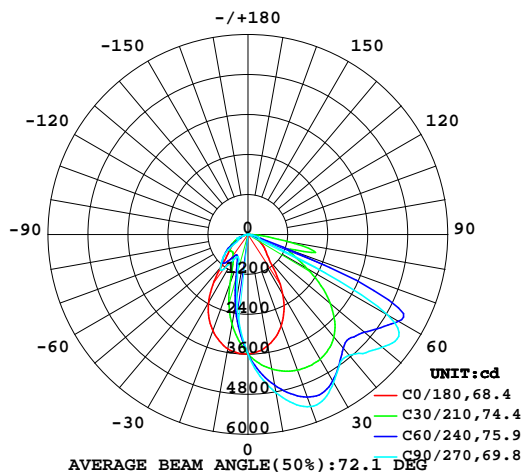


LUMINAIRE PHOTOMETRIC TEST REPORT

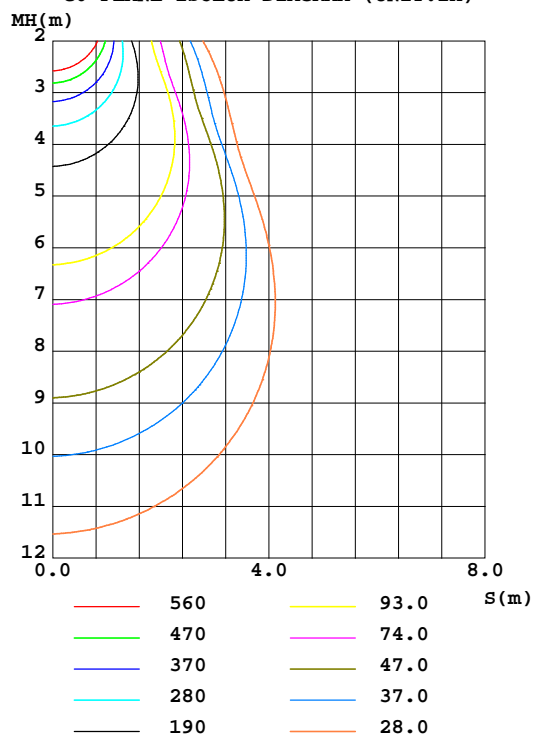
Test:U:120.21V I:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.63 lm/W			
MODEL		I _{max} (cd)	5562	S/MH(C0/180)	1.04
NOMINAL POWER(W)	63	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	9859.7	h UP,DN(C0-180)	0.2,80.2
NOMINAL FLUX(lm)	9859.69	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:

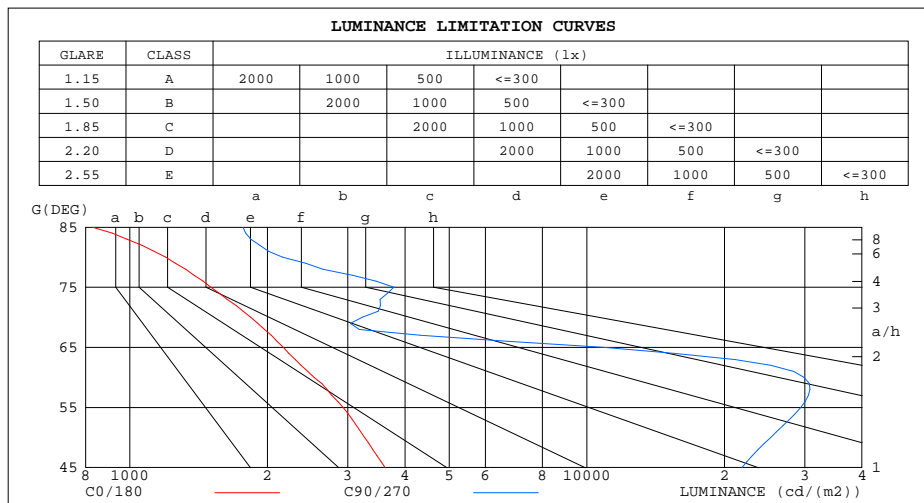
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	3396	4384	4816	4473	3488	2441	1966	2359	0- 10	334.1	334.1	3.39,3.39
20	2920	4863	5493	5023	3081	1166	838.4	1139	10- 20	911.5	1246	12.6,12.6
30	2111	4960	5141	5190	2371	746.4	890.3	762.2	20- 30	1339	2585	26.2,26.2
40	1007	4441	4736	4683	1234	851.2	1287	949.7	30- 40	1630	4215	42.7,42.7
50	652.0	3792	5268	4014	718.5	897.3	907.6	926.4	40- 50	1798	6013	61,61
60	393.3	3929	4854	4173	443.5	531.0	347.6	493.6	50- 60	1830	7843	79.5,79.5
70	195.3	4390	358.2	4682	226.5	210.4	359.3	217.0	60- 70	1344	9186	93.2,93.2
80	64.64	525.3	121.7	566.8	80.76	87.03	51.04	84.95	70- 80	521.9	9708	98.5,98.5
90	1.863	12.02	10.05	16.22	1.494	3.363	3.658	4.224	80- 90	96.83	9805	99.4,99.4
100	3.372	2.467	2.211	2.673	1.378	4.544	5.872	5.122	90-100	3.625	9809	99.5,99.5
110	5.870	3.583	3.517	3.867	2.361	6.541	7.386	6.554	100-110	4.360	9813	99.5,99.5
120	9.003	4.497	5.054	4.879	3.883	9.566	9.766	9.164	110-120	5.809	9819	99.6,99.6
130	12.28	5.374	5.579	5.841	5.758	15.34	14.55	11.38	120-130	7.222	9826	99.7,99.7
140	15.29	7.542	6.103	7.929	8.145	20.22	20.31	16.67	130-140	8.397	9834	99.7,99.7
150	17.57	11.67	9.245	12.01	10.97	21.70	26.34	19.83	140-150	8.950	9843	99.8,99.8
160	18.93	16.80	15.39	17.05	14.03	23.91	27.42	22.72	150-160	8.164	9852	99.9,99.9
170	19.28	21.29	22.22	21.35	16.85	25.25	28.52	24.71	160-170	5.965	9858	100,100
180	18.49	24.07	26.58	23.56	18.56	24.04	26.59	23.53	170-180	2.191	9860	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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)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	830	1770
80	1199	2158
75	1504	3782
70	1840	3225
65	2169	10933
60	2534	29886
55	2934	29361
50	3267	25234
45	3624	21841

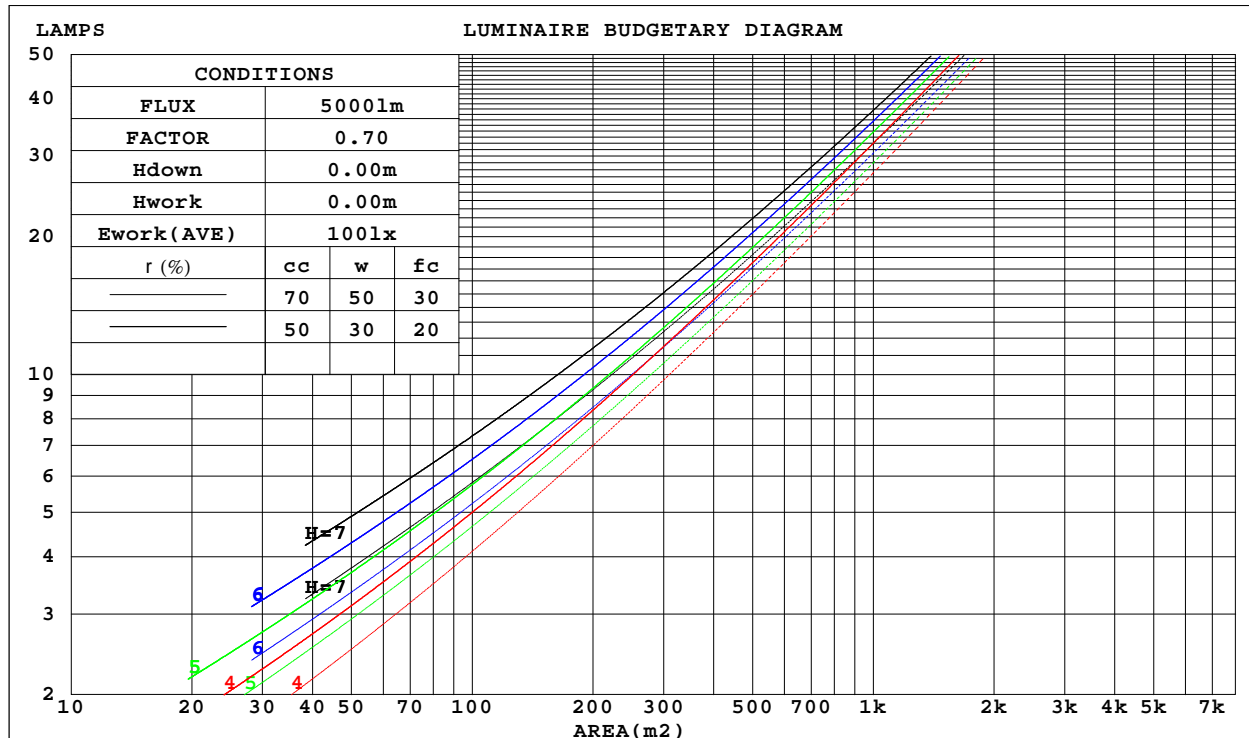
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)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	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.68	.63	.72	.67	.62	.69	.65	.61	.59
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.53	.47	.61	.53	.47	.59	.52	.46	.57	.51	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.36	.30	.25	.36	.30	.25	.23



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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)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	.298	.169	.054	.291	.166	.053	.277	.159	.051	.265	.153	.049	.253	.147	.047	
2.0	.286	.157	.048	.280	.154	.048	.268	.149	.046	.257	.144	.045	.247	.140	.044	
3.0	.268	.143	.043	.262	.140	.042	.252	.136	.041	.242	.132	.041	.233	.129	.040	
4.0	.249	.129	.038	.244	.127	.038	.234	.124	.037	.225	.121	.037	.217	.118	.036	
5.0	.231	.118	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.203	.108	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.026	.177	.089	.025	.172	.087	.025	.166	.085	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.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	.160	.140	.157	.138	.120	.108	.095	.083	.062	.055	.048	.020	.018	.016	
2.0	.176	.136	.103	.151	.117	.089	.103	.081	.062	.060	.047	.036	.019	.015	.012	
3.0	.168	.119	.079	.144	.102	.068	.099	.071	.048	.057	.042	.028	.018	.013	.009	
4.0	.161	.105	.063	.138	.091	.054	.095	.063	.038	.055	.037	.023	.018	.012	.007	
5.0	.154	.095	.051	.132	.082	.045	.091	.057	.032	.053	.034	.019	.017	.011	.006	
6.0	.147	.087	.043	.126	.075	.038	.087	.053	.027	.051	.031	.016	.016	.010	.005	
7.0	.140	.080	.037	.120	.069	.033	.083	.048	.023	.048	.029	.014	.016	.009	.005	
8.0	.134	.074	.033	.115	.064	.029	.080	.045	.020	.046	.027	.012	.015	.009	.004	
9.0	.128	.069	.029	.110	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.122	.065	.027	.105	.056	.023	.073	.040	.017	.043	.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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm											
NAME: XWPD(30/45/63)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	12H	12.9	14.4	13.3	14.4	14.7	20.2	21.7	20.4	21.9	22.1
	8H	12.9	14.2	13.3	14.4	14.8	20.0	21.2	20.3	21.5	21.8
	6H	13.0	14.2	13.3	14.5	14.8	20.0	21.3	20.3	21.5	21.8
	4H	13.0	14.4	13.4	14.6	14.9	20.1	21.4	20.4	21.7	22.0
	3H	13.1	14.5	13.4	14.7	15.0	20.2	21.6	20.5	21.8	22.1
	2H	12.9	14.4	13.2	14.7	14.9	20.2	21.7	20.4	21.9	22.1
4H	12H	18.4	19.2	18.8	19.6	20.0	20.9	21.7	21.4	22.1	22.5
	8H	18.4	19.3	18.9	19.7	20.1	21.0	21.9	21.4	22.2	22.6
	6H	18.5	19.4	18.9	19.8	20.1	21.0	22.0	21.4	22.3	22.7
	4H	18.4	19.5	18.8	19.8	20.1	21.1	22.2	21.5	22.5	22.8
	3H	17.9	19.1	18.3	19.4	19.7	21.2	22.3	21.5	22.6	22.9
	2H	17.0	18.3	17.3	18.6	18.9	20.9	22.3	21.2	22.5	22.8
8H	12H	20.0	20.5	20.4	21.0	21.4	21.3	21.8	21.7	22.3	22.7
	8H	20.0	20.6	20.4	21.0	21.5	21.3	21.9	21.8	22.4	22.8
	6H	19.9	20.6	20.3	21.0	21.5	21.3	22.0	21.8	22.5	22.9
	4H	19.4	20.2	19.8	20.6	21.0	21.4	22.2	21.8	22.6	23.0
12H	8H	20.0	20.6	20.5	21.0	21.5	21.3	21.9	21.8	22.3	22.8
	6H	19.9	20.5	20.4	21.0	21.4	21.4	22.0	21.8	22.4	22.9
	4H	19.3	20.1	19.8	20.5	20.9	21.4	22.2	21.8	22.6	23.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.3 / - 0.3					+ 0.4 / - 0.5				
1.5H		+ 0.4 / - 0.5					+ 1.2 / - 1.3				
2.0H		+ 1.0 / - 1.8					+ 2.1 / - 3.5				

CIE Pub.117, 9860 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 8.0)
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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

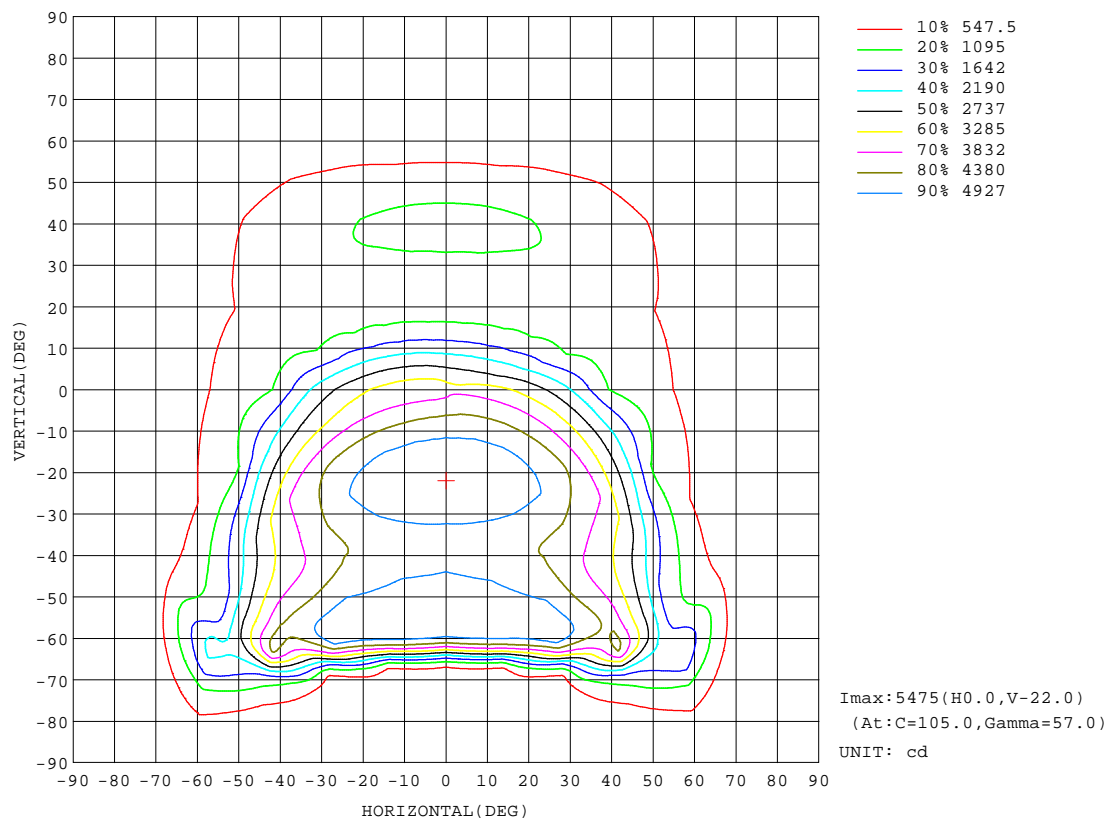
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	55	47	65	54	47	64	53	47	39
1.00	75	64	57	74	63	56	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	102	98	95	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:120.21V I:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



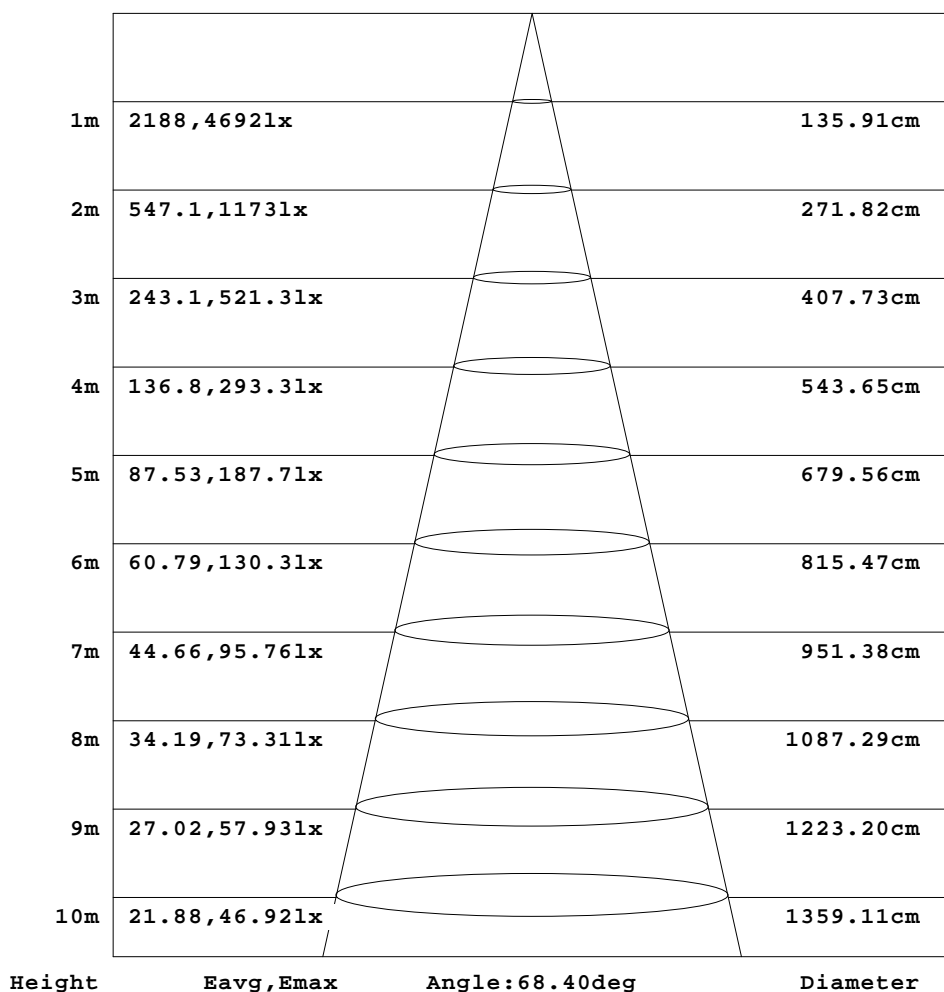
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:3371 lm



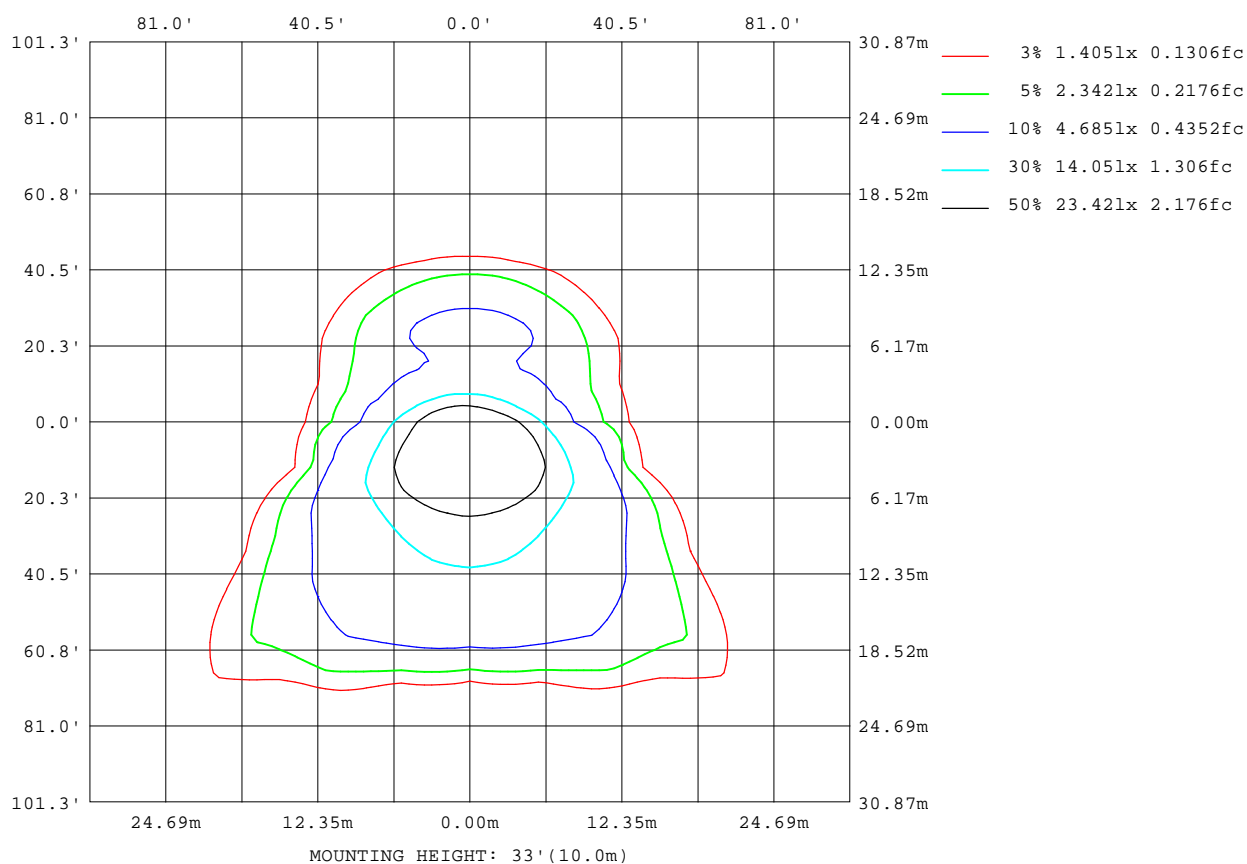
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)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: 2024-06-20

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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

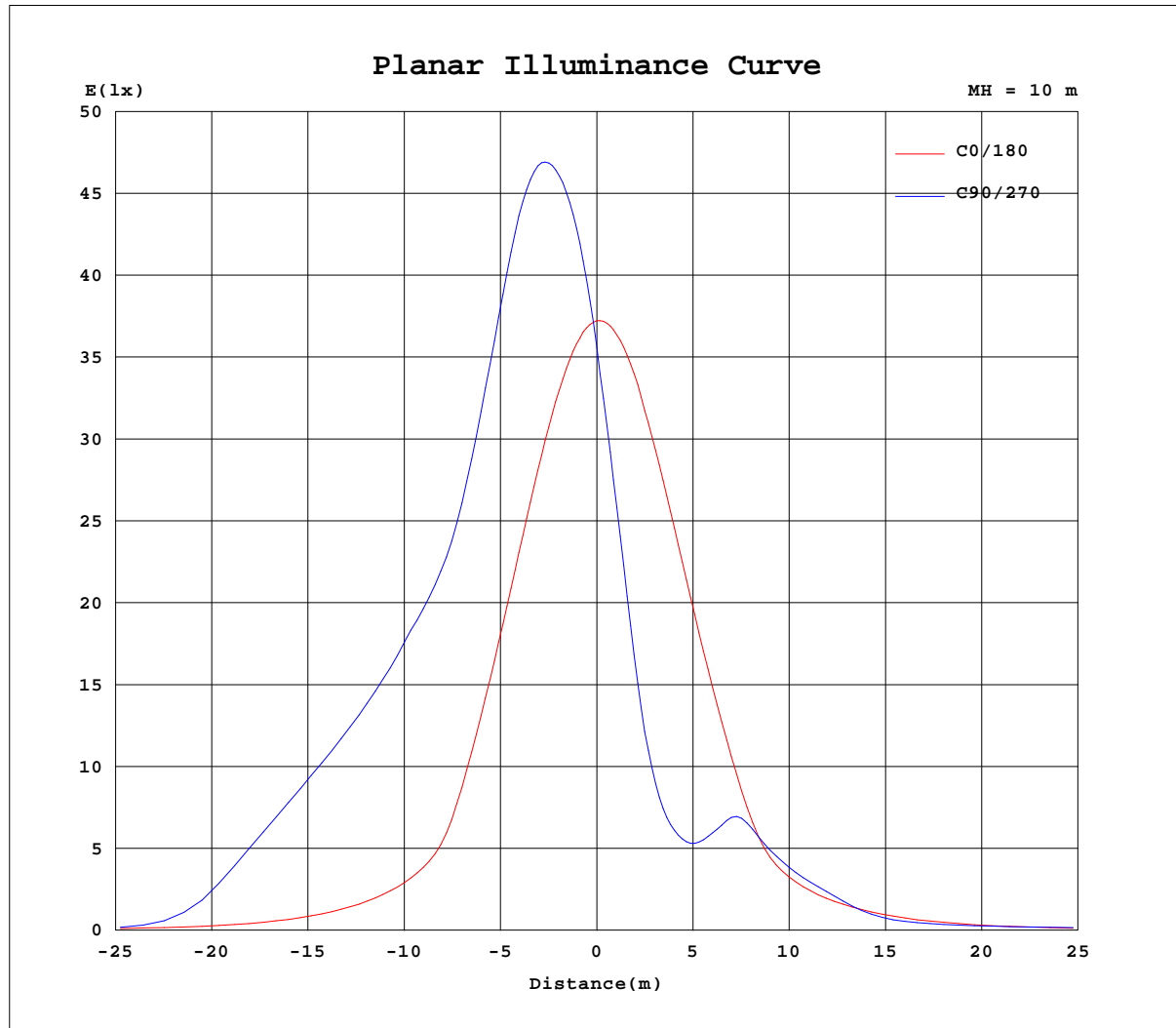
AvgL	cd/m2
L_0~180(65)av	2232
L_0~180(75)av	1586
L_0~180(85)av	977
L_90~270(65)av	6710
L_90~270(75)av	2696
L_90~270(85)av	939
L_45(65)av	16972
L_45(75)av	10340
L_45(85)av	3096

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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)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	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586	3586
5	3526	3711	3879	4035	4143	4233	4272	4255	4193	4078	3947	3747	3573	3390	3197	3052	2912	2842	2805
10	3396	3767	4098	4384	4589	4748	4816	4794	4676	4473	4211	3835	3488	3119	2751	2441	2187	2021	1966
15	3197	3757	4245	4658	4946	5160	5245	5226	5061	4783	4396	3854	3311	2768	2223	1751	1435	1268	1231
20	2920	3678	4331	4863	5195	5413	5493	5499	5351	5023	4514	3794	3081	2343	1614	1166	984	862	838
25	2563	3525	4360	4977	5261	5400	5438	5500	5444	5173	4574	3650	2772	1811	1116	904	753	729	735
30	2111	3275	4324	4960	5085	5137	5141	5234	5281	5190	4571	3424	2371	1248	892	746	716	829	890
35	1535	2957	4216	4763	4773	4790	4787	4880	4969	5005	4481	3116	1857	948	777	706	899	1158	1266
40	1007	2545	4014	4441	4458	4621	4736	4707	4638	4683	4297	2720	1234	792	711	851	1135	1278	1287
45	796	2038	3680	4073	4380	4849	5016	4946	4546	4304	3968	2212	890	687	716	940	1083	1102	1100
50	652	1374	3226	3792	4570	5094	5268	5206	4753	4014	3506	1533	718	600	726	897	903	913	908
55	523	762	2679	3719	4872	5367	5470	5502	5084	3946	2948	857	579	503	668	714	717	563	529
60	393	600	2059	3929	5217	5164	4854	5322	5452	4173	2312	674	444	413	544	531	374	336	348
65	285	452	1540	4213	4655	2303	1501	2437	4939	4488	1767	519	324	333	415	276	270	308	328
70	195	330	1300	4390	1122	345	358	355	1230	4682	1541	385	226	235	217	210	264	345	359
75	121	214	2106	1474	313	302	318	310	334	1591	2494	250	144	150	146	190	158	137	132
80	64.6	108	1154	525	149	128	122	134	166	567	1374	125	80.8	78.6	99.7	87.0	73.0	55.8	51.0
85	22.5	58.3	387	146	57.1	52.2	50.1	55.0	64.5	160	468	86.7	32.4	34.4	29.1	24.2	11.1	3.69	2.66
90	1.86	1.56	15.4	12.0	9.31	10.3	10.05	11.4	11.9	16.2	49.1	3.50	1.49	1.41	2.26	3.36	4.08	4.07	3.66
95	2.47	1.88	1.96	1.96	1.74	1.65	1.67	1.90	2.14	2.22	2.21	2.11	1.07	1.96	2.86	3.88	4.63	5.02	5.22
100	3.37	2.31	2.38	2.47	2.29	2.21	2.21	2.41	2.62	2.67	2.67	2.59	1.38	2.68	3.63	4.54	5.12	5.49	5.87
105	4.51	2.82	2.87	3.00	2.91	2.78	2.77	2.95	3.18	3.24	3.20	3.15	1.77	3.64	4.61	5.46	5.86	6.07	6.51
110	5.87	3.48	3.36	3.58	3.62	3.52	3.52	3.67	3.90	3.87	3.75	3.80	2.36	4.73	5.97	6.54	6.91	6.95	7.39
115	7.39	4.38	3.84	4.10	4.27	4.34	4.42	4.51	4.58	4.42	4.29	4.57	3.08	5.92	7.62	7.83	8.24	8.25	8.57
120	9.00	5.58	4.35	4.50	4.71	4.93	5.05	5.10	5.07	4.88	4.85	5.53	3.88	7.19	9.61	9.57	9.61	9.75	9.77
125	10.6	7.03	5.10	4.86	5.00	5.20	5.34	5.41	5.41	5.31	5.57	6.75	4.75	8.40	11.7	12.2	11.4	11.5	11.7
130	12.3	8.64	6.17	5.37	5.28	5.42	5.58	5.65	5.70	5.84	6.52	8.17	5.76	9.42	13.7	15.3	14.2	14.2	14.6
135	13.9	10.4	7.60	6.25	5.72	5.65	5.74	5.86	6.14	6.68	7.80	9.71	6.91	10.3	15.2	18.2	18.1	17.3	17.2
140	15.3	12.2	9.36	7.54	6.57	6.15	6.10	6.38	7.02	7.93	9.46	11.4	8.15	11.4	16.1	20.2	21.4	21.0	20.3
145	16.5	14.0	11.4	9.38	8.04	7.36	7.26	7.64	8.53	9.75	11.4	13.1	9.51	12.6	16.7	21.3	23.9	24.4	23.9
150	17.6	15.7	13.5	11.7	10.2	9.37	9.25	9.68	10.7	12.0	13.5	14.7	11.0	14.0	17.7	21.7	24.7	26.3	26.3
155	18.3	17.1	15.6	14.2	13.0	12.2	12.0	12.4	13.5	14.5	15.5	16.1	12.5	15.5	19.0	22.7	25.1	26.7	26.9
160	18.9	18.3	17.5	16.8	16.0	15.5	15.4	15.8	16.5	17.1	17.4	17.5	14.0	17.0	20.5	23.9	26.0	27.4	27.4
165	19.2	19.2	19.2	19.2	19.0	18.8	18.9	19.2	19.4	19.3	19.1	18.6	15.6	18.5	21.9	25.0	27.0	28.3	28.3
170	19.3	19.9	20.5	21.3	21.7	22.0	22.2	22.3	22.0	21.3	20.5	19.5	16.8	19.5	22.5	25.3	27.1	28.4	28.5
175	19.0	20.3	21.5	22.9	23.8	24.6	24.8	24.6	23.9	22.7	21.3	19.8	17.8	20.0	22.5	24.8	26.5	27.7	27.9
180	18.5	20.3	22.1	24.1	25.3	26.5	26.6	26.3	25.1	23.6	21.8	19.8	18.6	20.3	22.2	24.0	25.4	26.4	26.6

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:0.5270A P:63.352W PF:0.9958 Freq:59.98Hz Lamp Flux:9859.69x1 lm		
NAME: XWPD(30/45/63)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	3586	3586	3586	3586	3586														
5	2830	2891	3009	3167	3347														
10	1997	2130	2359	2673	3030														
15	1259	1389	1649	2092	2636														
20	866	974	1139	1479	2151														
25	743	770	906	1085	1584														
30	863	764	762	911	1135														
35	1202	980	772	811	925														
40	1293	1197	950	765	799														
45	1115	1116	999	803	705														
50	926	915	926	791	626														
55	553	700	720	711	532														
60	340	359	494	561	441														
65	314	275	273	411	351														
70	348	276	217	214	244														
75	137	150	196	151	142														
80	54.6	69.6	84.9	88.7	79.6														
85	3.26	7.43	17.9	26.8	30.2														
90	4.22	4.72	4.22	3.24	1.76														
95	5.67	5.64	4.70	3.56	2.10														
100	6.39	6.13	5.12	3.98	2.54														
105	7.10	6.72	5.72	4.57	3.13														
110	7.92	7.52	6.55	5.35	3.78														
115	8.95	8.60	7.78	6.12	4.48														
120	10.12	10.5	9.16	6.79	5.21														
125	12.7	12.9	10.22	7.83	6.03														
130	15.3	14.3	11.4	9.39	6.76														
135	17.2	16.0	14.0	11.0	7.49														
140	20.1	19.1	16.7	12.4	8.26														
145	23.5	22.0	18.6	13.6	9.49														
150	25.7	23.6	19.8	15.2	11.2														
155	26.3	24.3	21.1	17.3	13.4														
160	26.8	25.2	22.7	19.5	15.8														
165	27.7	26.2	24.2	21.5	18.0														
170	27.9	26.5	24.7	22.4	19.3														
175	27.4	26.0	24.3	22.3	19.7														
180	26.2	25.1	23.5	21.9	19.8														

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: