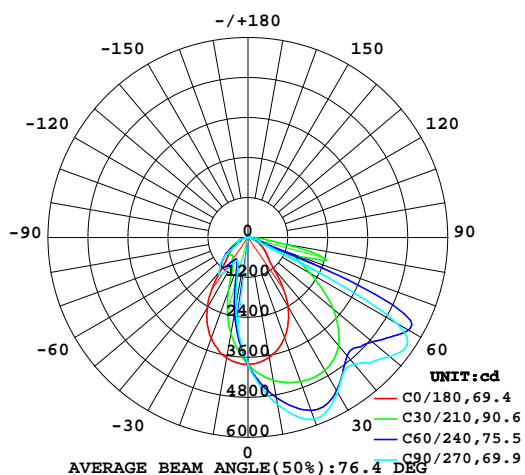


LUMINAIRE PHOTOMETRIC TEST REPORT

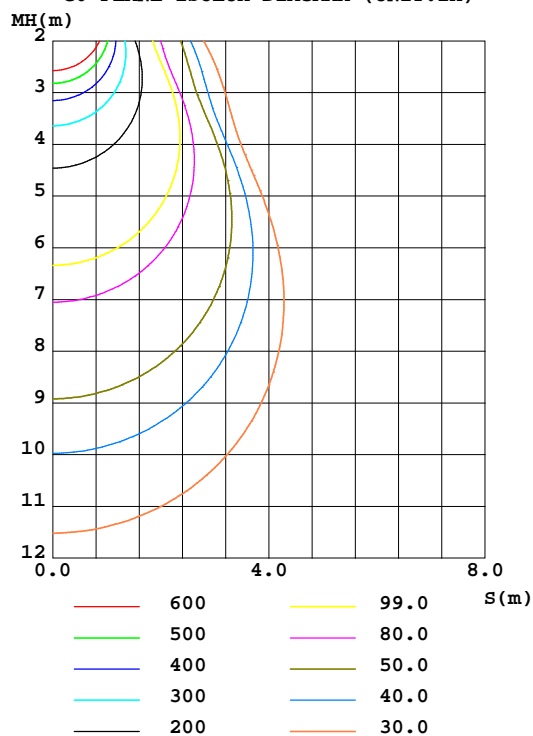
Test:U:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 162.16 lm/W			
MODEL		I _{max} (cd)	5846	S/MH(C0/180)	1.02
NOMINAL POWER(W)	63	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	10251	h UP,DN(C0-180)	0.2,79.9
NOMINAL FLUX(lm)	10251.4	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.3,19.5
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:

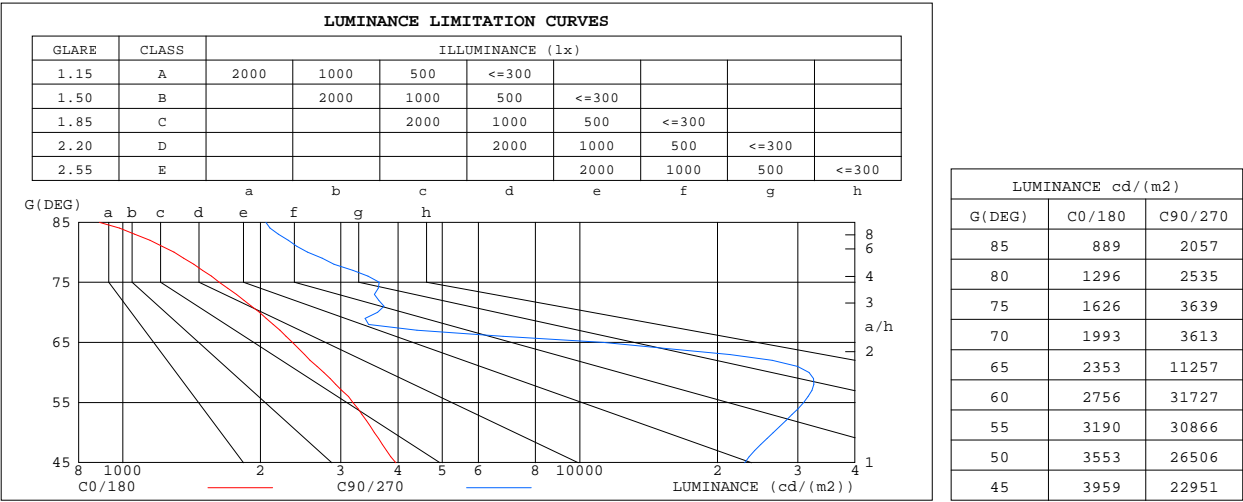
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	3657	4647	5072	4676	3673	2600	2084	2568	0- 10	354.4	354.4	3.46,3.46
20	3208	5167	5800	5225	3225	1199	890.4	1219	10- 20	965.8	1320	12.9,12.9
30	2412	5206	5365	5373	2454	776.4	930.3	826.1	20- 30	1411	2731	26.6,26.6
40	1169	4584	4973	4814	1240	902.5	1361	962.1	30- 40	1698	4429	43.2,43.2
50	704.6	3981	5557	4033	736.4	940.3	971.6	988.6	40- 50	1868	6297	61.4,61.4
60	425.1	4278	5174	4060	458.1	541.2	352.5	574.9	50- 60	1907	8204	80,80
70	210.3	4386	403.0	4607	232.9	212.3	318.6	222.5	60- 70	1377	9582	93.5,93.5
80	69.41	474.6	143.6	631.1	81.66	87.68	43.48	93.36	70- 80	516.8	10099	98.5,98.5
90	1.846	12.22	12.73	15.85	1.242	3.601	3.770	4.276	80- 90	95.85	10194	99.4,99.4
100	3.309	2.537	2.331	2.894	1.540	4.809	6.169	5.145	90-100	3.639	10198	99.5,99.5
110	5.808	3.756	3.722	4.158	2.674	6.867	7.750	6.612	100-110	4.528	10203	99.5,99.5
120	9.046	4.692	5.332	5.183	4.335	9.827	10.20	9.146	110-120	6.033	10209	99.6,99.6
130	12.54	5.572	5.832	6.274	6.226	15.81	15.14	11.37	120-130	7.497	10216	99.7,99.7
140	15.81	7.860	6.436	8.630	8.760	21.27	21.08	16.73	130-140	8.741	10225	99.7,99.7
150	18.31	12.27	9.816	13.03	11.75	22.97	27.48	20.00	140-150	9.355	10234	99.8,99.8
160	19.86	17.76	16.34	18.14	15.00	25.16	28.51	23.18	150-160	8.551	10243	99.9,99.9
170	20.37	22.46	23.44	22.36	18.00	26.56	29.67	25.44	160-170	6.245	10249	100,100
180	19.67	25.34	27.77	24.41	19.73	25.32	27.79	24.41	170-180	2.293	10251	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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



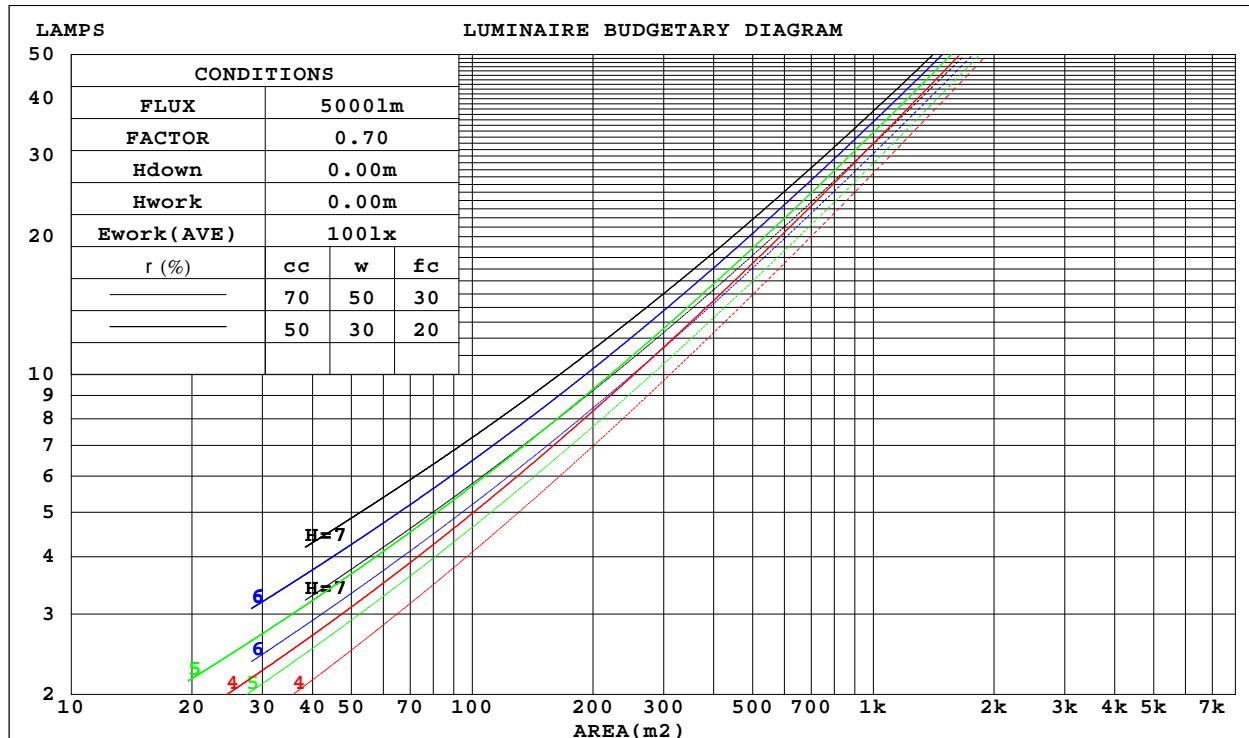
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)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	1.04	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	.86	.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	.71	.62	.55	.69	.61	.55	.67	.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	.54	.46	.40	.52	.45	.40	.50	.44	.40	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.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	.26	.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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)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	.296	.168	.053	.288	.164	.052	.275	.158	.050	.262	.151	.049	.251	.145	.047	
2.0	.284	.156	.048	.278	.153	.047	.266	.148	.046	.255	.143	.045	.245	.139	.044	
3.0	.266	.142	.042	.261	.140	.042	.250	.135	.041	.240	.132	.040	.231	.128	.040	
4.0	.247	.129	.038	.242	.127	.037	.233	.124	.037	.224	.120	.036	.216	.117	.036	
5.0	.230	.117	.034	.225	.116	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.106	.030	.202	.104	.030	.195	.101	.030	.188	.099	.029	
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.182	.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	.147	.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	.107	.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	.052	.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	.079	.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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm											
NAME: XWPD(30/45/63)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	13.2	14.7	13.4	14.9	15.1	20.2	21.7	20.5	21.9	22.1	
	3H	13.4	14.8	13.7	15.0	15.2	20.2	21.6	20.5	21.8	22.1
	4H	13.3	14.7	13.7	14.9	15.2	20.1	21.4	20.4	21.7	21.9
	6H	13.3	14.5	13.6	14.8	15.1	20.0	21.2	20.3	21.5	21.8
	8H	13.2	14.4	13.6	14.7	15.0	19.9	21.1	20.3	21.4	21.7
	12H	13.2	14.3	13.6	14.7	15.0	19.9	21.0	20.2	21.3	21.7
4H	2H	17.3	18.6	17.6	18.8	19.1	21.0	22.3	21.3	22.6	22.8
	3H	18.3	19.5	18.7	19.8	20.1	21.1	22.3	21.5	22.6	22.9
	4H	18.9	19.9	19.2	20.2	20.6	21.1	22.1	21.4	22.4	22.8
	6H	18.9	19.8	19.3	20.2	20.5	21.0	21.9	21.4	22.3	22.7
	8H	18.8	19.7	19.3	20.1	20.5	20.9	21.8	21.4	22.2	22.6
	12H	18.8	19.6	19.2	20.0	20.4	20.9	21.7	21.3	22.1	22.5
8H	4H	19.5	20.4	20.0	20.8	21.2	21.3	22.2	21.7	22.5	22.9
	6H	19.9	20.7	20.4	21.1	21.5	21.2	22.0	21.7	22.4	22.8
	8H	20.0	20.6	20.5	21.1	21.5	21.2	21.8	21.7	22.3	22.7
	12H	20.0	20.5	20.5	21.0	21.5	21.2	21.7	21.7	22.2	22.7
12H	4H	19.5	20.3	19.9	20.7	21.1	21.3	22.1	21.7	22.5	22.9
	6H	19.9	20.6	20.4	21.0	21.5	21.3	21.9	21.7	22.3	22.8
	8H	20.1	20.6	20.6	21.1	21.6	21.3	21.8	21.7	22.3	22.7
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.5 / - 0.3					+ 0.4 / - 0.6					
1.5H	+ 0.7 / - 0.4					+ 1.5 / - 1.6					
2.0H	+ 0.9 / - 2.0					+ 2.0 / - 3.5					

CIE Pub.117, 10251 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 8.1)
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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

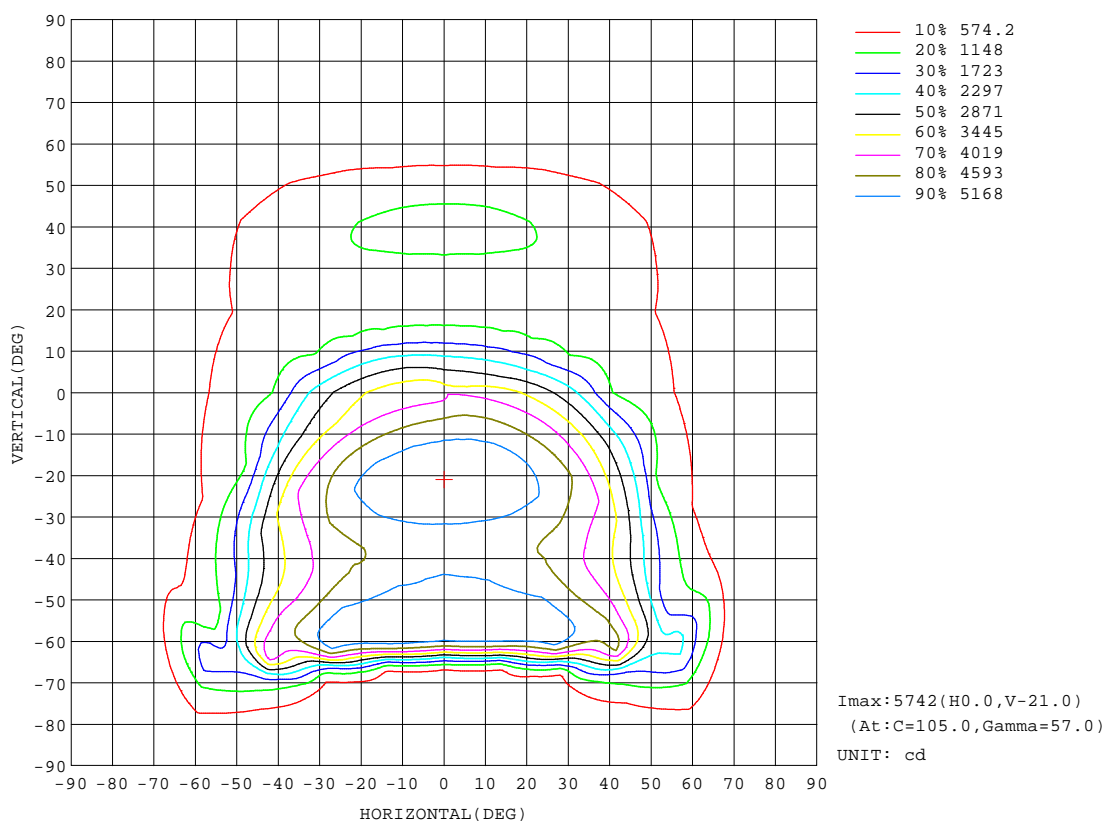
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	37	56	44	37	54	44	37	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	70	62
2.00	95	87	80	93	85	80	90	83	78	70
2.50	99	92	86	97	90	85	93	87	83	74
3.00	103	96	90	100	94	89	96	91	87	79
4.00	107	101	97	104	99	95	100	96	92	83
5.00	109	104	100	107	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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



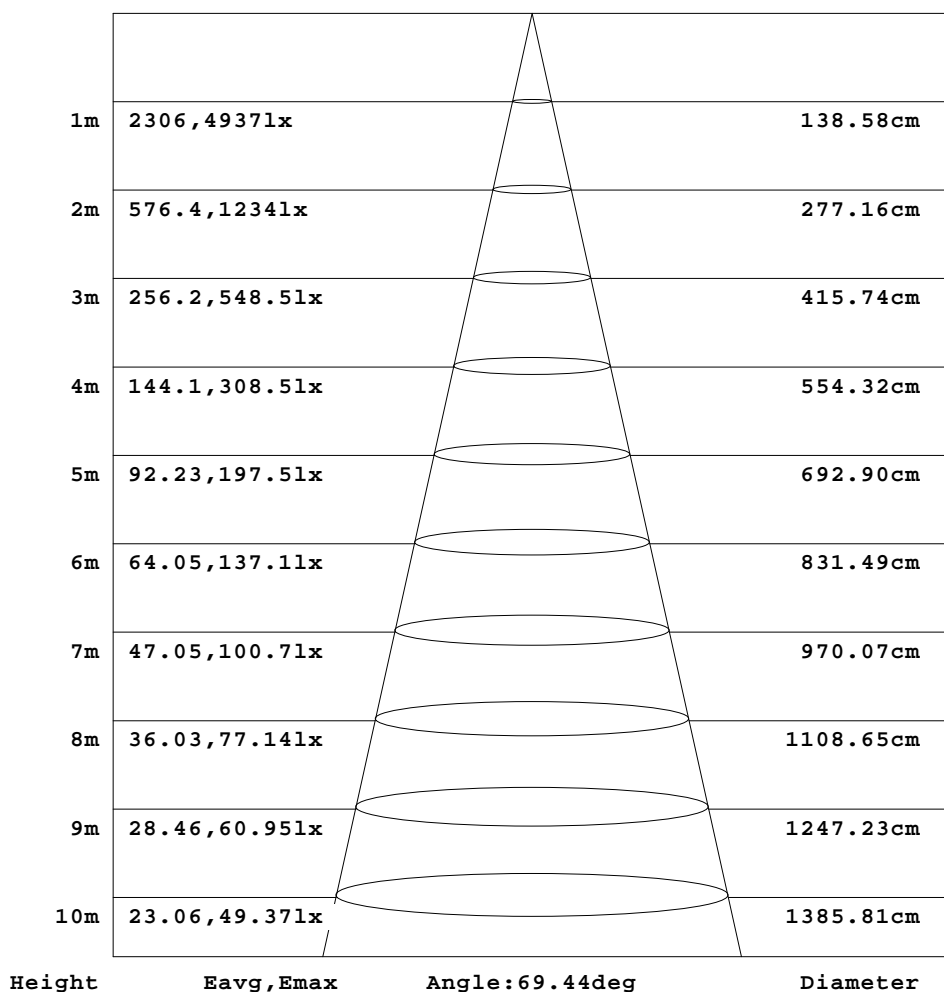
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:3551 lm



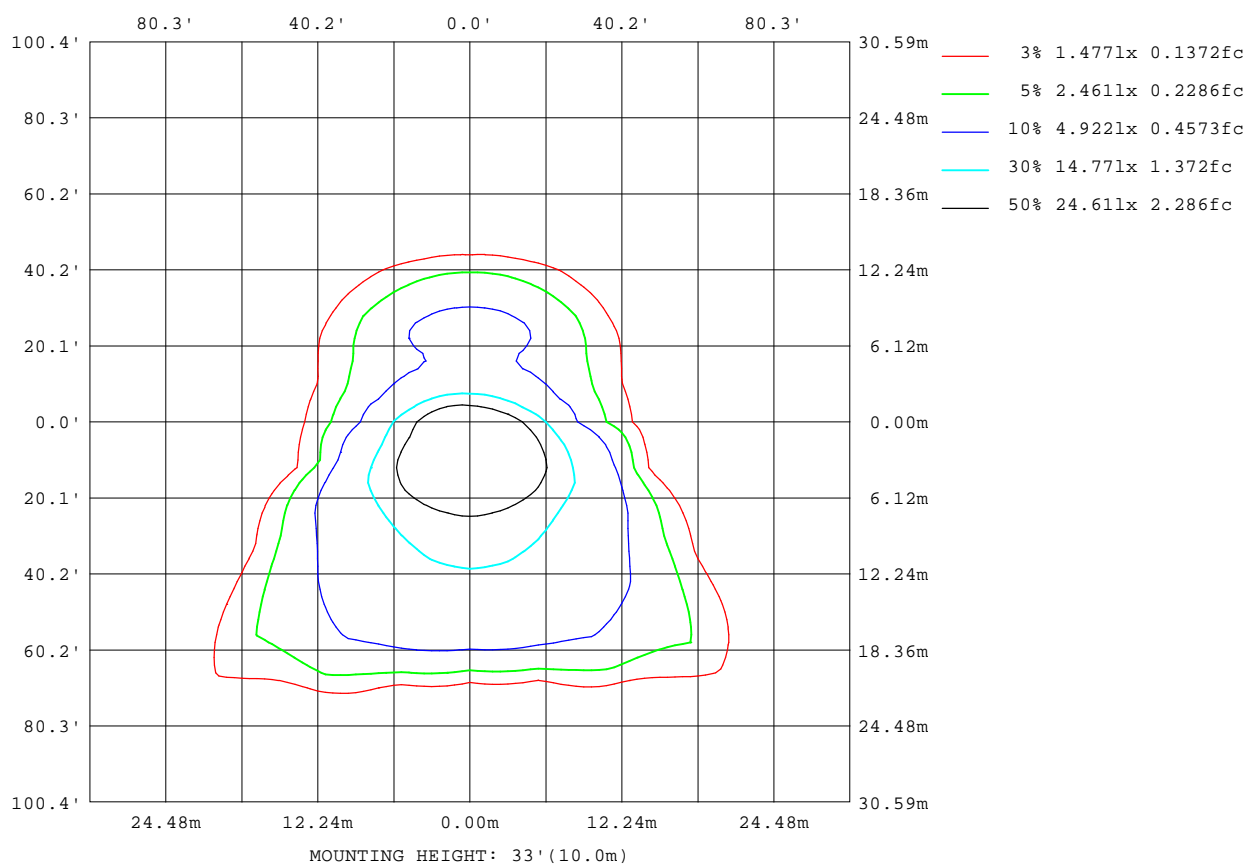
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

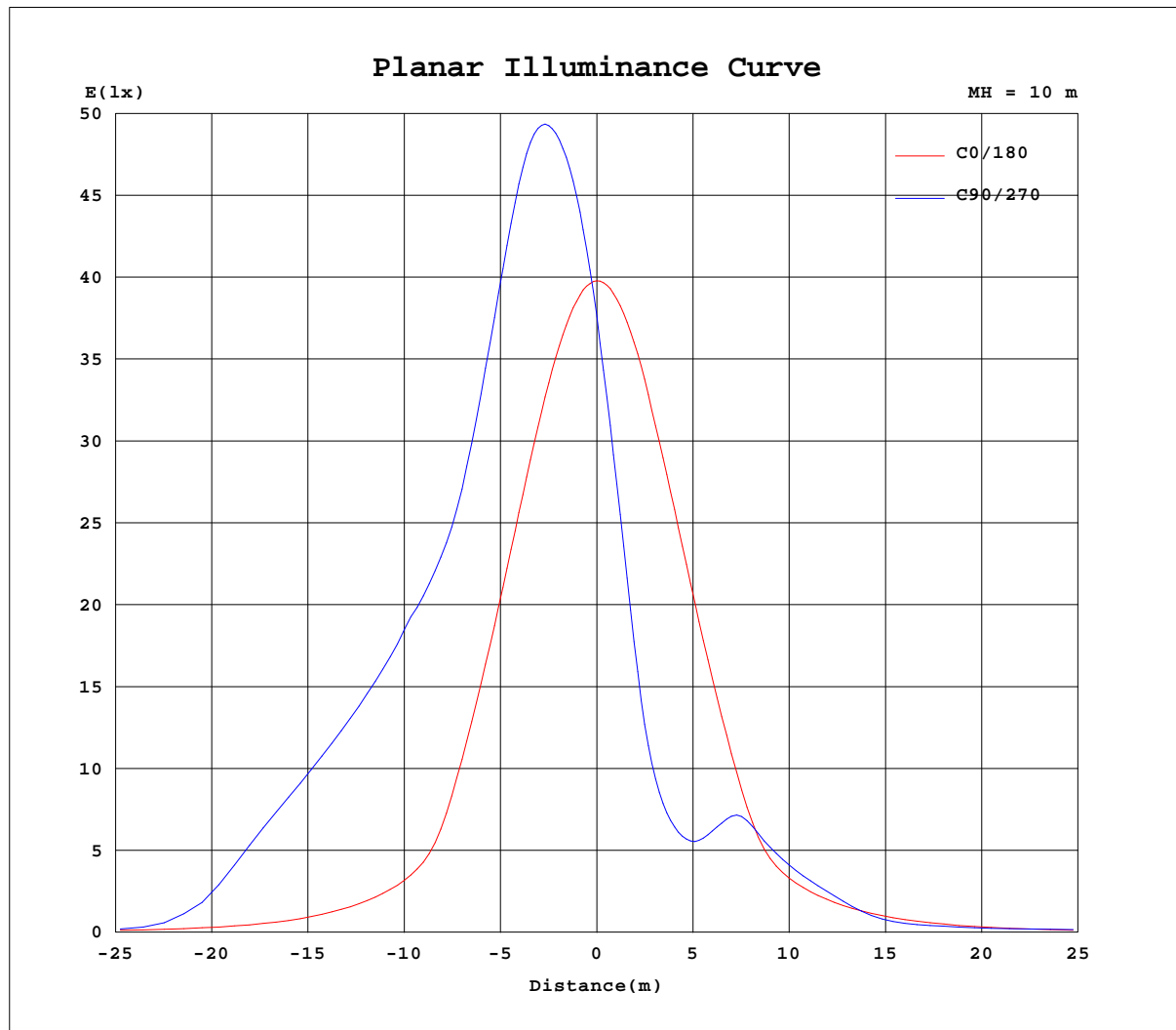
AvgL	cd/m2
L_0~180(65)av	2353
L_0~180(75)av	1662
L_0~180(85)av	994
L_90~270(65)av	6867
L_90~270(75)av	2619
L_90~270(85)av	1073
L_45(65)av	17659
L_45(75)av	10319
L_45(85)av	3073

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:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)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	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808	3808
5	3767	3949	4115	4272	4390	4477	4503	4481	4399	4286	4121	3939	3776	3595	3405	3252	3104	3038	2986
10	3657	4024	4346	4647	4868	5026	5072	5041	4893	4676	4363	3995	3673	3303	2942	2600	2324	2154	2084
15	3471	4028	4505	4942	5256	5470	5541	5495	5295	4984	4528	3977	3486	2934	2380	1856	1500	1324	1281
20	3208	3963	4604	5167	5518	5729	5800	5786	5595	5225	4621	3883	3225	2473	1732	1199	1012	912	890
25	2858	3824	4642	5276	5540	5660	5699	5753	5678	5374	4654	3682	2889	1908	1162	920	793	769	775
30	2412	3604	4606	5206	5313	5348	5365	5460	5491	5373	4618	3416	2454	1294	909	776	758	867	930
35	1841	3279	4478	4954	4958	4967	4984	5070	5149	5166	4495	3053	1899	964	791	748	961	1203	1307
40	1169	2870	4227	4584	4637	4863	4973	4898	4778	4814	4268	2586	1240	812	727	902	1190	1339	1361
45	864	2362	3838	4209	4657	5152	5293	5176	4674	4382	3898	1981	902	708	734	995	1138	1169	1179
50	705	1739	3340	3981	4877	5406	5557	5444	4869	4033	3387	1187	736	619	763	940	957	971	972
55	565	899	2753	4009	5216	5682	5774	5773	5231	3890	2769	821	595	527	705	756	737	589	558
60	425	672	2155	4278	5557	5413	5174	5668	5645	4060	2091	651	458	435	573	541	373	343	352
65	307	508	1699	4612	4789	2010	1552	2479	5341	4444	1505	494	334	351	435	274	273	306	320
70	210	372	1685	4386	736	389	403	400	1394	4607	1127	361	233	246	222	212	268	347	319
75	130	224	2340	1310	322	307	307	310	378	1748	2019	241	148	154	148	193	153	136	130
80	69.4	106	1054	475	170	149	144	155	179	631	1248	122	81.7	79.5	104	87.7	66.7	48.6	43.5
85	23.9	83.3	355	134	69.8	60.6	58.5	63.1	73.4	177	427	62.6	32.0	33.1	30.5	16.6	4.98	2.55	1.82
90	1.85	1.63	5.29	12.2	12.1	13.0	12.7	13.3	12.3	15.9	14.9	1.85	1.24	1.49	2.39	3.60	4.28	4.14	3.77
95	2.44	1.94	2.06	2.01	1.79	1.70	1.74	2.03	2.29	2.36	2.36	2.29	1.19	2.07	2.98	4.15	4.93	5.23	5.48
100	3.31	2.39	2.49	2.54	2.36	2.28	2.33	2.57	2.81	2.89	2.85	2.83	1.54	2.84	3.75	4.81	5.41	5.77	6.17
105	4.43	2.92	3.00	3.13	3.01	2.90	2.93	3.18	3.43	3.49	3.41	3.45	2.00	3.85	4.74	5.74	6.14	6.39	6.85
110	5.81	3.59	3.54	3.76	3.76	3.70	3.72	3.96	4.17	4.16	3.99	4.20	2.67	5.04	6.07	6.87	7.19	7.27	7.75
115	7.36	4.51	4.01	4.29	4.46	4.60	4.67	4.84	4.87	4.72	4.57	5.11	3.50	6.33	7.77	8.16	8.58	8.56	8.95
120	9.05	5.71	4.53	4.69	4.94	5.19	5.33	5.42	5.37	5.18	5.20	6.23	4.34	7.70	9.83	9.83	10.1	10.1	10.2
125	10.8	7.20	5.31	5.05	5.22	5.47	5.62	5.72	5.70	5.64	6.02	7.60	5.22	9.07	12.1	12.5	11.8	12.0	12.1
130	12.5	8.90	6.46	5.57	5.47	5.67	5.83	5.94	6.00	6.27	7.13	9.17	6.23	10.2	14.3	15.8	14.7	14.7	15.1
135	14.2	10.7	7.96	6.47	5.93	5.88	6.00	6.17	6.55	7.22	8.56	10.8	7.44	11.2	16.0	19.0	18.7	17.9	17.9
140	15.8	12.7	9.81	7.86	6.84	6.41	6.44	6.81	7.56	8.63	10.3	12.5	8.76	12.2	17.1	21.3	22.4	21.7	21.1
145	17.2	14.6	11.9	9.82	8.38	7.75	7.70	8.21	9.21	10.6	12.4	14.2	10.2	13.5	17.7	22.6	25.1	25.4	24.9
150	18.3	16.4	14.2	12.3	10.7	9.92	9.82	10.4	11.6	13.0	14.5	15.8	11.7	14.8	18.6	23.0	26.2	27.5	27.5
155	19.2	18.0	16.5	15.0	13.7	12.9	12.7	13.4	14.5	15.6	16.5	17.2	13.4	16.4	20.0	23.9	26.5	28.0	28.1
160	19.9	19.3	18.5	17.8	16.9	16.4	16.3	16.9	17.6	18.1	18.4	18.5	15.0	18.1	21.6	25.2	27.4	28.6	28.5
165	20.3	20.3	20.3	20.3	20.1	20.0	20.1	20.3	20.5	20.4	20.0	19.6	16.6	19.7	23.0	26.3	28.4	29.5	29.4
170	20.4	21.0	21.6	22.5	22.9	23.3	23.4	23.4	23.0	22.4	21.3	20.4	18.0	20.8	23.7	26.6	28.5	29.7	29.7
175	20.2	21.4	22.7	24.1	25.2	25.9	26.0	25.8	24.9	23.6	22.1	20.7	19.0	21.3	23.7	26.2	27.9	29.0	29.1
180	19.7	21.5	23.3	25.3	26.8	27.8	27.8	27.3	26.0	24.4	22.5	20.5	19.7	21.5	23.4	25.3	26.8	27.7	27.8

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.5263A P:63.220W PF:0.9949 Freq:59.98Hz Lamp Flux:10251.4x1 lm		
NAME: XWPD(30/45/63)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	3808	3808	3808	3808	3808													
5	3026	3092	3237	3385	3599													
10	2142	2300	2568	2899	3305													
15	1330	1496	1820	2314	2926													
20	927	1040	1219	1664	2453													
25	786	827	966	1173	1879													
30	889	797	826	958	1307													
35	1227	1001	805	846	1021													
40	1366	1228	962	787	871													
45	1200	1182	1048	794	765													
50	996	1000	989	815	670													
55	615	779	795	746	570													
60	350	397	575	606	467													
65	309	283	294	456	374													
70	344	265	223	234	263													
75	142	169	193	154	168													
80	50.8	72.8	93.4	106	86.9													
85	2.60	5.38	17.7	29.7	37.2													
90	4.40	4.83	4.28	3.12	1.69													
95	5.92	5.70	4.71	3.45	1.99													
100	6.64	6.17	5.15	3.90	2.43													
105	7.35	6.72	5.75	4.50	3.01													
110	8.18	7.55	6.61	5.30	3.67													
115	9.23	8.68	7.80	6.05	4.39													
120	10.5	10.6	9.15	6.74	5.12													
125	13.2	13.0	10.17	7.80	5.96													
130	15.9	14.4	11.4	9.31	6.72													
135	17.8	16.1	14.0	10.8	7.47													
140	20.7	19.4	16.7	12.2	8.27													
145	24.2	22.4	18.7	13.4	9.45													
150	26.6	24.1	20.0	15.0	11.2													
155	27.2	24.9	21.4	17.2	13.4													
160	27.7	25.8	23.2	19.6	15.9													
165	28.6	26.9	24.8	21.8	18.3													
170	28.9	27.3	25.4	22.8	19.8													
175	28.4	26.9	25.1	22.9	20.3													
180	27.3	26.0	24.4	22.5	20.5													

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: