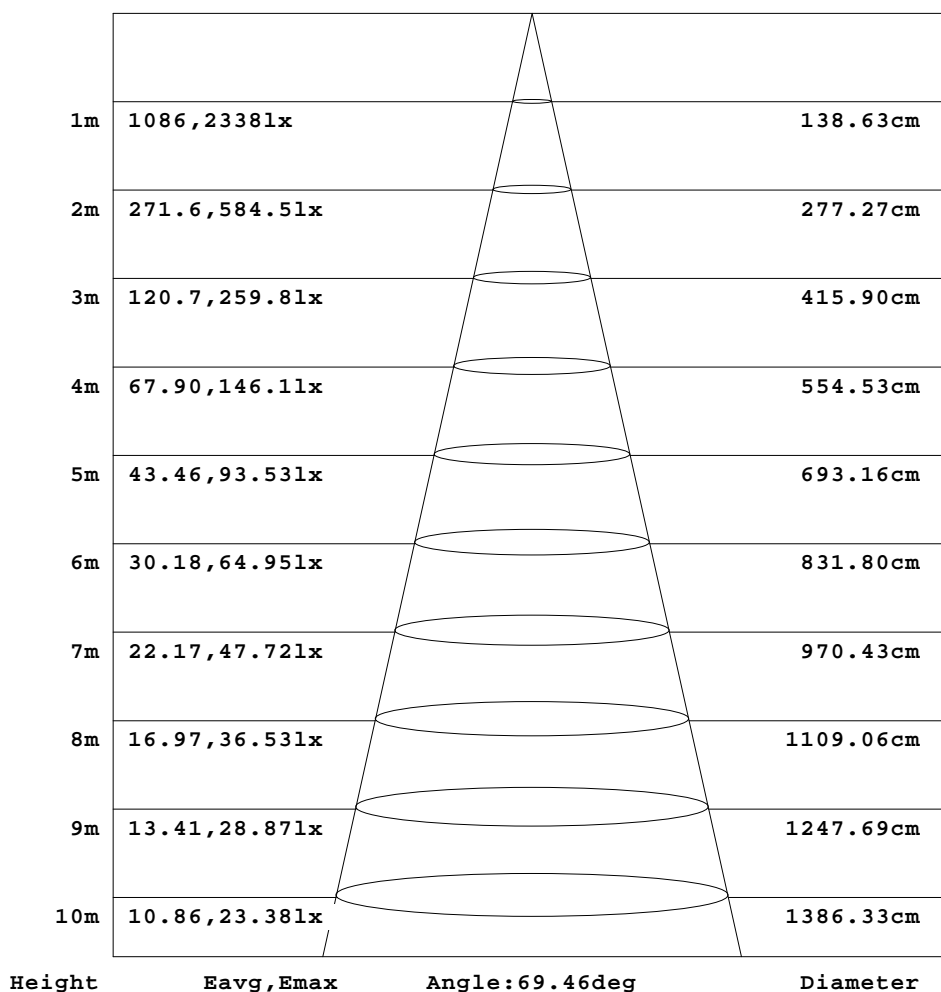
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:1673 lm



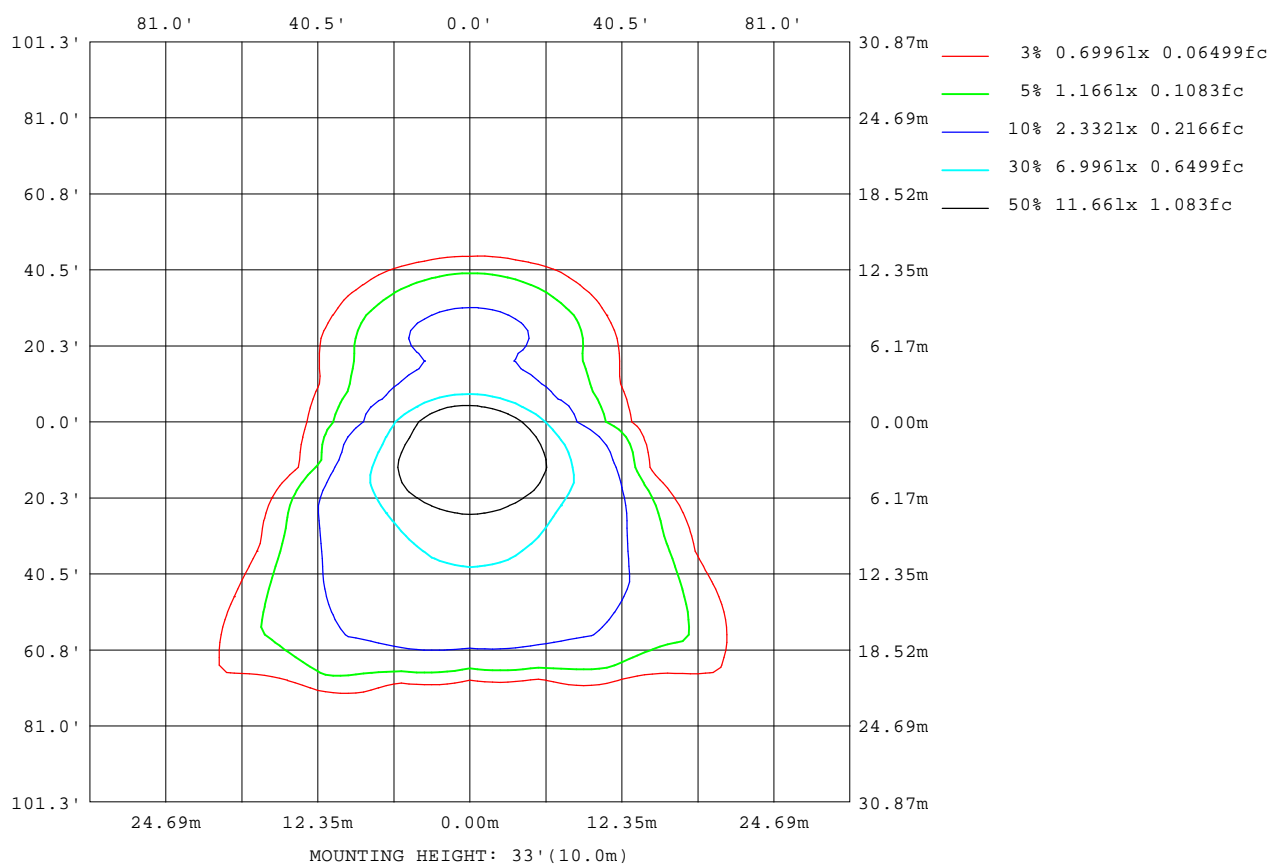
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

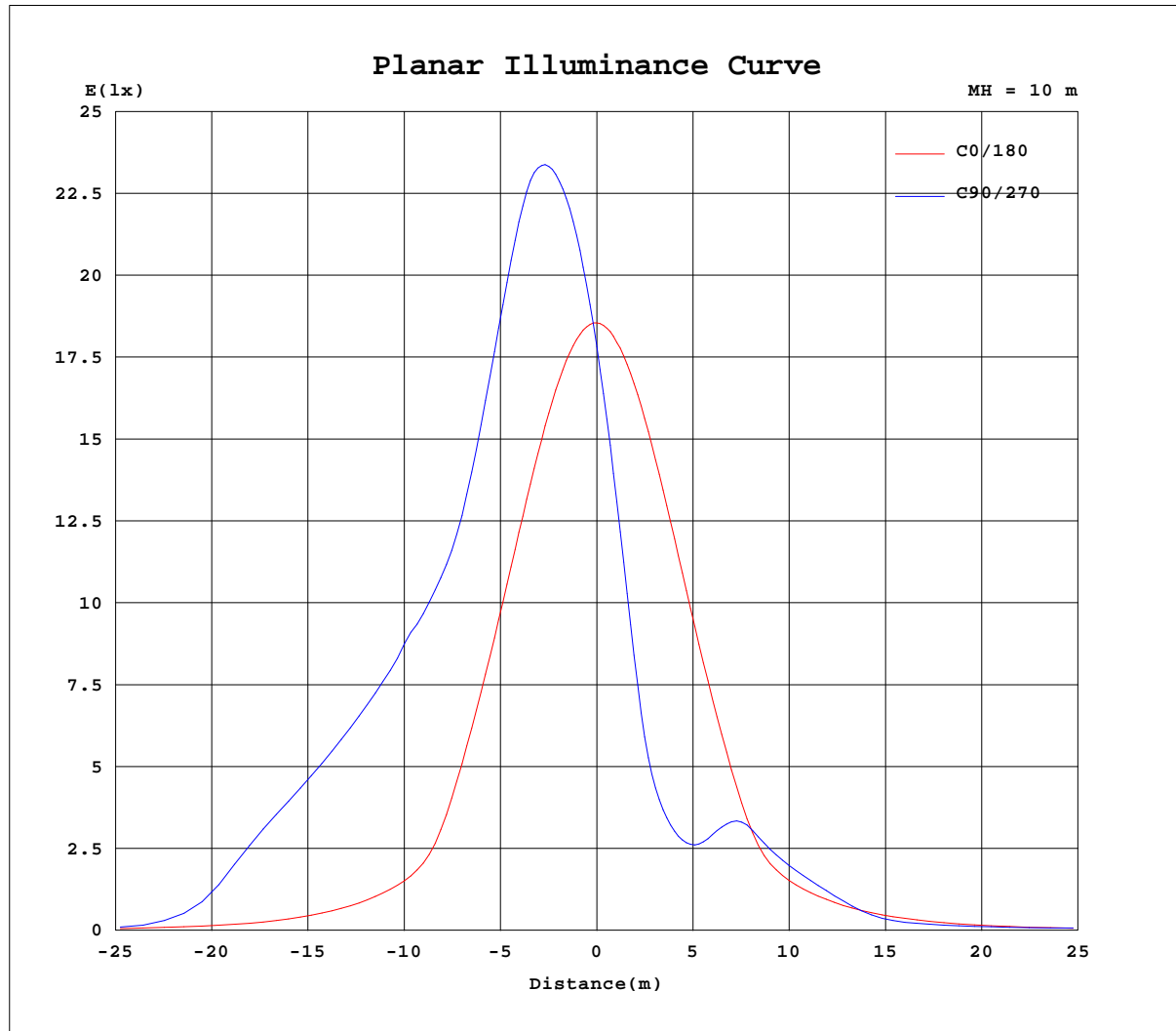
AvgL	cd/m2
L_0~180(65)av	1130
L_0~180(75)av	794
L_0~180(85)av	467
L_90~270(65)av	3093
L_90~270(75)av	1131
L_90~270(85)av	577
L_45(65)av	8246
L_45(75)av	4946
L_45(85)av	1598

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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	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	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795	1795
5	1782	1866	1945	2016	2070	2107	2116	2104	2066	2011	1938	1851	1777	1690	1609	1531	1475	1431	1422
10	1736	1906	2064	2202	2302	2370	2387	2370	2297	2192	2046	1874	1724	1548	1381	1215	1092	1005	985
15	1655	1916	2148	2350	2495	2589	2613	2587	2487	2333	2121	1863	1637	1368	1102	851	690	606	590
20	1536	1891	2204	2466	2629	2721	2738	2729	2629	2446	2160	1820	1513	1144	783	540	463	426	418
25	1375	1832	2232	2525	2631	2674	2677	2703	2664	2516	2172	1736	1350	869	518	419	376	363	363
30	1167	1736	2219	2482	2516	2520	2509	2556	2567	2510	2152	1611	1137	584	411	367	365	413	435
35	898	1597	2158	2354	2338	2332	2322	2359	2396	2403	2090	1439	866	441	362	366	467	571	608
40	574	1413	2030	2172	2179	2291	2330	2283	2209	2231	1976	1213	561	378	340	443	563	630	642
45	417	1176	1840	1985	2204	2443	2493	2426	2159	2017	1794	929	419	331	350	480	539	558	565
50	343	886	1600	1890	2314	2562	2617	2547	2248	1845	1547	559	348	291	368	445	459	459	463
55	275	484	1322	1910	2485	2699	2725	2706	2423	1766	1255	386	280	250	336	362	337	270	256
60	207	333	1052	2046	2647	2618	2502	2699	2624	1824	936	307	218	209	264	241	165	153	157
65	149	253	856	2222	2366	998	706	1215	2591	2020	653	233	159	165	195	121	123	134	137
70	102	183	852	2081	350	197	203	202	593	2094	471	171	111	115	94.1	94.8	119	155	164
75	62.8	106	1201	651	160	139	133	142	193	832	814	116	69.6	67.3	64.5	84.5	66.9	58.2	56.0
80	33.6	51.1	535	232	91.3	82.7	77.7	84.1	95.0	329	561	58.3	38.3	35.2	40.9	38.3	28.6	20.1	18.9
85	11.6	49.6	189	69.8	40.5	34.0	31.5	34.5	40.5	92.4	199	30.2	14.7	12.8	11.7	7.58	2.96	1.21	0.89
90	0.90	0.85	14.3	8.87	8.05	8.32	7.60	7.93	6.78	8.46	10.9	0.91	0.57	0.78	1.23	1.75	2.09	2.02	1.84
95	1.14	0.96	0.95	0.96	0.86	0.82	0.80	0.98	1.08	1.15	1.11	1.12	0.63	1.04	1.52	2.03	2.38	2.55	2.65
100	1.54	1.17	1.17	1.22	1.14	1.11	1.08	1.25	1.32	1.39	1.37	1.37	0.81	1.40	1.87	2.35	2.61	2.78	2.97
105	2.05	1.42	1.43	1.50	1.41	1.40	1.40	1.53	1.62	1.67	1.62	1.66	1.06	1.90	2.36	2.79	2.95	3.06	3.27
110	2.70	1.72	1.67	1.80	1.78	1.78	1.79	1.90	1.98	1.97	1.89	2.01	1.37	2.49	3.00	3.33	3.45	3.50	3.69
115	3.43	2.12	1.90	2.06	2.12	2.20	2.22	2.30	2.31	2.23	2.15	2.43	1.76	3.11	3.80	3.96	4.12	4.10	4.25
120	4.21	2.67	2.17	2.25	2.36	2.48	2.54	2.58	2.54	2.43	2.46	2.96	2.14	3.78	4.83	4.75	4.84	4.82	4.83
125	5.04	3.35	2.51	2.40	2.49	2.61	2.66	2.71	2.68	2.64	2.85	3.63	2.56	4.44	5.93	6.01	5.69	5.73	5.75
130	5.88	4.15	3.02	2.63	2.61	2.69	2.75	2.80	2.83	2.96	3.39	4.38	3.02	5.01	6.98	7.62	7.03	7.06	7.19
135	6.70	5.03	3.72	3.06	2.80	2.78	2.84	2.93	3.09	3.41	4.09	5.17	3.60	5.46	7.79	9.13	8.91	8.52	8.48
140	7.46	5.96	4.58	3.70	3.23	3.02	3.04	3.23	3.59	4.09	4.94	5.97	4.22	5.92	8.30	10.2	10.7	10.4	9.94
145	8.13	6.89	5.59	4.63	3.97	3.66	3.66	3.89	4.40	5.08	5.91	6.79	4.92	6.51	8.55	10.8	12.0	12.1	11.8
150	8.69	7.75	6.69	5.79	5.10	4.71	4.67	4.96	5.53	6.22	6.89	7.52	5.67	7.16	8.96	11.0	12.4	13.1	13.0
155	9.14	8.50	7.78	7.10	6.50	6.12	6.06	6.39	6.91	7.41	7.82	8.15	6.44	7.91	9.63	11.4	12.6	13.2	13.2
160	9.46	9.14	8.80	8.43	8.05	7.80	7.79	8.05	8.38	8.59	8.70	8.74	7.23	8.73	10.4	12.0	13.0	13.5	13.4
165	9.67	9.65	9.66	9.65	9.56	9.50	9.56	9.66	9.71	9.64	9.43	9.23	8.01	9.49	11.1	12.6	13.5	13.9	13.8
170	9.75	10.0	10.4	10.7	10.9	11.1	11.1	11.1	10.9	10.5	10.06	9.63	8.64	10.00	11.4	12.7	13.5	14.0	13.9
175	9.66	10.2	10.9	11.5	12.0	12.3	12.3	12.2	11.7	11.1	10.4	9.74	9.11	10.2	11.4	12.5	13.3	13.7	13.7
180	9.45	10.3	11.2	12.1	12.8	13.2	13.1	12.9	12.2	11.5	10.6	9.68	9.45	10.3	11.2	12.1	12.8	13.2	13.1

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:120.11V I:0.2568A P:30.842W PF:0.9886 Freq:59.98Hz Lamp Flux:4840.34x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345													
0	1795	1795	1795	1795	1795													
5	1435	1476	1535	1615	1701													
10	1008	1095	1217	1386	1569													
15	612	698	858	1111	1396													
20	432	476	558	794	1175													
25	368	387	438	541	901													
30	415	372	383	434	621													
35	573	468	378	383	473													
40	641	569	448	358	404													
45	571	555	490	359	355													
50	474	479	465	374	311													
55	289	370	381	345	265													
60	157	181	270	281	217													
65	135	127	132	211	171													
70	154	116	98.2	106	120													
75	61.5	73.9	83.6	67.4	75.8													
80	22.3	33.0	41.7	46.5	38.6													
85	1.34	4.75	9.88	12.9	15.8													
90	2.16	2.29	1.99	1.49	0.82													
95	2.86	2.70	2.21	1.64	0.92													
100	3.18	2.93	2.40	1.84	1.18													
105	3.50	3.16	2.70	2.11	1.41													
110	3.88	3.54	3.09	2.46	1.73													
115	4.36	4.06	3.65	2.82	2.05													
120	4.94	4.97	4.28	3.17	2.40													
125	6.22	6.09	4.76	3.66	2.80													
130	7.50	6.74	5.33	4.37	3.14													
135	8.38	7.58	6.60	5.08	3.49													
140	9.80	9.13	7.84	5.70	3.88													
145	11.4	10.5	8.77	6.27	4.47													
150	12.5	11.3	9.35	7.04	5.26													
155	12.8	11.6	10.02	8.05	6.32													
160	13.0	12.1	10.8	9.19	7.48													
165	13.4	12.6	11.6	10.22	8.59													
170	13.6	12.8	11.9	10.7	9.29													
175	13.4	12.6	11.8	10.8	9.58													
180	12.9	12.2	11.5	10.6	9.68													

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: