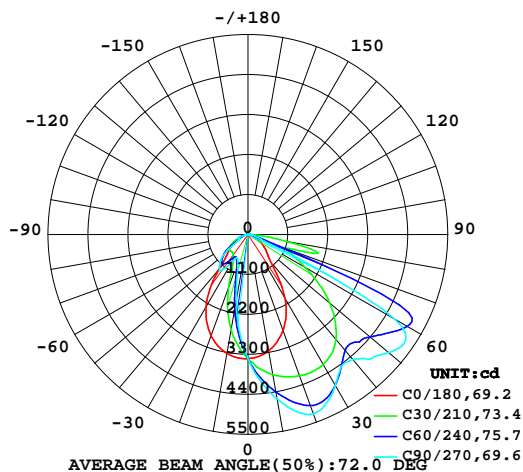


LUMINAIRE PHOTOMETRIC TEST REPORT

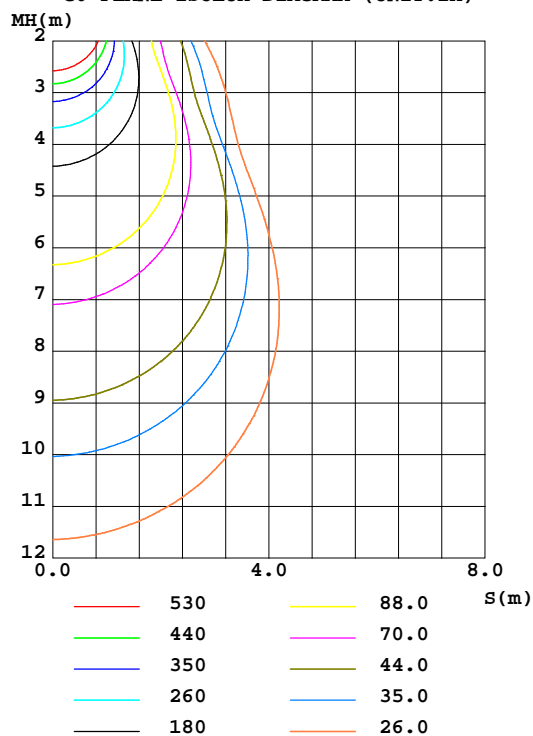
Test:U:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.40 lm/W			
MODEL		I _{max} (cd)	5253	S/MH(C0/180)	1.05
NOMINAL POWER(W)	63	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	9234.5	h UP,DN(C0-180)	0.2,79.9
NOMINAL FLUX(lm)	9234.46	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:

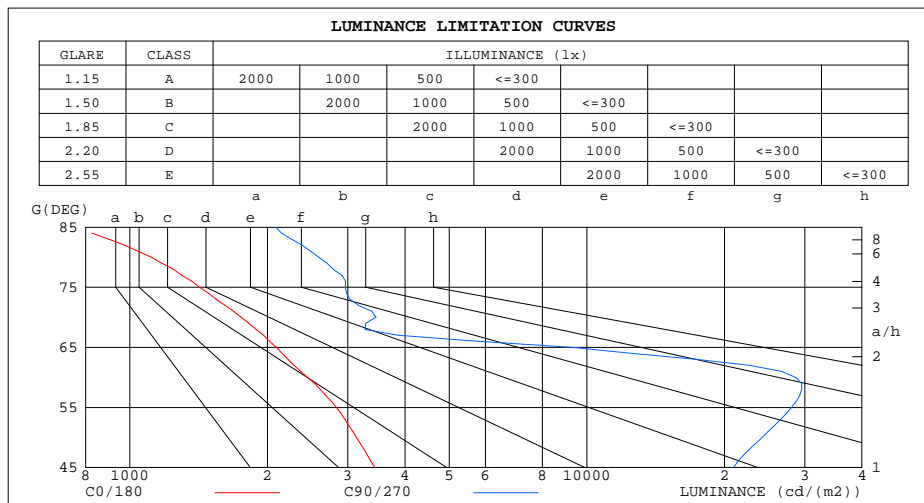
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	3252	4161	4583	4210	3325	2349	1869	2274	0- 10	318.6	318.6	3.45,3.45
20	2817	4643	5252	4734	2970	1074	826.7	1042	10- 20	868.6	1187	12.9,12.9
30	2044	4682	4802	4830	2310	726.7	861.1	746.4	20- 30	1271	2459	26.6,26.6
40	961.2	4110	4501	4258	1233	828.0	1230	918.6	30- 40	1530	3988	43.2,43.2
50	629.5	3519	5056	3625	692.8	847.5	880.9	893.5	40- 50	1690	5678	61.5,61.5
60	382.5	3712	4671	3826	429.3	482.4	302.1	475.8	50- 60	1724	7402	80.2,80.2
70	187.5	3921	385.2	4098	218.8	179.8	308.7	188.4	60- 70	1228	8630	93.5,93.5
80	60.49	486.2	146.5	493.7	77.21	75.57	36.61	78.15	70- 80	462.5	9093	98.5,98.5
90	1.778	14.30	14.11	16.58	1.530	3.130	3.289	3.840	80- 90	90.60	9183	99.4,99.4
100	3.240	2.271	2.015	2.530	1.285	4.217	5.524	4.644	90-100	3.421	9187	99.5,99.5
110	5.617	3.375	3.335	3.700	2.234	6.067	6.892	5.961	100-110	4.066	9191	99.5,99.5
120	8.562	4.246	4.849	4.645	3.659	8.817	9.090	8.371	110-120	5.430	9196	99.6,99.6
130	11.67	5.102	5.294	5.573	5.404	14.17	13.39	10.33	120-130	6.750	9203	99.7,99.7
140	14.55	7.216	5.825	7.631	7.677	18.91	18.83	15.23	130-140	7.864	9211	99.7,99.7
150	16.75	11.15	8.890	11.56	10.38	20.35	24.76	18.31	140-150	8.429	9219	99.8,99.8
160	18.08	16.01	14.77	16.24	13.34	22.34	25.57	20.91	150-160	7.702	9227	99.9,99.9
170	18.41	20.18	21.17	20.10	16.08	23.69	26.61	22.86	160-170	5.618	9232	100,100
180	17.73	22.70	25.04	21.99	17.75	22.68	25.03	21.99	170-180	2.064	9234	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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 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	744	2086
80	1114	2590
75	1422	2963
70	1753	3458
65	2094	9323
60	2447	28681
55	2833	28047
50	3133	24152
45	3442	20931

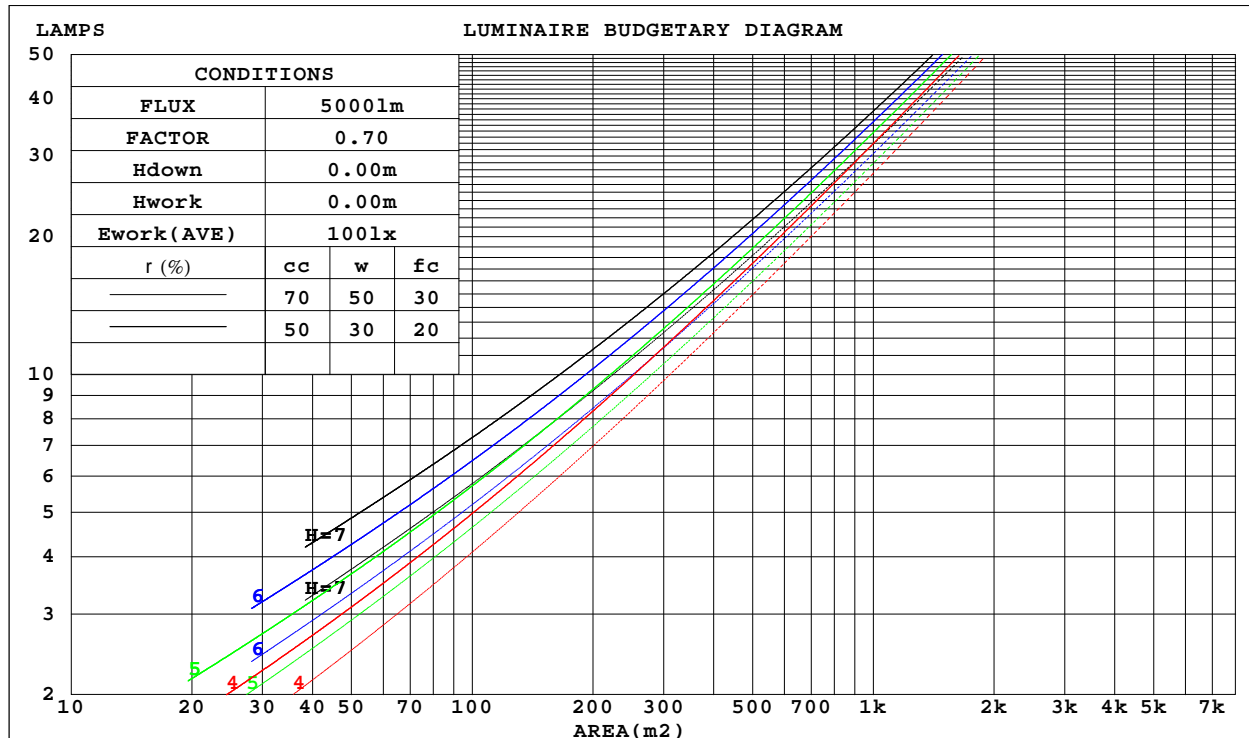
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2024-06-20

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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 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	.86	.80	.76	.82	.78	.74	.79	.76	.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	.56	.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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 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	.296	.168	.053	.289	.165	.052	.275	.158	.050	.263	.151	.049	.251	.146	.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	.176	.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	.039	.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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 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	12.8	14.3	13.1	14.6	14.8	20.2	21.8	20.5	22.0	22.2
3H	13.0	14.4	13.3	14.6	14.9	20.2	21.6	20.5	21.9	22.1
4H	13.0	14.3	13.3	14.6	14.8	20.1	21.5	20.5	21.7	22.0
6H	12.9	14.2	13.2	14.4	14.7	20.1	21.3	20.4	21.6	21.9
8H	12.9	14.1	13.2	14.4	14.7	20.0	21.2	20.4	21.5	21.8
12H	12.8	14.0	13.2	14.3	14.6	20.0	21.1	20.3	21.4	21.7
4H 2H	17.1	18.4	17.4	18.6	18.9	21.0	22.4	21.3	22.6	22.9
3H	17.9	19.0	18.2	19.3	19.6	21.2	22.3	21.5	22.6	23.0
4H	18.4	19.4	18.8	19.8	20.1	21.1	22.2	21.5	22.5	22.8
6H	18.4	19.4	18.8	19.7	20.1	21.0	22.0	21.5	22.3	22.7
8H	18.4	19.3	18.8	19.6	20.0	21.0	21.9	21.4	22.2	22.6
12H	18.4	19.1	18.8	19.5	20.0	21.0	21.8	21.4	22.2	22.6
8H 4H	19.3	20.1	19.7	20.5	20.9	21.4	22.2	21.8	22.6	23.0
6H	19.7	20.4	20.2	20.9	21.3	21.3	22.0	21.8	22.4	22.9
8H	19.8	20.4	20.3	20.9	21.3	21.3	21.9	21.8	22.4	22.8
12H	19.8	20.3	20.3	20.8	21.3	21.3	21.8	21.8	22.3	22.7
12H 4H	19.2	20.0	19.7	20.4	20.8	21.4	22.2	21.8	22.6	23.0
6H	19.8	20.4	20.2	20.8	21.3	21.4	22.0	21.8	22.4	22.9
8H	19.9	20.4	20.4	20.9	21.4	21.3	21.9	21.8	22.3	22.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.3					+ 0.5 / - 0.6				
1.5H	+ 0.2 / - 0.4					+ 1.4 / - 1.6				
2.0H	+ 1.0 / - 2.2					+ 2.2 / - 3.6				

CIE Pub.117, 9234 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 7.7)
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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

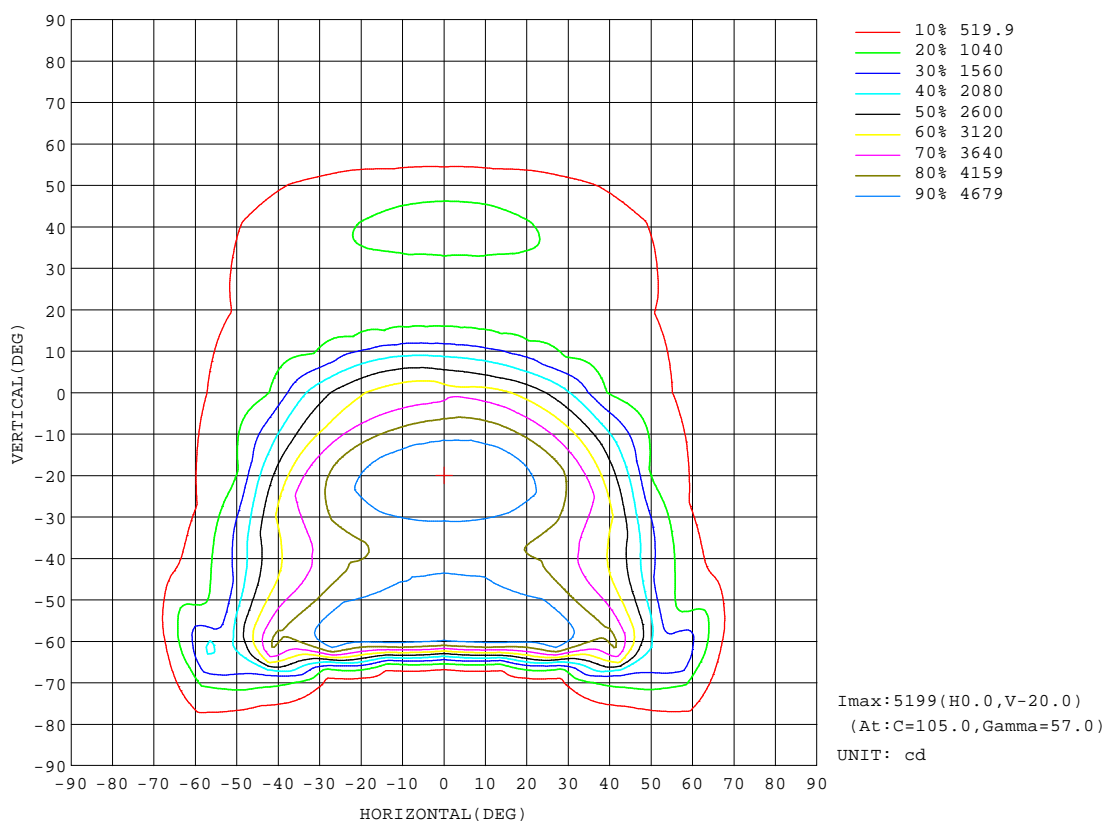
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	56	44	37	54	44	37	31
0.80	67	55	47	66	54	47	64	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	86	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	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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



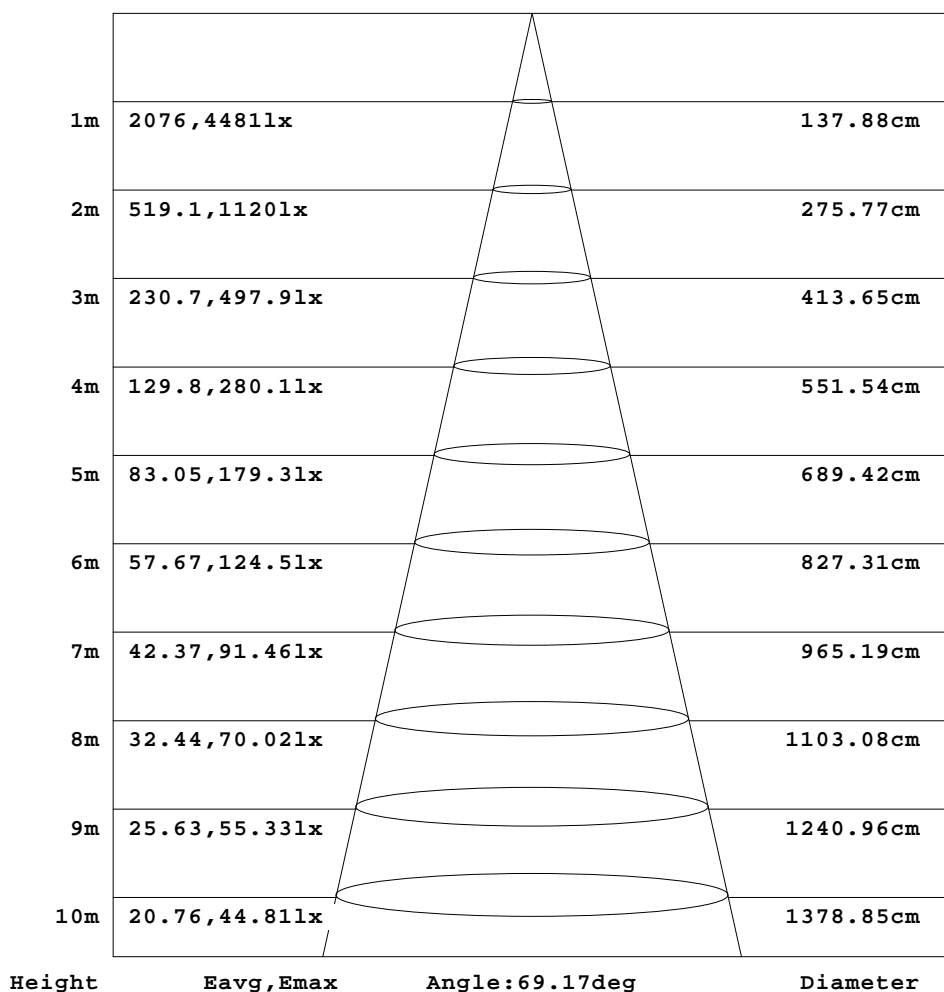
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2024-06-20

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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:3198 lm



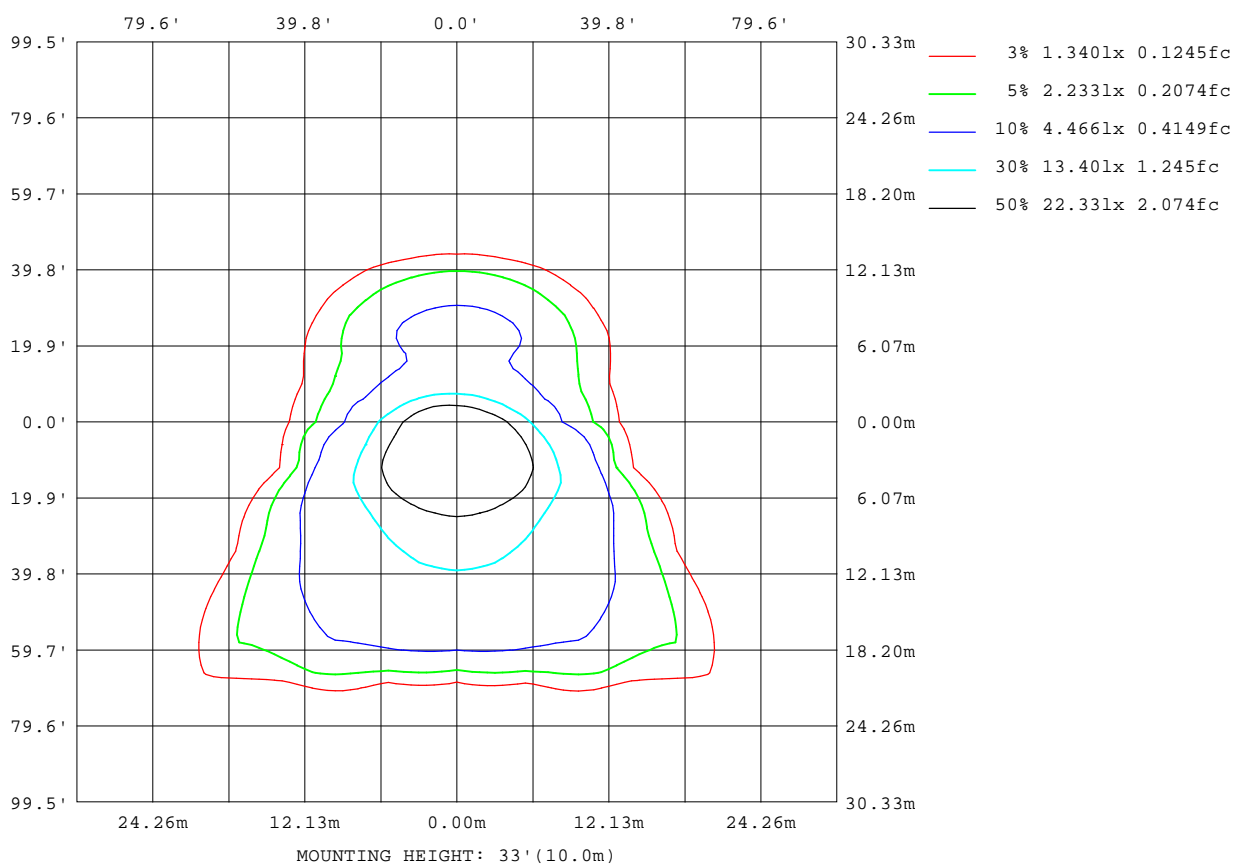
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 lm		
NAME: XWPD(30/45/63)W(30/40/50)W	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

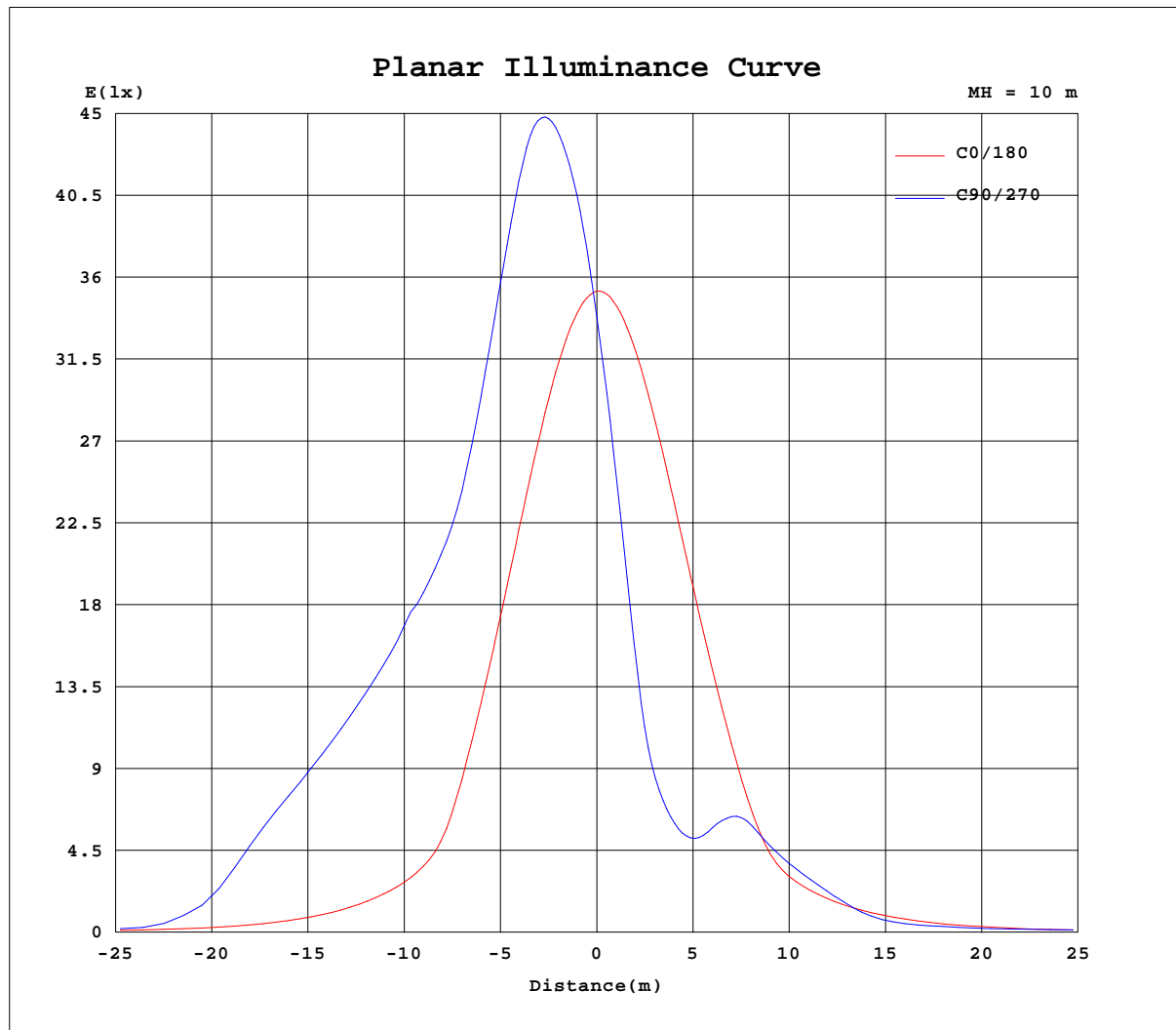
AvgL	cd/m2
L_0~180(65)av	2169
L_0~180(75)av	1520
L_0~180(85)av	902
L_90~270(65)av	5665
L_90~270(75)av	2142
L_90~270(85)av	1081
L_45(65)av	16039
L_45(75)av	9031
L_45(85)av	2871

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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 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	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417	3417
5	3368	3529	3705	3821	3953	4006	4056	4019	3972	3848	3710	3548	3402	3238	3082	2931	2819	2726	2702
10	3252	3582	3911	4161	4392	4507	4583	4531	4430	4210	3961	3614	3325	2989	2670	2349	2105	1920	1869
15	3074	3578	4054	4433	4757	4928	5023	4960	4813	4500	4122	3617	3180	2672	2166	1676	1351	1167	1135
20	2817	3485	4139	4643	5008	5172	5252	5222	5090	4734	4224	3556	2970	2274	1580	1074	919	840	827
25	2479	3345	4173	4756	5013	5084	5122	5142	5128	4870	4275	3420	2684	1780	1055	828	751	715	720
30	2044	3129	4134	4682	4800	4794	4802	4854	4918	4830	4251	3207	2310	1220	823	727	713	801	861
35	1486	2835	4010	4449	4467	4447	4462	4496	4583	4601	4147	2911	1829	891	719	707	884	1081	1170
40	961	2443	3766	4110	4163	4369	4501	4405	4254	4258	3922	2519	1233	750	663	828	1063	1195	1230
45	761	1950	3404	3745	4191	4664	4820	4709	4257	3875	3558	2030	847	656	657	907	1030	1064	1084
50	629	1314	2938	3519	4389	4889	5056	4935	4463	3625	3084	1387	693	569	684	848	884	873	881
55	508	739	2394	3496	4724	5152	5239	5216	4818	3592	2526	794	559	483	634	693	665	513	478
60	382	587	1831	3712	5061	4991	4671	5064	5180	3826	1948	635	429	392	511	482	338	294	302
65	277	440	1368	4059	4599	1820	1283	1811	4739	4204	1487	487	314	313	385	237	237	253	260
70	187	321	1129	3921	755	378	385	385	771	4098	1299	361	219	219	192	180	214	286	309
75	115	204	2004	1323	308	261	250	263	317	1374	2230	227	139	139	123	153	135	114	108
80	60.5	97.0	998	486	172	156	146	156	177	494	1090	106	77.2	69.3	85.1	75.6	59.8	40.2	36.6
85	20.3	63.0	344	143	74.6	64.2	59.2	64.1	76.8	145	379	86.7	30.4	28.0	24.0	17.5	7.88	2.27	1.56
90	1.78	1.44	15.5	14.3	13.2	15.3	14.1	15.1	14.4	16.6	28.1	1.69	1.53	1.29	2.10	3.13	3.81	3.76	3.29
95	2.38	1.78	1.81	1.79	1.57	1.47	1.49	1.74	1.98	2.06	2.07	2.03	1.02	1.77	2.62	3.61	4.38	4.73	4.92
100	3.24	2.19	2.23	2.27	2.10	2.01	2.02	2.24	2.45	2.53	2.55	2.52	1.29	2.45	3.31	4.22	4.81	5.15	5.52
105	4.33	2.68	2.70	2.80	2.72	2.57	2.59	2.78	3.03	3.09	3.05	3.05	1.68	3.35	4.23	5.07	5.48	5.69	6.10
110	5.62	3.33	3.21	3.37	3.43	3.30	3.34	3.51	3.75	3.70	3.59	3.69	2.23	4.36	5.47	6.07	6.46	6.49	6.89
115	7.05	4.22	3.66	3.87	4.07	4.12	4.21	4.31	4.40	4.24	4.09	4.46	2.92	5.48	7.02	7.25	7.69	7.63	7.94
120	8.56	5.38	4.18	4.25	4.51	4.69	4.85	4.87	4.87	4.64	4.64	5.41	3.66	6.67	8.87	8.82	9.02	9.01	9.09
125	10.1	6.77	4.92	4.59	4.78	4.97	5.11	5.17	5.18	5.05	5.35	6.62	4.45	7.81	10.9	11.2	10.6	10.7	10.7
130	11.7	8.29	5.98	5.10	5.01	5.13	5.29	5.34	5.44	5.57	6.29	8.03	5.40	8.81	12.8	14.2	13.2	13.1	13.4
135	13.2	9.96	7.38	5.93	5.43	5.32	5.43	5.55	5.88	6.40	7.55	9.50	6.49	9.66	14.2	16.9	16.8	15.9	16.0
140	14.5	11.7	9.07	7.22	6.28	5.82	5.82	6.09	6.77	7.63	9.15	11.1	7.68	10.6	15.2	18.9	20.1	19.5	18.8
145	15.8	13.4	11.0	8.99	7.73	7.03	6.98	7.34	8.23	9.40	11.0	12.7	8.98	11.8	15.7	20.0	22.5	22.8	22.3
150	16.8	14.9	13.0	11.1	9.87	8.97	8.89	9.29	10.4	11.6	12.9	14.1	10.4	13.0	16.5	20.3	23.5	24.7	24.8
155	17.5	16.3	15.0	13.6	12.5	11.6	11.5	11.9	13.0	13.9	14.8	15.4	11.8	14.4	17.8	21.2	23.8	25.0	25.3
160	18.1	17.4	16.8	16.0	15.4	14.7	14.8	15.1	15.8	16.2	16.6	16.6	13.3	16.0	19.3	22.3	24.5	25.5	25.6
165	18.4	18.3	18.4	18.3	18.2	18.0	18.1	18.3	18.5	18.3	18.0	17.6	14.8	17.4	20.6	23.4	25.4	26.3	26.3
170	18.4	18.9	19.6	20.2	20.7	20.9	21.2	21.1	20.8	20.1	19.3	18.5	16.1	18.4	21.3	23.7	25.6	26.5	26.6
175	18.2	19.2	20.5	21.7	22.7	23.3	23.5	23.1	22.5	21.2	20.0	18.7	17.0	19.0	21.3	23.4	25.1	25.9	26.1
180	17.7	19.2	21.0	22.7	24.1	24.9	25.0	24.5	23.5	22.0	20.4	18.7	17.8	19.2	21.1	22.7	24.1	24.9	25.0

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:120.16V I:0.5286A P:63.512W PF:0.9958 Freq:59.98Hz Lamp Flux:9234.46x1 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	3417	3417	3417	3417	3417													
5	2719	2791	2900	3048	3211													
10	1898	2049	2274	2586	2935													
15	1157	1302	1574	2032	2572													
20	843	918	1042	1424	2116													
25	724	761	840	1001	1574													
30	829	747	746	826	1094													
35	1118	954	759	741	873													
40	1223	1123	919	706	760													
45	1090	1069	966	734	673													
50	897	915	894	761	595													
55	518	673	726	687	514													
60	301	326	476	543	431													
65	258	243	241	393	337													
70	293	226	188	189	237													
75	115	135	164	130	138													
80	41.1	59.4	78.2	84.8	72.5													
85	2.14	7.25	17.1	24.1	27.4													
90	3.81	4.31	3.84	2.93	1.62													
95	5.29	5.21	4.29	3.20	1.89													
100	5.93	5.64	4.64	3.59	2.28													
105	6.56	6.16	5.20	4.13	2.83													
110	7.31	6.87	5.96	4.82	3.41													
115	8.21	7.84	7.01	5.57	4.07													
120	9.27	9.43	8.37	6.17	4.76													
125	11.5	11.8	9.35	7.13	5.54													
130	14.1	13.2	10.3	8.53	6.25													
135	15.9	14.6	12.7	10.12	6.95													
140	18.5	17.5	15.2	11.4	7.66													
145	21.7	20.3	17.2	12.5	8.76													
150	23.9	22.0	18.3	14.0	10.4													
155	24.5	22.6	19.5	15.8	12.4													
160	24.9	23.3	20.9	17.9	14.6													
165	25.6	24.3	22.3	19.8	16.8													
170	25.8	24.6	22.9	20.8	18.1													
175	25.5	24.3	22.6	20.8	18.5													
180	24.5	23.5	22.0	20.4	18.7													

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: