

Luminaire Photograph



Light Output Ratio:	81.9%	
Luminaire Power:	20.69 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2022-2-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CMU1013-0000-000N0U0A30G Ra:90
LENS: PM-1083B 36R
DRIVER: 9290 028 089 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

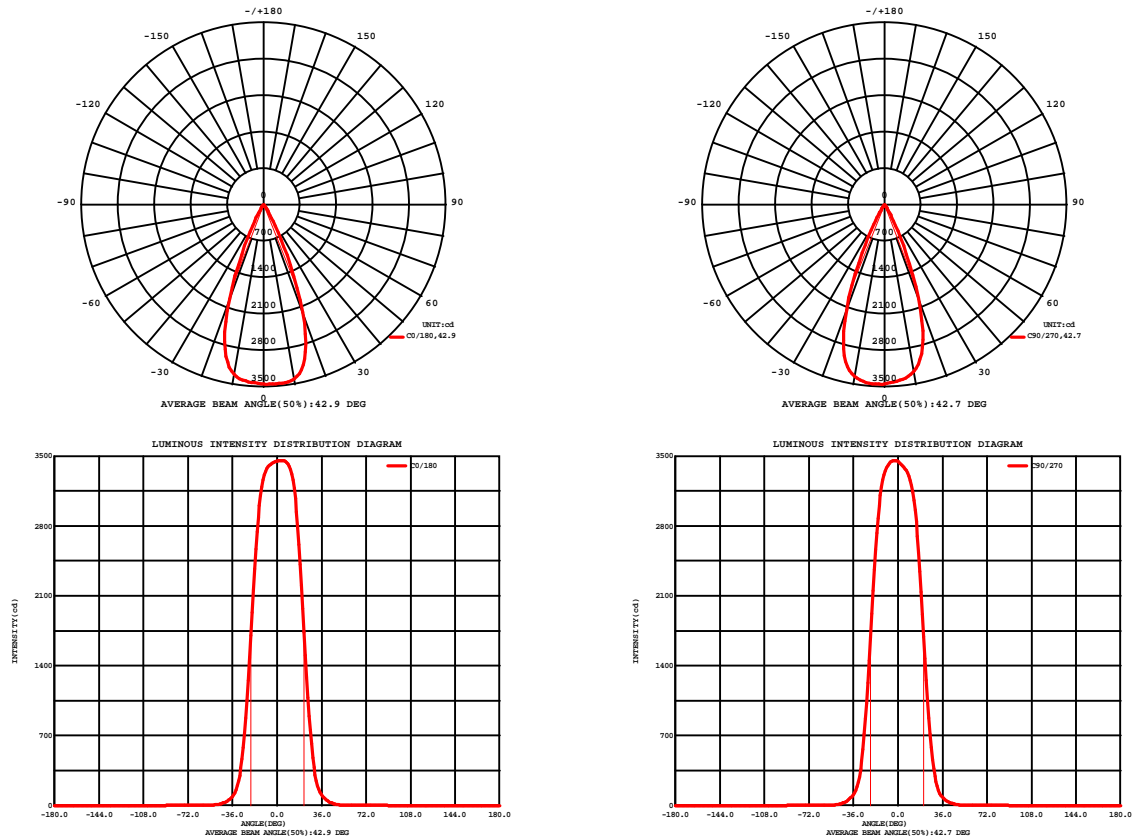


Fig. C0/C180

Fig. C90/C270

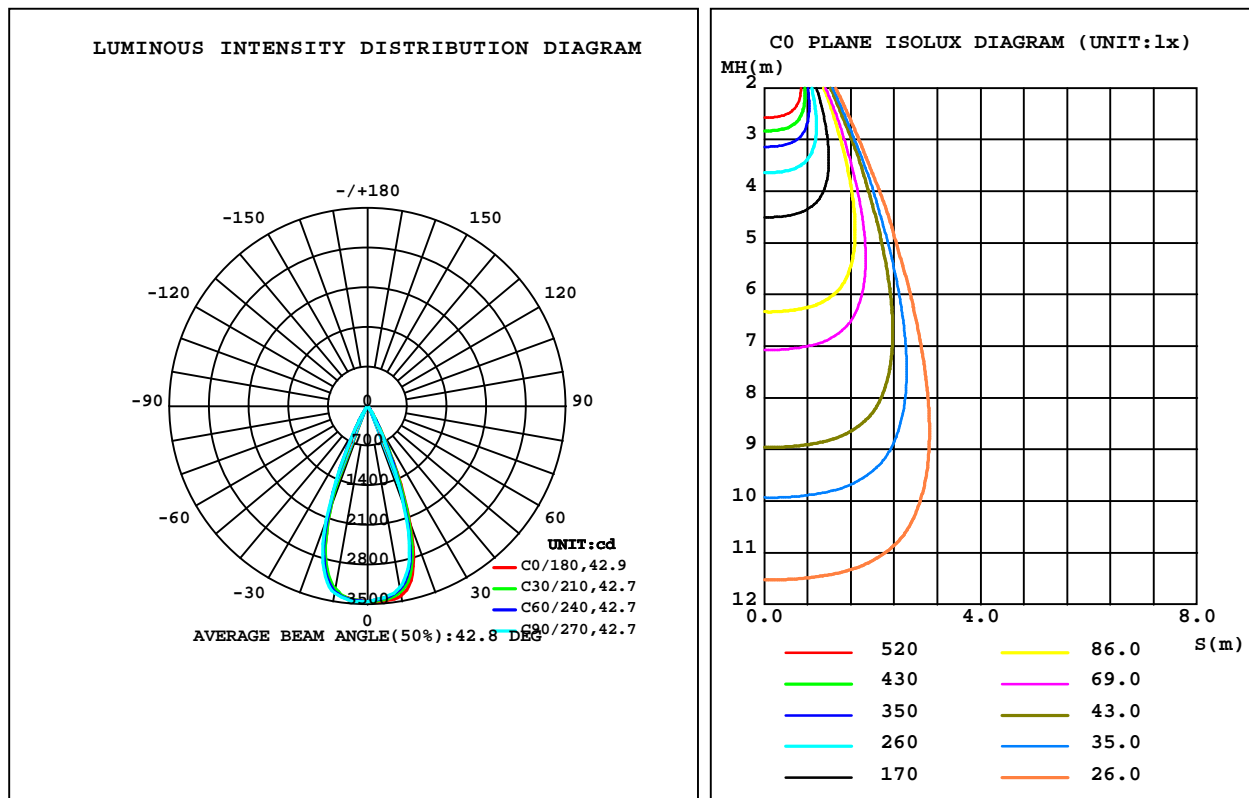
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2022-2-28

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CMU1013-0000-000N0U0A30G Ra: 90
LENS: PM-1083B 36R
DRIVER: 9290 028 089 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.09 lm/W			
MODEL	CREE	I _{max} (cd)	3468	S/MH(C0/180)	0.62
NOMINAL POWER(W)	20	LOR(%)	81.9	S/MH(C90/270)	0.64
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1678.0	h UP,DN(C0-180)	0.0,40.4
NOMINAL FLUX(lm)	2048.03	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,41.5
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	h down(%)	81.9	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

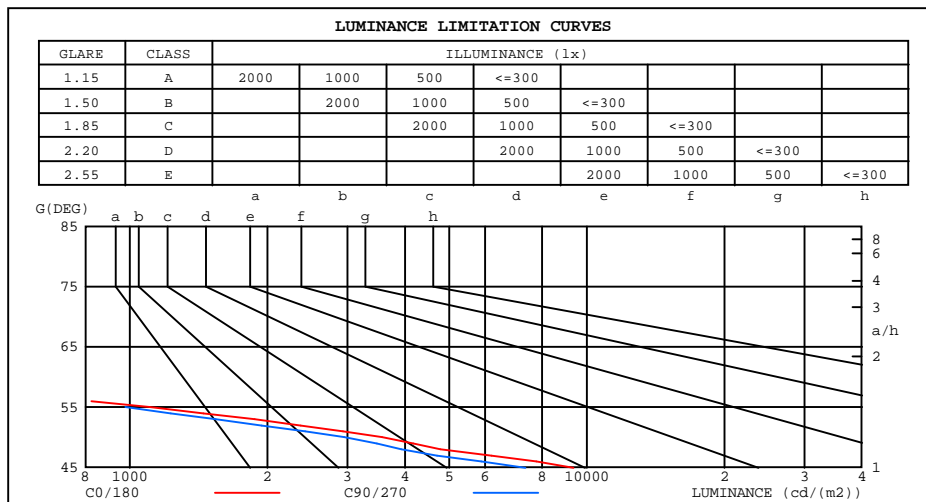
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	3395	3306	3255	3292	3311	3301	3352	3412	0- 10	324.3	324.3	19.3,15.8
20	2200	2049	1913	1927	1931	2009	2149	2179	10- 20	790.1	1114	66.4,54.4
30	382.3	339.2	290.4	287.0	297.1	328.8	359.1	366.4	20- 30	458.4	1573	93.7,76.8
40	54.57	47.77	41.94	43.53	43.52	50.19	53.24	51.74	30- 40	85.78	1659	98.8,81
50	7.590	6.661	6.290	7.045	6.460	8.947	7.824	6.873	40- 50	16.79	1675	99.8,81.8
60	0.1567	0.4326	0.4134	0.6024	0.4419	0.4546	0.2515	0.0923	50- 60	2.390	1678	100,81.9
70	0.0485	0.0579	0.1398	0.1732	0.1646	0.0934	0.0372	0.0314	60- 70	0.2249	1678	100,81.9
80	0.0416	0.0261	0.0302	0.0254	0.0415	0.0251	0.0327	0.0248	70- 80	0.0462	1678	100,81.9
90	0	0	0	0	0	0	0	0	80- 90	0.0297	1678	100,81.9
100	0	0	0	0	0	0	0	0	90-100	0	1678	100,81.9
110	0	0	0	0	0	0	0	0	100-110	0	1678	100,81.9
120	0	0	0	0	0	0	0	0	110-120	0	1678	100,81.9
130	0	0	0	0	0	0	0	0	120-130	0	1678	100,81.9
140	0	0	0	0	0	0	0	0	130-140	0	1678	100,81.9
150	0	0	0	0	0	0	0	0	140-150	0	1678	100,81.9
160	0	0	0	0	0	0	0	0	150-160	0	1678	100,81.9
170	0	0	0	0	0	0	0	0	160-170	0	1678	100,81.9
180	0	0	0	0	0	0	0	0	170-180	0	1678	100,81.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	150	122
80	72	53
75	51	47
70	43	123
65	43	223
60	95	249
55	1105	977
50	3563	2953
45	9350	7357

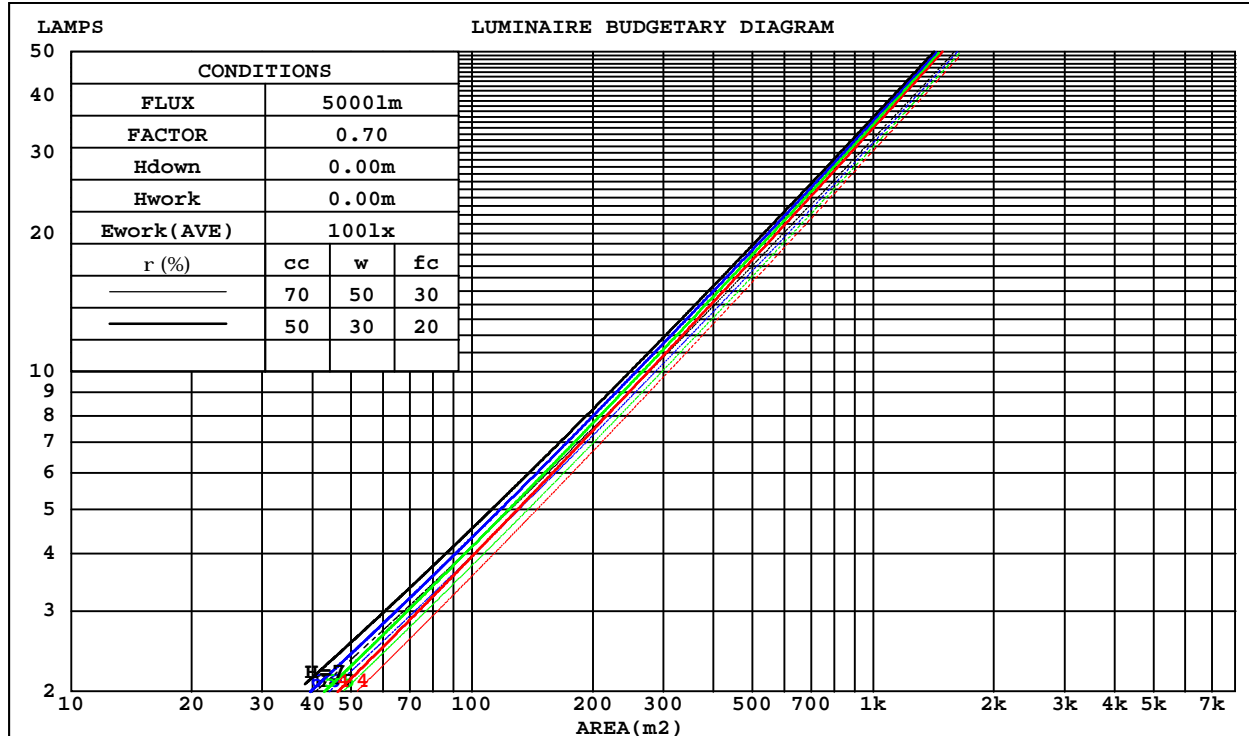
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

G Range: 0 - 180DEG
G Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

rcc	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	.98	.98	.98	.95	.95	.95	.91	.91	.91	.87	.87	.87	.84	.84	.84	.82
1.0	.92	.90	.89	.90	.89	.87	.87	.86	.85	.84	.83	.82	.81	.80	.80	.78
2.0	.87	.84	.82	.86	.83	.81	.83	.81	.79	.81	.79	.78	.78	.77	.76	.75
3.0	.83	.79	.77	.82	.79	.76	.79	.77	.75	.78	.75	.74	.76	.74	.73	.72
4.0	.79	.75	.72	.78	.74	.72	.76	.73	.71	.75	.72	.70	.73	.71	.69	.68
5.0	.75	.71	.68	.74	.71	.68	.73	.70	.68	.72	.69	.67	.71	.68	.66	.65
6.0	.72	.68	.65	.71	.68	.65	.70	.67	.64	.69	.66	.64	.68	.66	.64	.63
7.0	.69	.65	.62	.68	.65	.62	.67	.64	.62	.66	.64	.61	.66	.63	.61	.60
8.0	.66	.62	.59	.66	.62	.59	.65	.61	.59	.64	.61	.59	.63	.61	.59	.58
9.0	.63	.60	.57	.63	.59	.57	.62	.59	.57	.62	.59	.57	.61	.58	.56	.55
10.0	.61	.57	.55	.61	.57	.55	.60	.57	.54	.60	.57	.54	.59	.56	.54	.53



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

WEC AND CCEC

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.123	.070	.022	.117	.067	.021	.107	.062	.020	.098	.056	.018	.089	.052	.017	
2.0	.115	.063	.019	.111	.061	.019	.102	.057	.018	.094	.053	.017	.087	.049	.016	
3.0	.108	.058	.017	.105	.056	.017	.098	.053	.016	.091	.050	.015	.085	.047	.015	
4.0	.103	.053	.016	.099	.052	.015	.093	.049	.015	.088	.047	.014	.082	.045	.014	
5.0	.097	.050	.014	.095	.049	.014	.089	.047	.014	.085	.045	.013	.080	.043	.013	
6.0	.093	.047	.013	.090	.046	.013	.086	.044	.013	.082	.042	.012	.078	.041	.012	
7.0	.089	.044	.012	.087	.043	.012	.083	.042	.012	.079	.040	.012	.075	.039	.012	
8.0	.085	.041	.012	.083	.041	.012	.080	.040	.011	.076	.039	.011	.073	.038	.011	
9.0	.082	.039	.011	.080	.039	.011	.077	.038	.011	.074	.037	.011	.071	.036	.010	
10.0	.078	.038	.010	.077	.037	.010	.074	.036	.010	.072	.036	.010	.069	.035	.010	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.156	.156	.156	.133	.133	.133	.091	.091	.091	.052	.052	.052	.017	.017	.017	
1.0	.139	.129	.120	.119	.111	.104	.081	.076	.072	.047	.044	.042	.015	.014	.013	
2.0	.125	.109	.095	.107	.094	.082	.073	.065	.057	.042	.038	.034	.014	.012	.011	
3.0	.113	.093	.077	.097	.080	.067	.067	.056	.047	.038	.033	.028	.012	.011	.009	
4.0	.103	.080	.063	.089	.070	.055	.061	.048	.038	.035	.028	.023	.011	.009	.007	
5.0	.095	.071	.052	.082	.061	.045	.056	.043	.032	.033	.025	.019	.011	.008	.006	
6.0	.089	.063	.044	.076	.054	.038	.053	.038	.027	.031	.022	.016	.010	.007	.005	
7.0	.083	.056	.037	.071	.049	.033	.049	.034	.023	.029	.020	.014	.009	.007	.005	
8.0	.078	.051	.032	.067	.044	.028	.046	.031	.020	.027	.018	.012	.009	.006	.004	
9.0	.074	.046	.028	.063	.040	.024	.044	.028	.017	.026	.017	.010	.008	.005	.003	
10.0	.070	.043	.024	.060	.037	.021	.042	.026	.015	.024	.015	.009	.008	.005	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm										
NAME: 2118.533-ACOT-37					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2202280117		
MFR.: RISE					SUR.:0.003316625m2			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	12.6	13.3	12.8	13.5	13.6	11.1	11.8	11.3	12.0	12.1
3H	12.4	13.1	12.6	13.3	13.5	10.9	11.6	11.1	11.8	12.0
4H	12.3	13.0	12.6	13.2	13.4	10.8	11.5	11.1	11.7	11.9
6H	12.2	12.9	12.5	13.1	13.3	10.7	11.4	11.0	11.6	11.8
8H	12.2	12.8	12.5	13.0	13.3	10.7	11.3	11.0	11.5	11.8
12H	12.1	12.7	12.5	13.0	13.2	10.6	11.2	11.0	11.5	11.8
4H 2H	12.3	13.0	12.6	13.2	13.4	10.8	11.5	11.1	11.7	11.9
3H	12.1	12.7	12.5	13.0	13.2	10.7	11.2	11.0	11.5	11.8
4H	12.1	12.6	12.4	12.9	13.2	10.6	11.1	10.9	11.4	11.7
6H	12.0	12.4	12.3	12.7	13.1	10.5	10.9	10.8	11.2	11.6
8H	11.9	12.3	12.3	12.7	13.0	10.4	10.8	10.8	11.2	11.5
12H	11.8	12.2	12.2	12.6	13.0	10.3	10.7	10.8	11.1	11.5
8H 4H	11.9	12.3	12.3	12.7	13.0	10.4	10.8	10.8	11.2	11.5
6H	11.8	12.1	12.2	12.5	12.9	10.3	10.6	10.7	11.0	11.4
8H	11.7	12.0	12.2	12.5	12.9	10.2	10.5	10.7	11.0	11.4
12H	11.7	11.9	12.1	12.4	12.8	10.2	10.4	10.6	10.9	11.4
12H 4H	11.8	12.2	12.2	12.6	13.0	10.3	10.7	10.8	11.1	11.5
6H	11.7	12.0	12.2	12.5	12.9	10.2	10.5	10.7	11.0	11.4
8H	11.7	11.9	12.1	12.4	12.8	10.2	10.4	10.6	10.9	11.4
Variations with the observer position at spacings:										
S = 1.0H	+ 3.8 / -20.0					+ 3.5 / -18.2				
1.5H	+ 6.2 / -14.3					+ 5.8 / -13.5				
2.0H	+ 7.6 / -21.2					+ 7.3 / -14.5				

CIE Pub.117, 2048 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.5$)
Area: 0.00331663 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

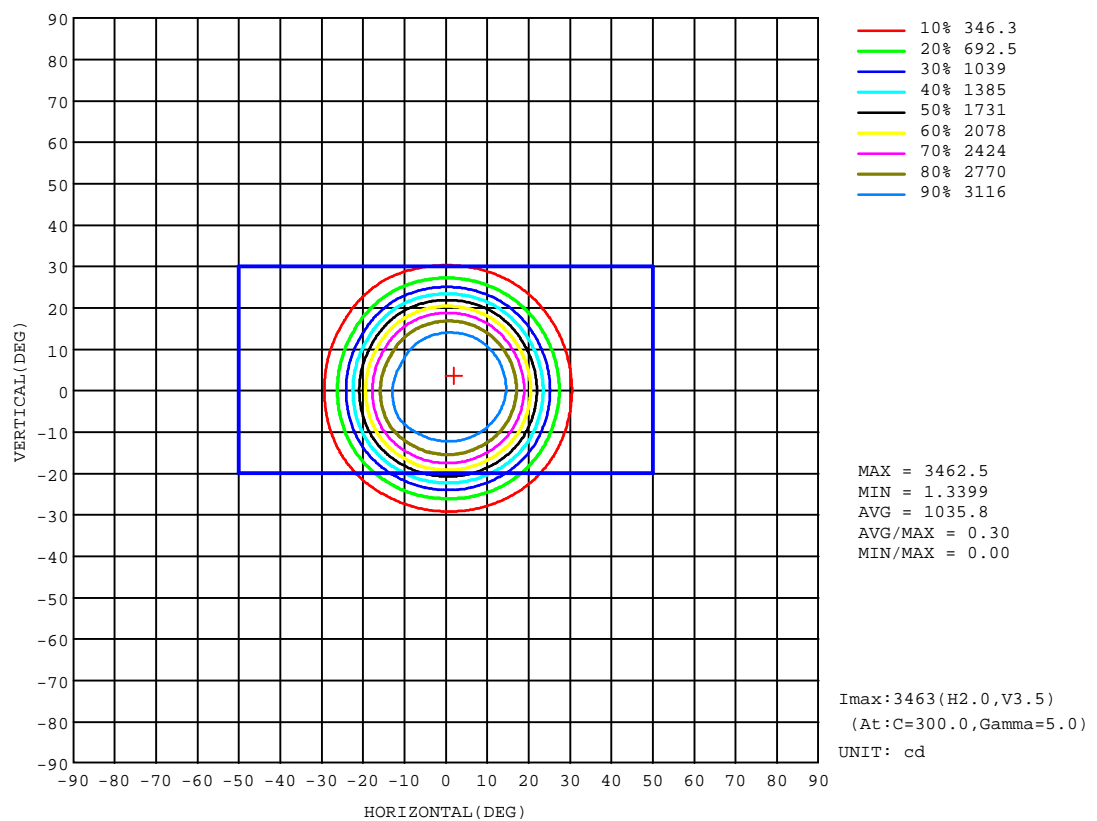
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	74	70	67	74	70	67	73	69	67	64
0.80	80	76	73	80	76	73	79	75	73	70
1.00	83	79	77	83	79	76	81	79	76	73
1.25	86	82	80	85	82	80	84	81	79	76
1.50	88	85	82	87	84	82	85	83	81	78
2.00	90	87	85	89	86	84	87	84	83	79
2.50	91	88	86	90	87	85	87	85	84	79
3.00	92	90	88	91	89	87	88	86	85	80
4.00	94	92	90	92	90	89	89	88	87	81
5.00	95	93	92	93	92	91	90	89	88	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

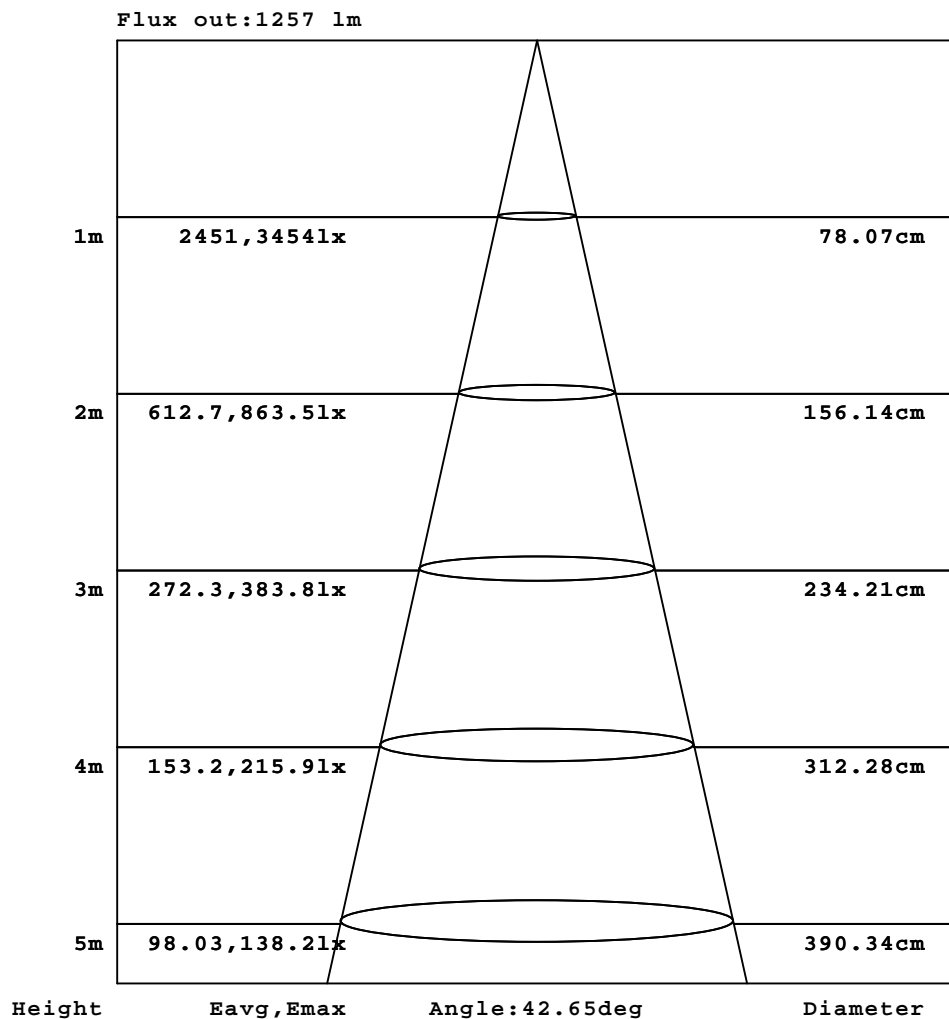


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

AAI Figure

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:



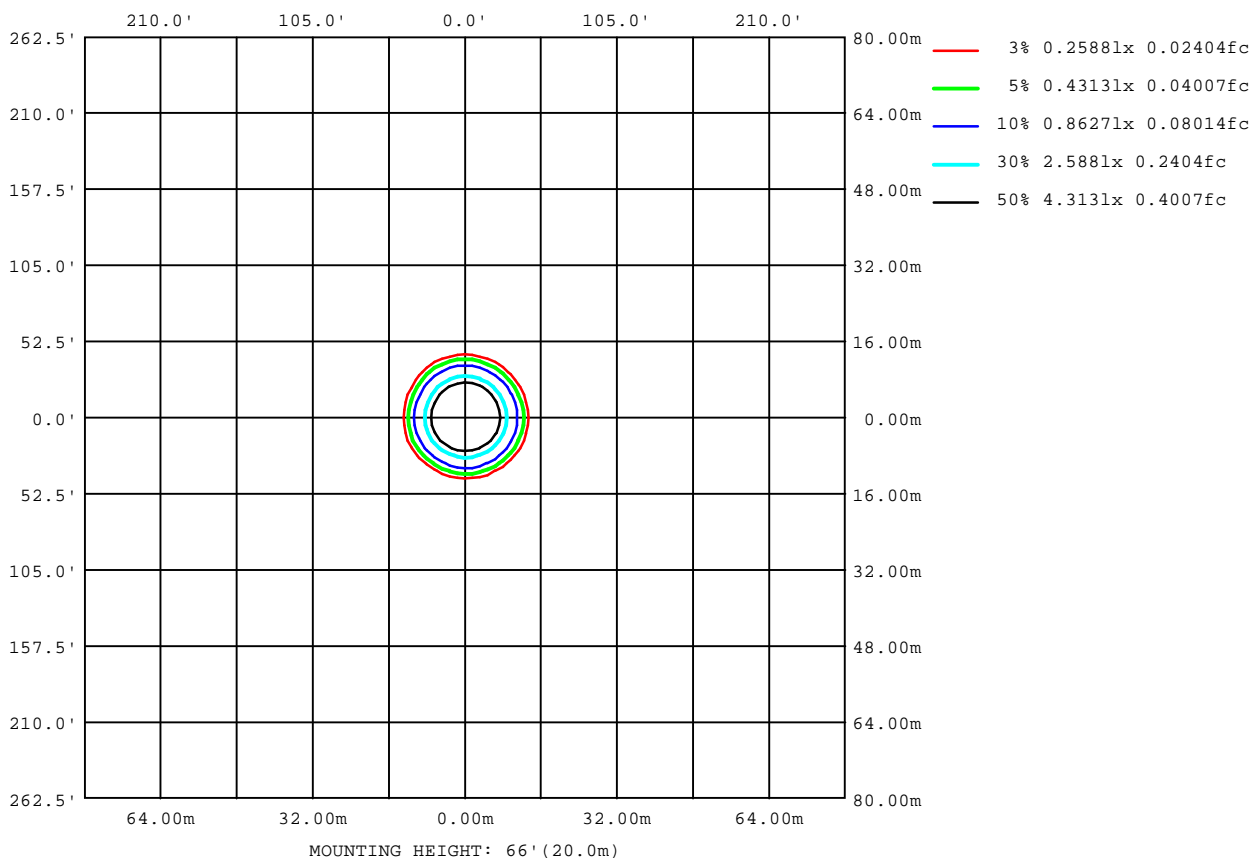
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

LED Avg.L Report

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

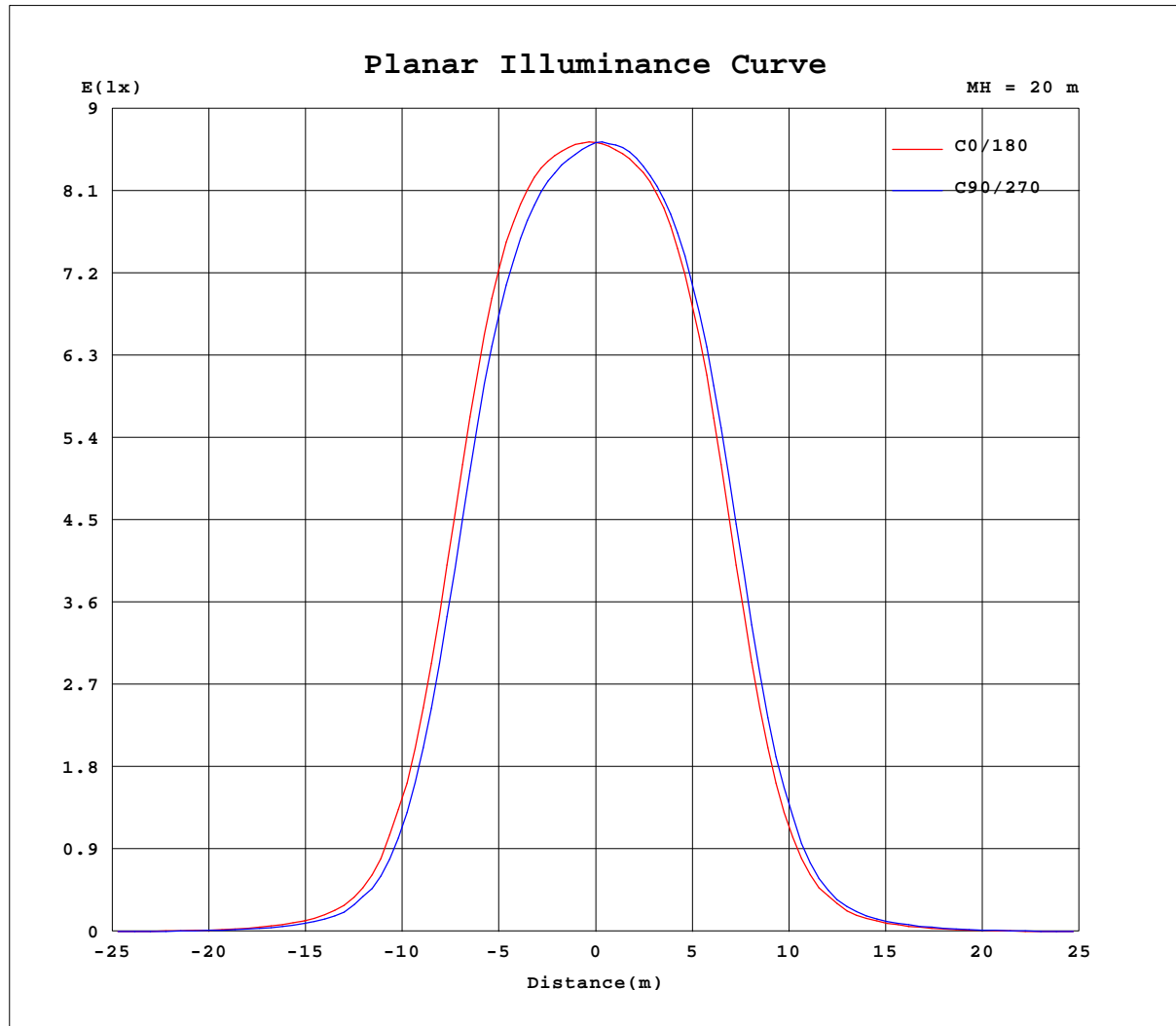
AvgL	cd/m2
L_0~180(65)av	136
L_0~180(75)av	61
L_0~180(85)av	146
L_90~270(65)av	145
L_90~270(75)av	43
L_90~270(85)av	126
L_45(65)av	191
L_45(75)av	37
L_45(85)av	78

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zoe
 Test Date: 2022-2-28

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks: LAMP: CMU1013-0000-000N0U0A30G Ra:90
 LENS: PM-1083B 36R
 DRIVER: 9290 028 089 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.27V I:0.0970A P:20.693W PF:0.9660 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.533-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202280117
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

Table--1

UNIT: cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3448	3448	3448	3448	3448	3448	3448	3448	3448	3448	3448	3448						
5	3451	3425	3400	3389	3394	3413	3416	3418	3431	3446	3468	3466						
10	3395	3333	3279	3255	3259	3324	3311	3277	3326	3352	3404	3420						
15	3072	2988	2886	2840	2846	2921	2884	2857	2945	3001	3063	3080						
20	2200	2119	1979	1913	1900	1954	1931	1940	2077	2149	2189	2169						
25	1077	1034	930	876	865	888	874	868	999	1024	1053	1040						
30	382	360	318	290	275	299	297	300	358	359	368	365						
35	134	125	111	102	98.5	109	107	112	130	128	130	128						
40	54.6	51.4	44.1	41.9	41.3	45.7	43.5	46.5	53.9	53.2	52.5	51.0						
45	21.9	21.5	17.4	17.2	17.0	20.0	17.9	20.1	23.7	21.9	20.9	20.3						
50	7.59	7.23	6.09	6.29	6.51	7.58	6.46	8.13	9.76	7.82	6.49	7.25						
55	2.10	2.15	1.91	1.86	1.93	2.44	1.97	2.40	3.38	2.30	1.72	1.97						
60	0.16	0.36	0.51	0.41	0.60	0.61	0.44	0.36	0.55	0.25	0.09	0.10						
65	0.06	0.18	0.38	0.31	0.41	0.33	0.32	0.31	0.38	0.09	0.04	0.04						
70	0.05	0.03	0.08	0.14	0.19	0.15	0.16	0.14	0.05	0.04	0.03	0.03						
75	0.04	0.03	0.03	0.04	0.05	0.04	0.06	0.03	0.03	0.03	0.03	0.03						
80	0.04	0.02	0.03	0.03	0.02	0.03	0.04	0.03	0.02	0.03	0.02	0.03						
85	0.04	0.02	0.03	0.04	0.02	0.03	0.04	0.03	0.02	0.04	0.02	0.03						
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-28

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
LENS:PM-1083B 36R
DRIVER:9290 028 089 500mA
30minutes warm-up