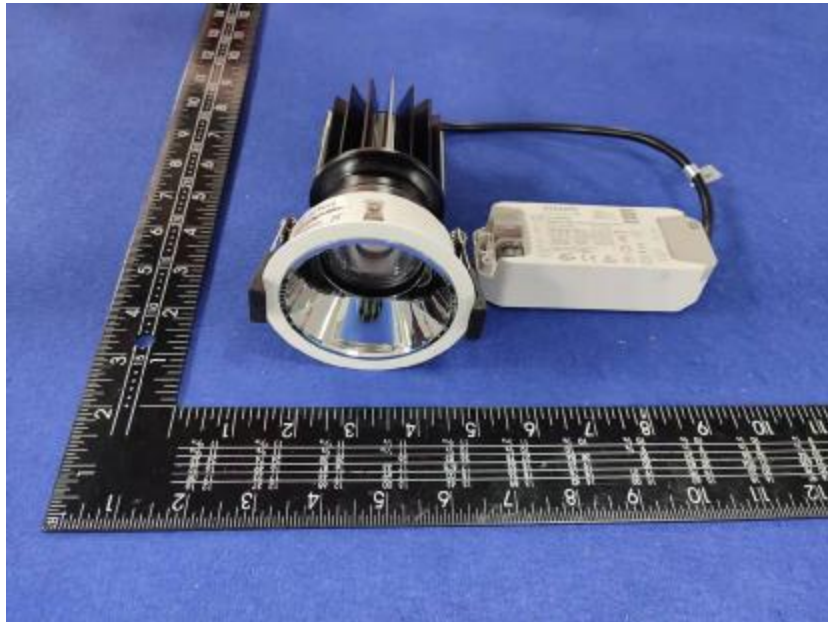


Luminaire Photograph



Light Output Ratio:	81.4%	
Luminaire Power:	20.74 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: 2022-2-26

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

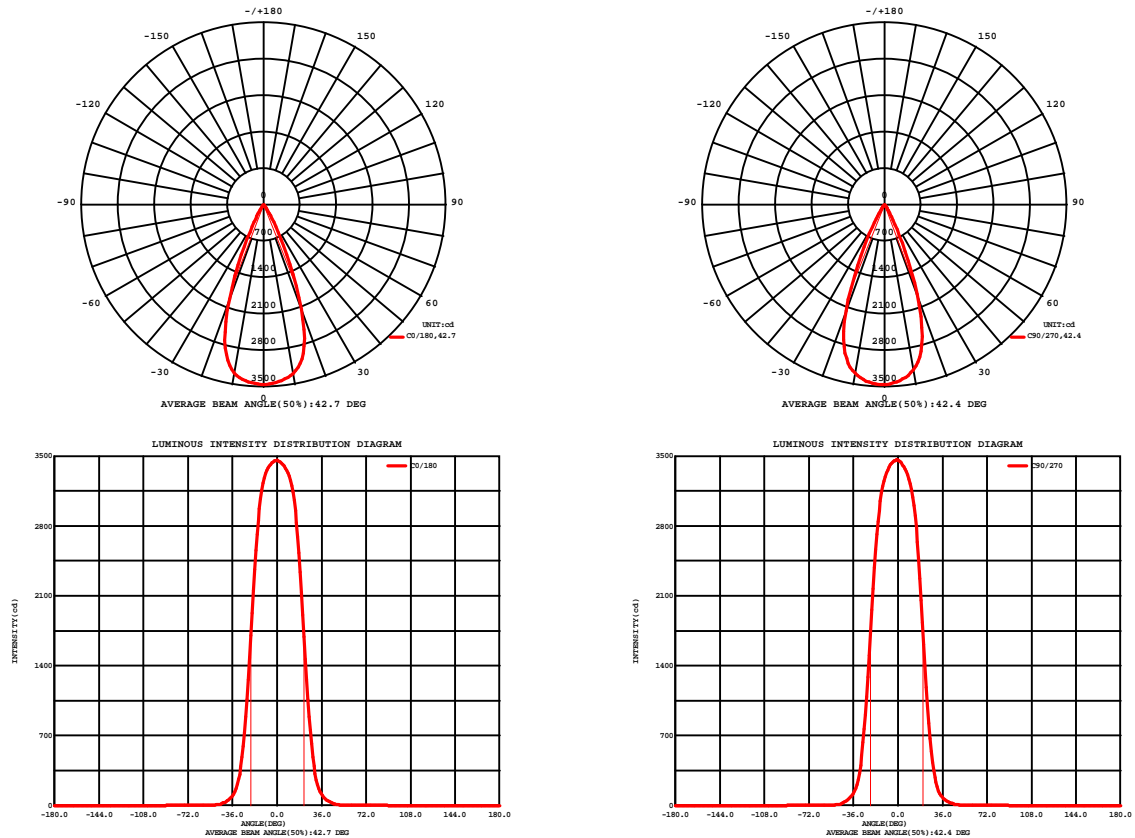


Fig. C0/C180

Fig. C90/C270

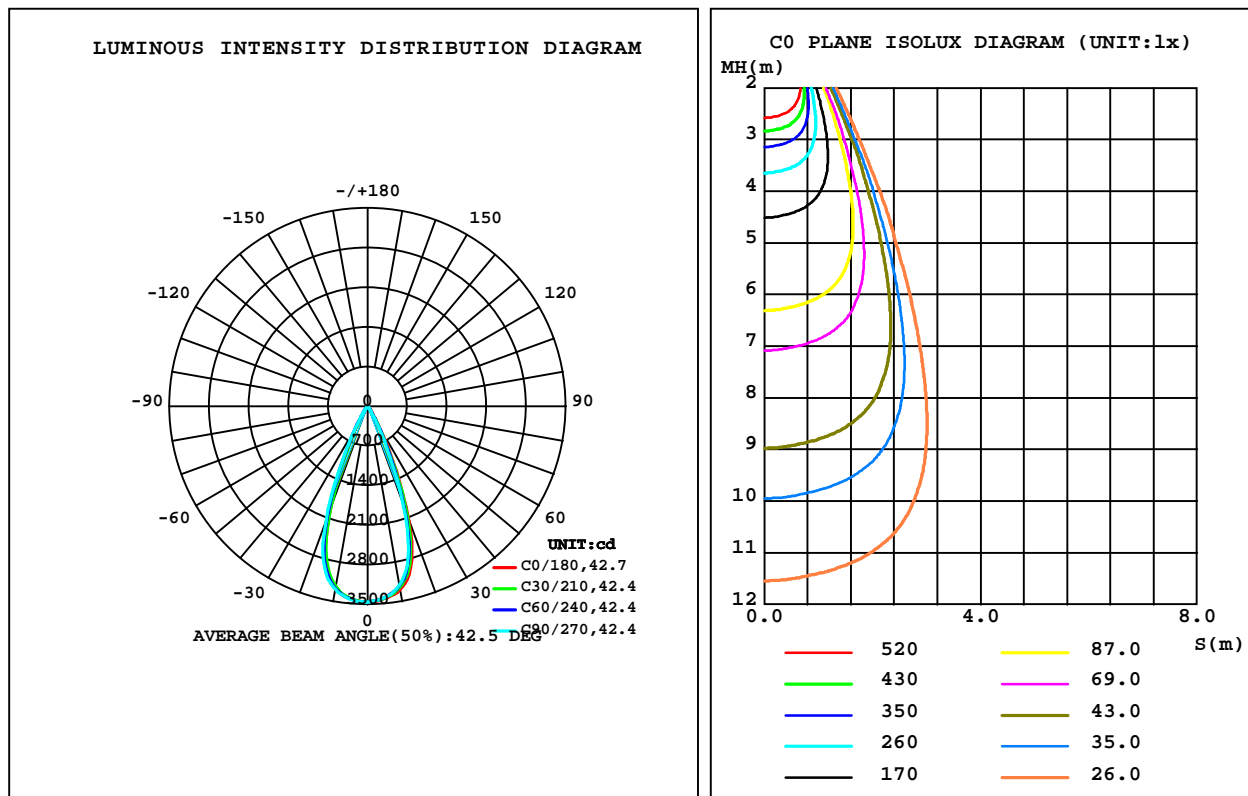
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2022-2-26

C Range: 0 - 180DEG
C 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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.37 lm/W			
MODEL	CREE	I _{max} (cd)	3467	S/MH(C0/180)	0.62
NOMINAL POWER(W)	20	LOR(%)	81.4	S/MH(C90/270)	0.65
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1666.8	h UP,DN(C0-180)	0.0,39.6
NOMINAL FLUX(lm)	2048.03	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,41.8
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	h down(%)	81.4	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-26

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:

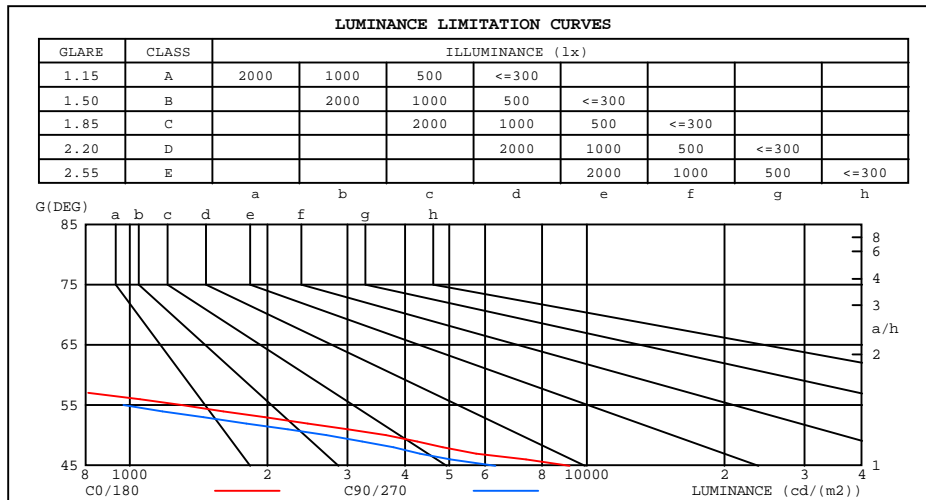
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	3295	3239	3221	3287	3280	3256	3290	3337	0- 10	321.9	321.9	19.3,15.7
20	2131	1980	1832	1871	1927	2006	2171	2191	10- 20	776.1	1098	65.9,53.6
30	393.6	338.9	278.7	278.9	312.3	352.0	399.5	416.8	20- 30	458.6	1557	93.4,76
40	55.96	47.99	40.73	41.48	45.22	53.19	57.77	59.22	30- 40	90.75	1647	98.8,80.4
50	7.746	6.521	5.743	5.731	6.127	8.642	7.773	7.381	40- 50	16.66	1664	99.8,81.2
60	0.9001	0.9795	0.8180	0.7983	0.7955	0.9172	0.8660	0.8043	50- 60	2.448	1666	100,81.4
70	0.0662	0.0356	0.0376	0.0311	0.0415	0.0270	0.0346	0.0331	60- 70	0.3565	1667	100,81.4
80	0.2733	0.0307	0.0310	0.0257	0.0436	0.0230	0.0362	0.0280	70- 80	0.0426	1667	100,81.4
90	0	0	0	0	0	0	0	0	80- 90	0.0400	1667	100,81.4
100	0	0	0	0	0	0	0	0	90-100	0	1667	100,81.4
110	0	0	0	0	0	0	0	0	100-110	0	1667	100,81.4
120	0	0	0	0	0	0	0	0	110-120	0	1667	100,81.4
130	0	0	0	0	0	0	0	0	120-130	0	1667	100,81.4
140	0	0	0	0	0	0	0	0	130-140	0	1667	100,81.4
150	0	0	0	0	0	0	0	0	140-150	0	1667	100,81.4
160	0	0	0	0	0	0	0	0	150-160	0	1667	100,81.4
170	0	0	0	0	0	0	0	0	160-170	0	1667	100,81.4
180	0	0	0	0	0	0	0	0	170-180	0	1667	100,81.4
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-26

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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:



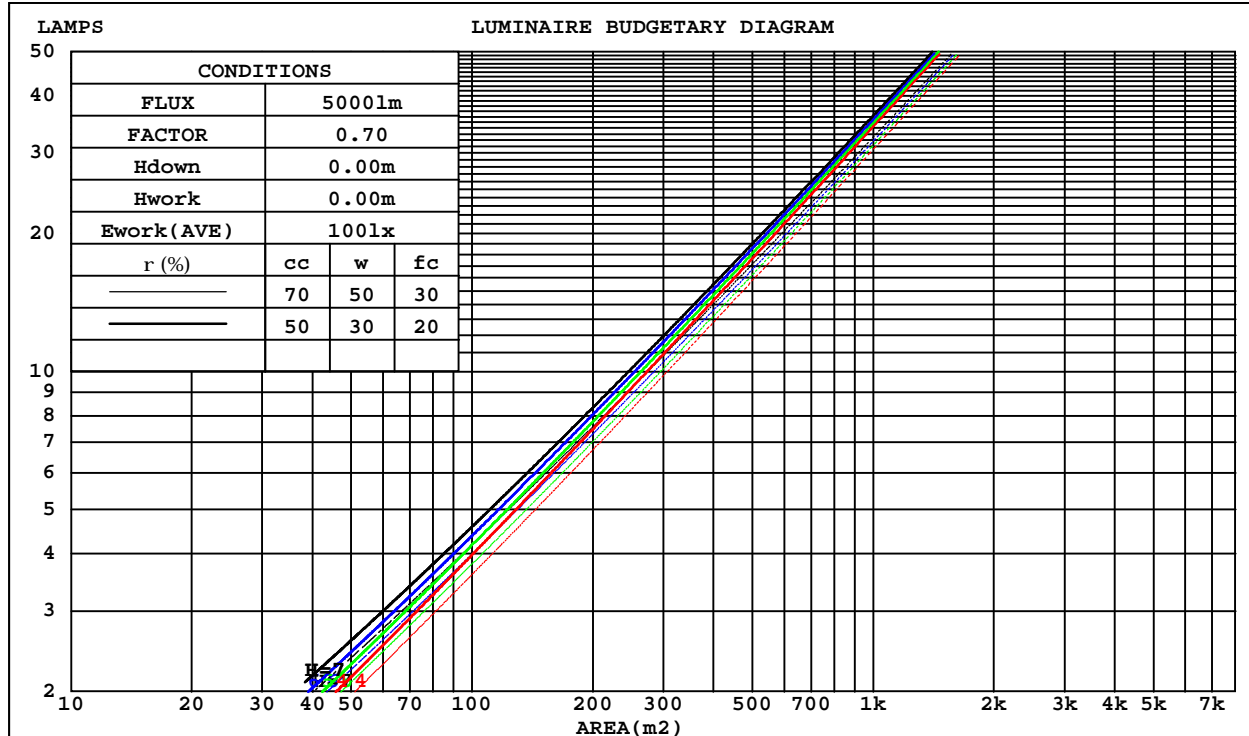
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-26

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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
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
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	.97	.97	.97	.95	.95	.95	.90	.90	.90	.87	.87	.87	.83	.83	.83	.81
1.0	.91	.90	.88	.90	.88	.87	.86	.85	.84	.83	.82	.82	.81	.80	.79	.78
2.0	.86	.84	.81	.85	.83	.81	.82	.80	.79	.80	.79	.77	.78	.77	.76	.74
3.0	.82	.79	.76	.81	.78	.75	.79	.76	.74	.77	.75	.73	.75	.74	.72	.71
4.0	.78	.74	.72	.77	.74	.71	.76	.73	.70	.74	.72	.70	.73	.71	.69	.68
5.0	.75	.71	.68	.74	.70	.68	.72	.69	.67	.71	.69	.66	.70	.68	.66	.65
6.0	.71	.67	.65	.71	.67	.64	.70	.66	.64	.68	.66	.64	.67	.65	.63	.62
7.0	.68	.64	.62	.68	.64	.61	.67	.64	.61	.66	.63	.61	.65	.62	.61	.60
8.0	.65	.62	.59	.65	.61	.59	.64	.61	.59	.63	.60	.58	.63	.60	.58	.57
9.0	.63	.59	.56	.63	.59	.56	.62	.59	.56	.61	.58	.56	.61	.58	.56	.55
10.0	.60	.57	.54	.60	.57	.54	.60	.56	.54	.59	.56	.54	.58	.56	.54	.53



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-26

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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
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	.122	.070	.022	.117	.067	.021	.107	.061	.020	.098	.056	.018	.089	.052	.017	
2.0	.115	.063	.019	.110	.061	.019	.102	.057	.018	.094	.053	.017	.087	.049	.016	
3.0	.108	.058	.017	.104	.056	.017	.097	.053	.016	.091	.050	.015	.085	.047	.014	
4.0	.102	.053	.016	.099	.052	.015	.093	.049	.015	.087	.047	.014	.082	.045	.014	
5.0	.097	.049	.014	.094	.048	.014	.089	.046	.014	.084	.044	.013	.080	.043	.013	
6.0	.092	.046	.013	.090	.045	.013	.086	.044	.013	.081	.042	.012	.077	.041	.012	
7.0	.088	.044	.012	.086	.043	.012	.082	.042	.012	.079	.040	.012	.075	.039	.011	
8.0	.085	.041	.012	.083	.041	.012	.079	.040	.011	.076	.039	.011	.073	.037	.011	
9.0	.081	.039	.011	.080	.039	.011	.077	.038	.011	.074	.037	.011	.071	.036	.010	
10.0	.078	.037	.010	.077	.037	.010	.074	.036	.010	.071	.035	.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	.155	.155	.155	.132	.132	.132	.090	.090	.090	.052	.052	.052	.017	.017	.017	
1.0	.138	.128	.120	.118	.110	.103	.081	.076	.071	.046	.044	.041	.015	.014	.013	
2.0	.124	.108	.095	.106	.093	.082	.073	.064	.057	.042	.037	.033	.013	.012	.011	
3.0	.112	.092	.076	.096	.080	.066	.066	.055	.046	.038	.032	.027	.012	.010	.009	
4.0	.103	.080	.062	.088	.069	.054	.061	.048	.038	.035	.028	.023	.011	.009	.007	
5.0	.095	.070	.052	.082	.061	.045	.056	.042	.032	.033	.025	.019	.010	.008	.006	
6.0	.088	.062	.044	.076	.054	.038	.052	.038	.027	.030	.022	.016	.010	.007	.005	
7.0	.082	.056	.037	.071	.048	.032	.049	.034	.023	.028	.020	.014	.009	.007	.005	
8.0	.078	.050	.032	.067	.044	.028	.046	.031	.020	.027	.018	.012	.009	.006	.004	
9.0	.073	.046	.028	.063	.040	.024	.044	.028	.017	.025	.017	.010	.008	.005	.003	
10.0	.069	.042	.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:2022-2-26

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

UGR(Unified Glare Rating) Table

Test:U:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm										
NAME: 2118.532-ACOT-37					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2202260111		
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	12.8	13.6	13.0	13.7	13.9	11.0	11.7	11.2	11.9	12.0
3H	12.6	13.3	12.9	13.5	13.7	10.8	11.5	11.1	11.7	11.9
4H	12.6	13.2	12.8	13.4	13.7	10.7	11.4	11.0	11.6	11.8
6H	12.5	13.1	12.8	13.3	13.6	10.7	11.3	10.9	11.5	11.7
8H	12.4	13.0	12.7	13.3	13.5	10.6	11.2	10.9	11.5	11.7
12H	12.4	13.0	12.7	13.2	13.5	10.6	11.1	10.9	11.4	11.7
4H 2H	12.6	13.2	12.8	13.4	13.7	10.7	11.4	11.0	11.6	11.8
3H	12.4	13.0	12.7	13.2	13.5	10.6	11.1	10.9	11.4	11.7
4H	12.3	12.8	12.6	13.1	13.4	10.5	11.0	10.8	11.3	11.6
6H	12.2	12.7	12.6	13.0	13.3	10.4	10.8	10.7	11.2	11.5
8H	12.2	12.6	12.5	12.9	13.3	10.3	10.7	10.7	11.1	11.5
12H	12.1	12.5	12.5	12.9	13.2	10.3	10.7	10.7	11.0	11.4
8H 4H	12.1	12.6	12.5	12.9	13.3	10.3	10.7	10.7	11.1	11.5
6H	12.0	12.4	12.5	12.8	13.2	10.2	10.6	10.6	11.0	11.4
8H	12.0	12.3	12.4	12.7	13.2	10.1	10.5	10.6	10.9	11.3
12H	11.9	12.2	12.4	12.6	13.1	10.1	10.4	10.6	10.8	11.3
12H 4H	12.1	12.5	12.5	12.9	13.2	10.3	10.7	10.7	11.0	11.4
6H	12.0	12.3	12.4	12.7	13.1	10.1	10.5	10.6	10.9	11.3
8H	11.9	12.2	12.4	12.6	13.1	10.1	10.4	10.6	10.8	11.3
Variations with the observer position at spacings:										
S = 1.0H	+ 3.9 / -16.2					+ 3.5 / -16.8				
1.5H	+ 6.3 / -13.0					+ 5.9 / -13.0				
2.0H	+ 7.4 / - 9.5					+ 7.0 / - 9.0				

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:2022-2-26

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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

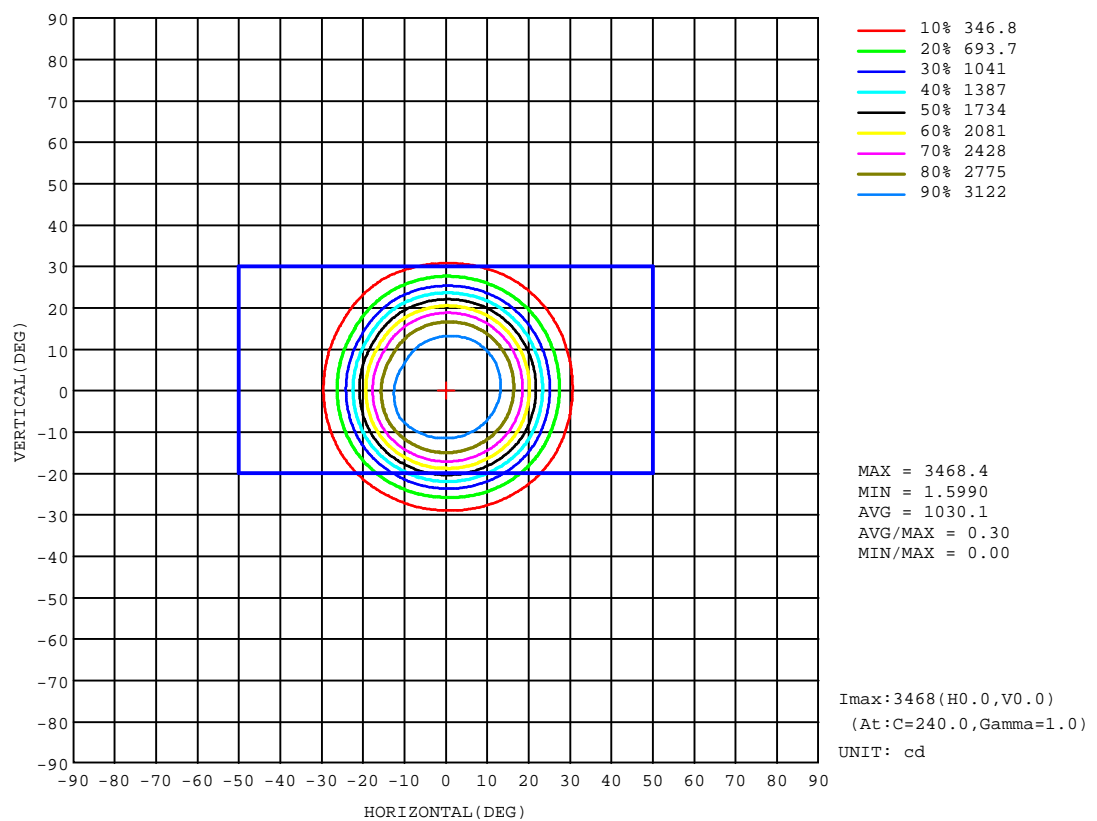
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	74	69	66	74	69	66	73	69	66	64
0.80	80	75	73	79	75	73	78	75	72	70
1.00	83	79	76	82	78	76	81	78	75	72
1.25	86	82	79	85	81	79	83	80	78	75
1.50	88	84	82	87	84	81	85	82	80	77
2.00	89	86	84	88	85	83	86	84	82	78
2.50	91	88	86	89	87	85	87	85	83	79
3.00	92	89	87	90	88	86	88	86	84	79
4.00	93	91	90	92	90	88	89	87	86	81
5.00	94	93	91	92	91	90	89	88	87	81
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:2022-2-26

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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

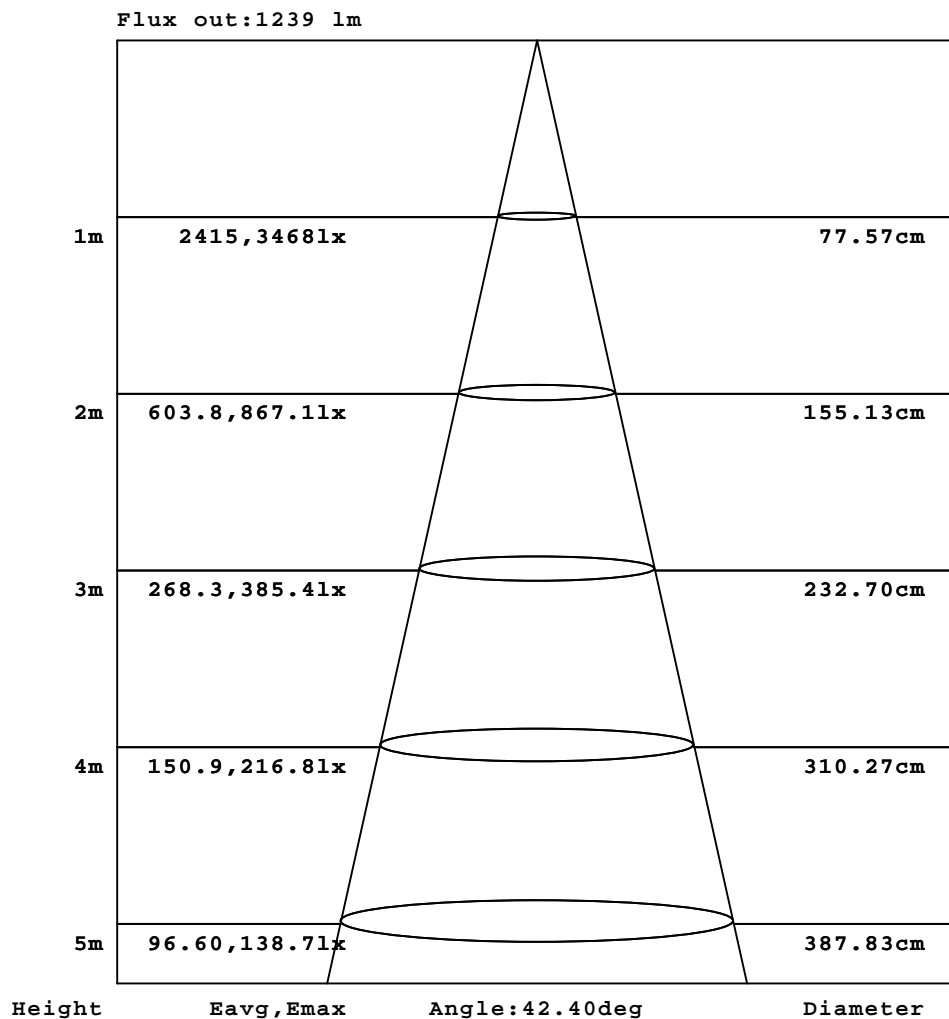


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-26

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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:



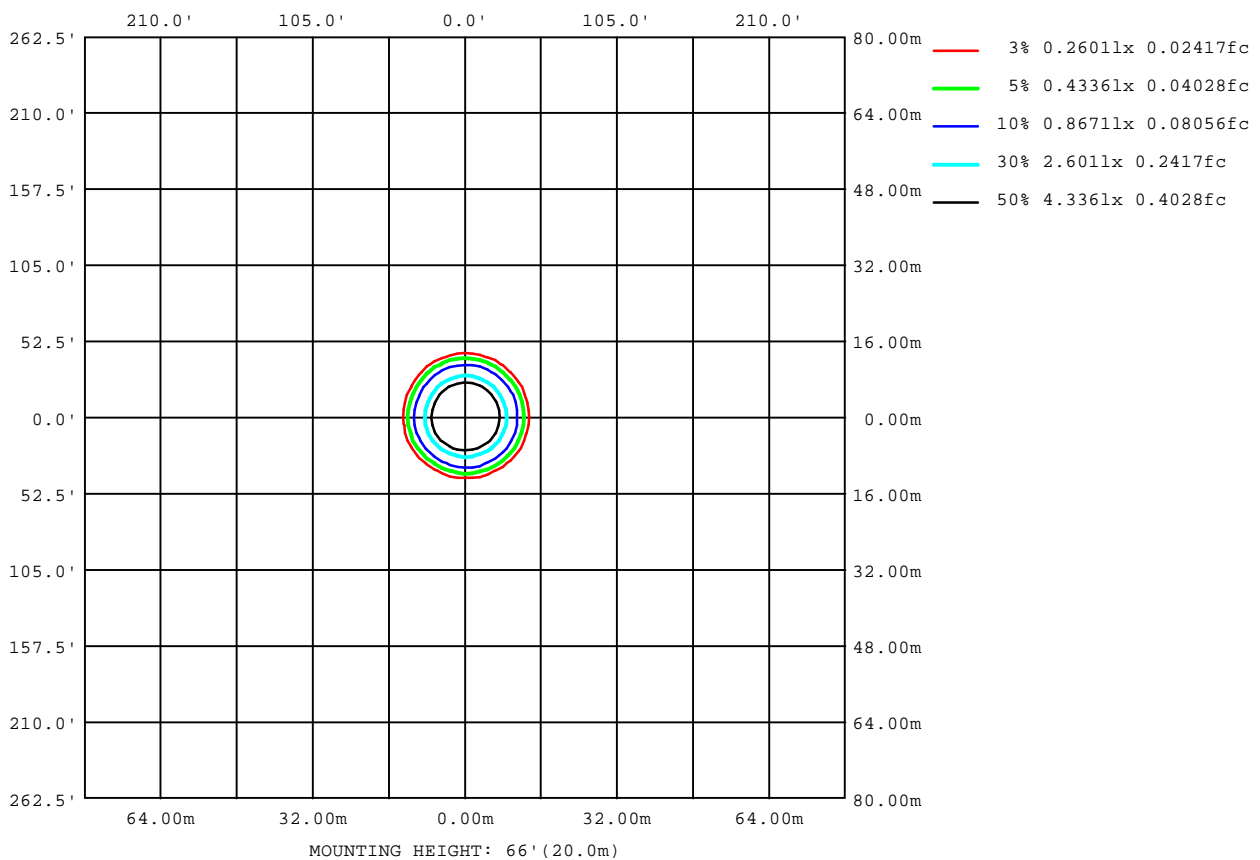
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2022-2-26

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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
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:2022-2-26

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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

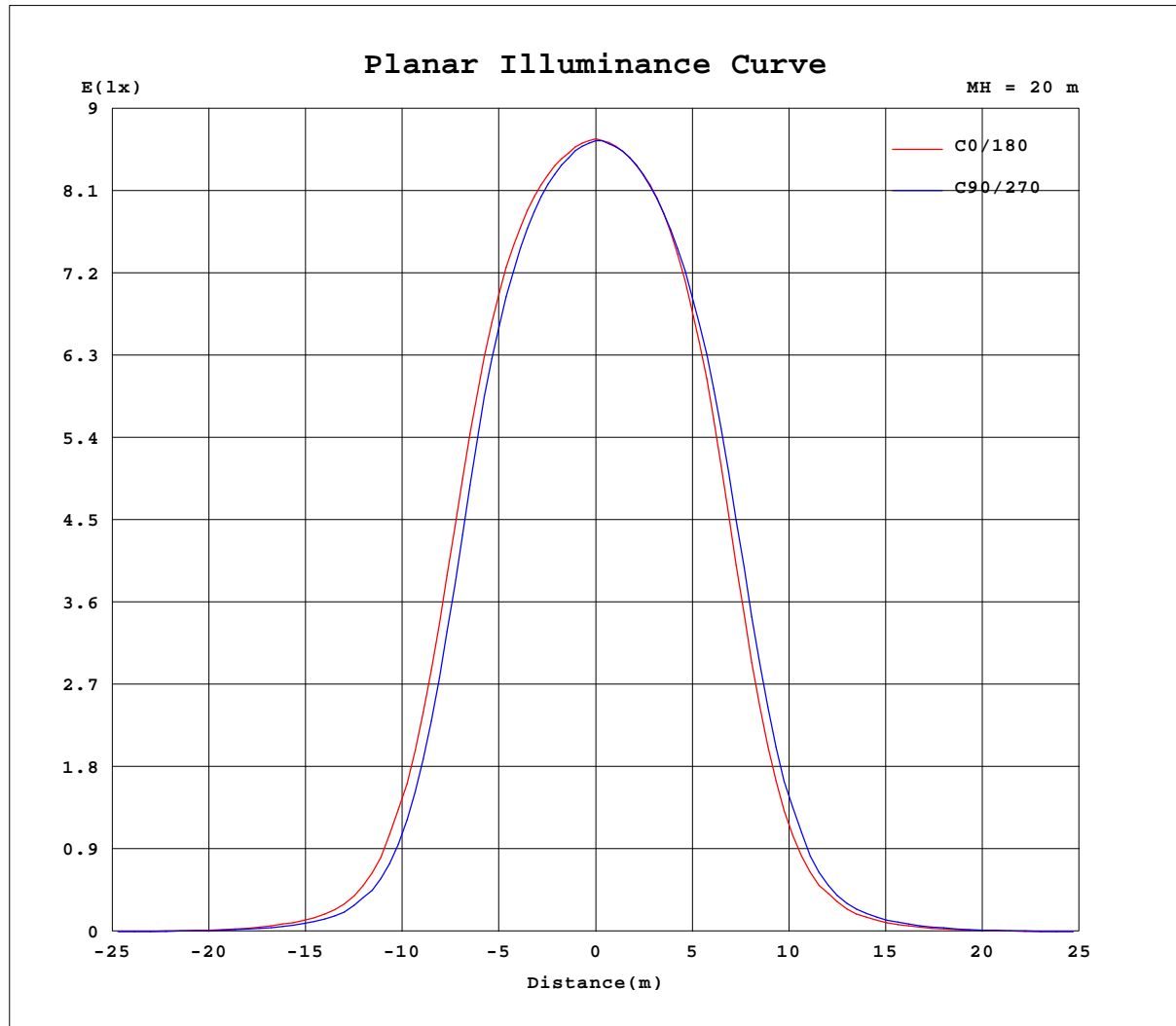
AvgL	cd/m2
L_0~180(65)av	268
L_0~180(75)av	61
L_0~180(85)av	154
L_90~270(65)av	217
L_90~270(75)av	39
L_90~270(85)av	126
L_45(65)av	190
L_45(75)av	31
L_45(85)av	78

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-2-26

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

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zoe
 Test Date: 2022-2-26

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:220.29V I:0.0972A P:20.739W PF:0.9662 Freq:49.99Hz Lamp Flux:2048.03x1 lm		
NAME: 2118.532-ACOT-37	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2202260111
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	3461	3461	3461	3461	3461	3461	3461	3461	3461	3461	3461	3461						
5	3410	3400	3389	3393	3411	3434	3417	3409	3422	3426	3439	3425						
10	3295	3252	3226	3221	3255	3319	3280	3238	3274	3290	3340	3335						
15	2951	2884	2810	2781	2812	2887	2854	2814	2901	2950	3005	3005						
20	2131	2057	1903	1832	1833	1909	1927	1925	2088	2171	2208	2174						
25	1063	1015	891	824	821	856	885	879	1034	1085	1119	1096						
30	394	366	312	279	265	293	312	317	387	399	422	411						
35	140	131	111	101	97.8	108	114	121	142	144	151	150						
40	56.0	52.1	43.9	40.7	39.8	43.1	45.2	49.0	57.4	57.8	59.4	59.0						
45	21.5	20.6	15.6	14.8	14.6	16.5	17.0	19.0	23.2	21.5	22.1	21.8						
50	7.75	7.28	5.76	5.74	5.53	5.93	6.13	8.08	9.21	7.77	7.03	7.73						
55	2.47	2.36	1.97	1.85	1.79	2.01	1.97	2.28	2.78	2.31	2.16	2.56						
60	0.90	0.93	1.03	0.82	0.77	0.82	0.80	0.87	0.96	0.87	0.83	0.77						
65	0.55	0.47	0.26	0.20	0.17	0.10	0.21	0.14	0.33	0.41	0.50	0.22						
70	0.07	0.04	0.03	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.04						
75	0.06	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.02	0.03	0.03	0.03						
80	0.27	0.03	0.03	0.03	0.03	0.03	0.04	0.02	0.02	0.04	0.02	0.03						
85	0.05	0.03	0.03	0.04	0.02	0.02	0.04	0.02	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
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Operators:Zoe
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g Range: 0 - 180DEG
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Humidity:65.0%
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Remarks: LAMP:CMU1013-0000-000N0U0A30G Ra:90
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DRIVER:9290 028 089 500mA
30minutes warm-up