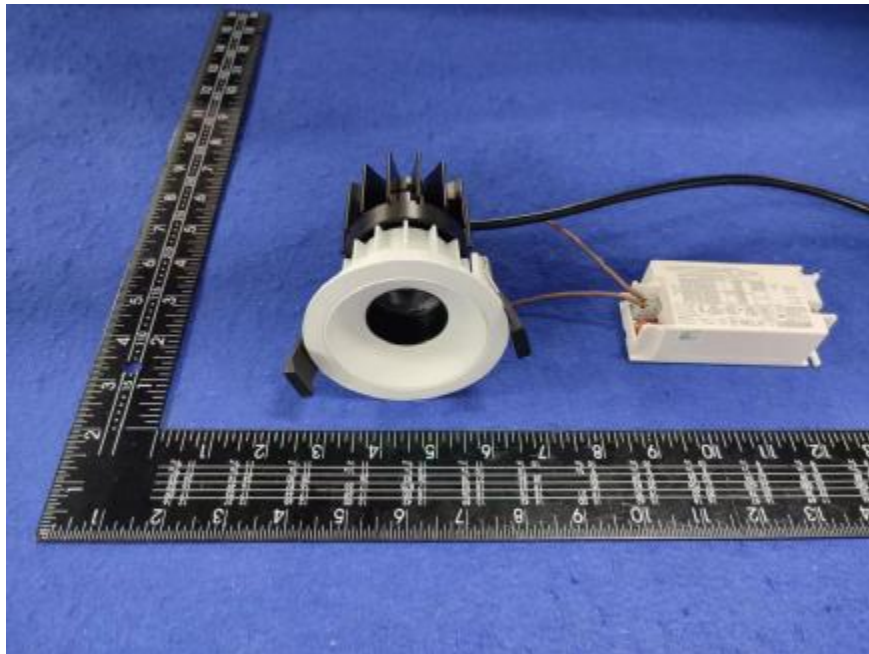


Luminaire Photograph



Light Output Ratio:	65.2%	
Luminaire Power:	13.86 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	0.30	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra:90
LENS: PM-1082 15R
DRIVER: IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

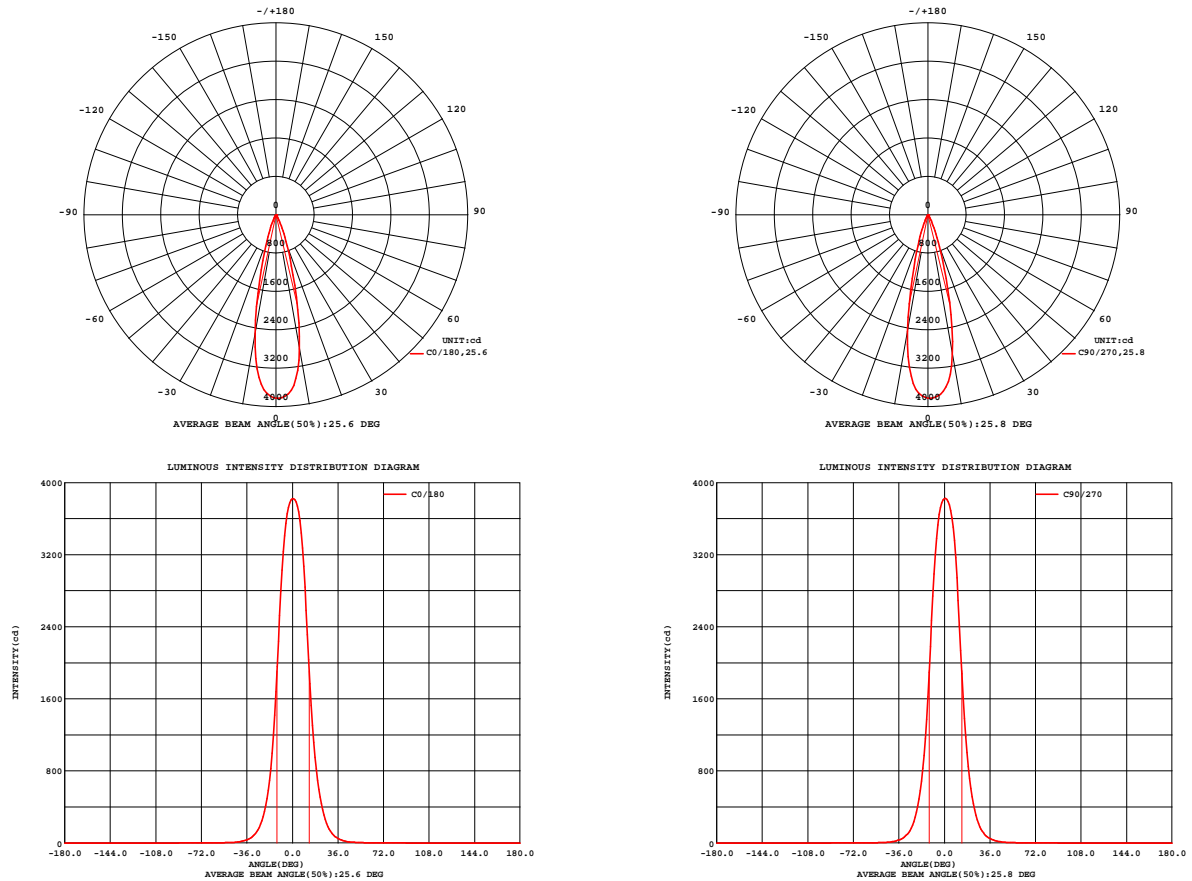


Fig. C0/C180

Fig. C90/C270

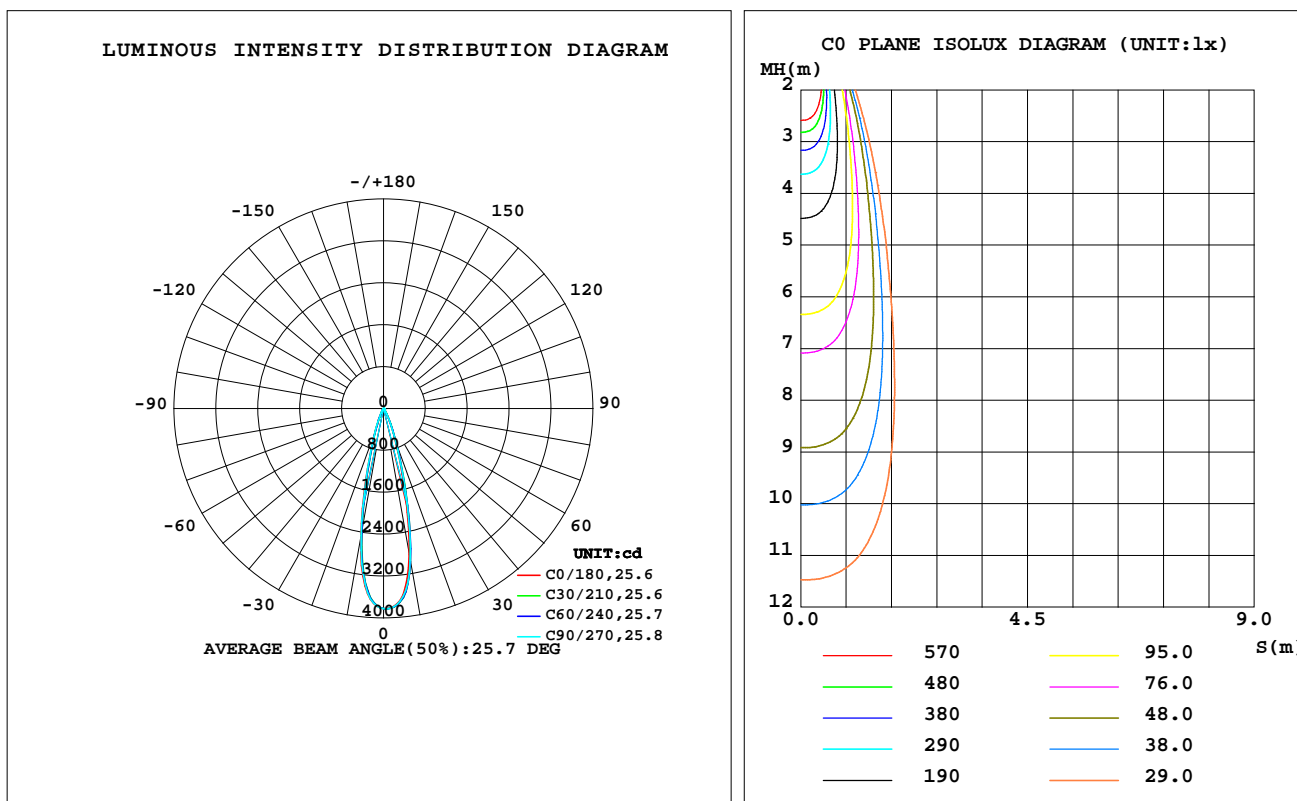
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra: 90
LENS: PM-1082 15R
DRIVER: IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041414
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.32 lm/W			
MODEL	CITIZEN	I _{max} (cd)	3826	S/MH(C0/180)	0.40
NOMINAL POWER(W)	14	LOR(%)	65.2	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	877.35	η UP,DN(C0-180)	0.0,35.5
NOMINAL FLUX(lm)	1345.45	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,29.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	65.2	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2839	2970	2945	2758	2524	2408	2467	2670	0- 10	316.1	316.1	36,23.5
20	694.9	745.4	715.1	604.1	493.1	453.0	489.2	609.7	10- 20	386.8	702.9	80.1,52.2
30	132.5	140.9	129.0	110.8	89.94	82.16	85.79	111.0	20- 30	128.0	830.9	94.7,61.8
40	28.12	29.78	28.06	23.66	18.99	17.28	17.58	22.89	30- 40	34.09	865.0	98.6,64.3
50	6.713	6.498	6.576	5.805	5.013	4.956	4.407	5.658	40- 50	8.668	873.7	99.6,64.9
60	1.096	1.292	1.305	1.187	0.9533	0.8010	0.7737	0.8977	50- 60	2.969	876.6	99.9,65.2
70	0.2365	0.2722	0.3000	0.2843	0.2331	0.1837	0.1745	0.1923	60- 70	0.5561	877.2	100,65.2
80	0.0637	0.0542	0.0691	0.0561	0.0624	0.0456	0.0543	0.0432	70- 80	0.1133	877.3	100,65.2
90	0	0	0	0	0	0	0	0	80- 90	0.0350	877.4	100,65.2
100	0	0	0	0	0	0	0	0	90-100	0	877.4	100,65.2
110	0	0	0	0	0	0	0	0	100-110	0	877.4	100,65.2
120	0	0	0	0	0	0	0	0	110-120	0	877.4	100,65.2
130	0	0	0	0	0	0	0	0	120-130	0	877.4	100,65.2
140	0	0	0	0	0	0	0	0	130-140	0	877.4	100,65.2
150	0	0	0	0	0	0	0	0	140-150	0	877.4	100,65.2
160	0	0	0	0	0	0	0	0	150-160	0	877.4	100,65.2
170	0	0	0	0	0	0	0	0	160-170	0	877.4	100,65.2
180	0	0	0	0	0	0	0	0	170-180	0	877.4	100,65.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz
Lamp Flux:1345.45x1 lm

NAME: 2318.110-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

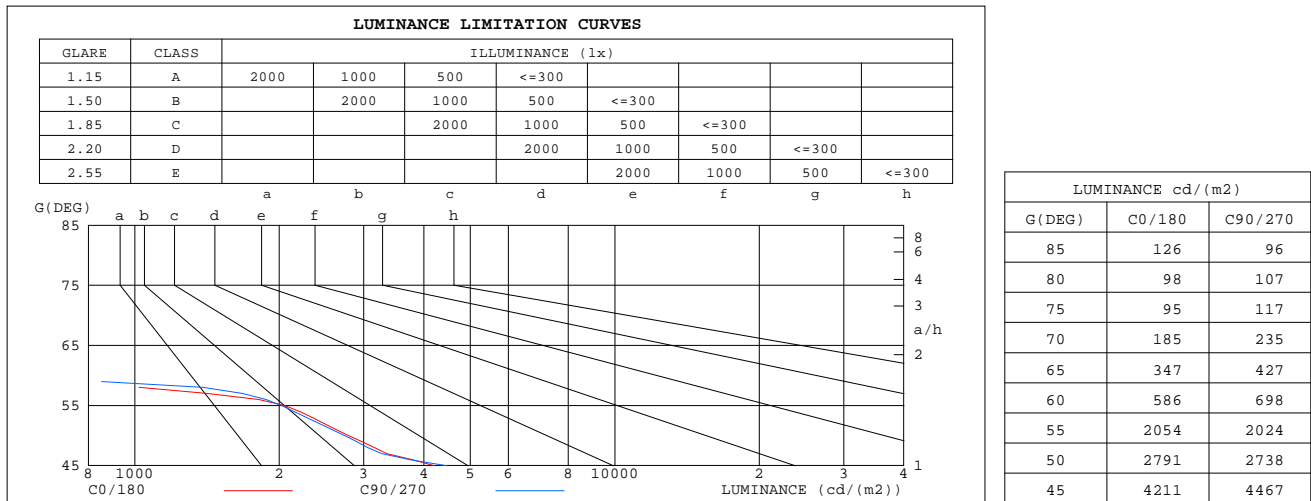
DIM.:

SERIAL No.: 2312041414

MFR.: RISE

SUR.: 0.003737385m2

Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz
Lamp Flux:1345.45lx1 lm

NAME: 2318.110-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

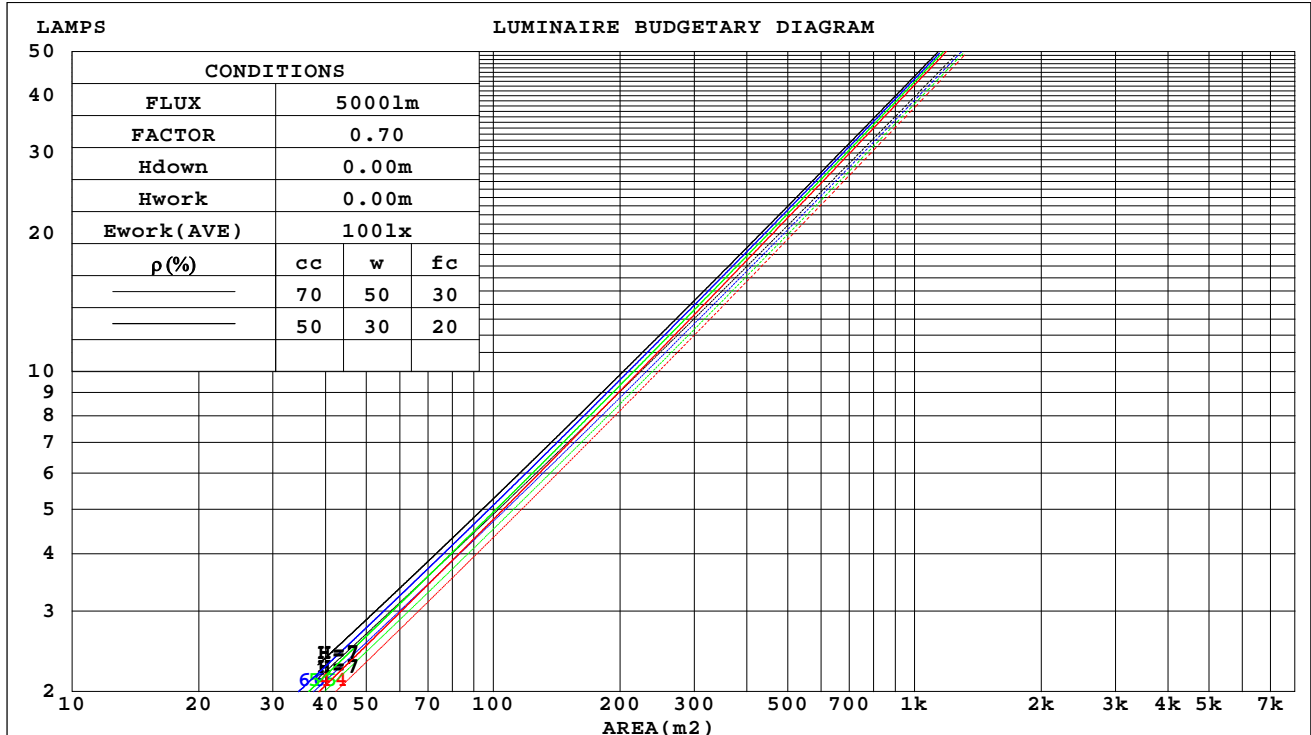
SERIAL No.: 2312041414

MFR.: RISE

SUR.: 0.003737385m2

Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	.78	.78	.78	.76	.76	.76	.72	.72	.72	.69	.69	.69	.67	.67	.67	.65
1.0	.74	.72	.71	.72	.71	.70	.70	.69	.68	.67	.67	.66	.65	.65	.64	.63
2.0	.70	.68	.67	.69	.67	.66	.67	.66	.65	.65	.64	.63	.64	.63	.62	.61
3.0	.67	.65	.63	.66	.64	.63	.65	.63	.62	.63	.62	.61	.62	.61	.60	.59
4.0	.65	.62	.60	.64	.62	.60	.63	.61	.59	.61	.60	.58	.60	.59	.58	.57
5.0	.62	.60	.58	.62	.59	.57	.61	.59	.57	.60	.58	.56	.59	.57	.56	.55
6.0	.60	.57	.56	.60	.57	.55	.59	.57	.55	.58	.56	.55	.57	.56	.54	.54
7.0	.58	.56	.54	.58	.55	.54	.57	.55	.53	.56	.54	.53	.56	.54	.53	.52
8.0	.56	.54	.52	.56	.54	.52	.56	.53	.52	.55	.53	.51	.54	.53	.51	.51
9.0	.55	.52	.50	.55	.52	.50	.54	.52	.50	.54	.52	.50	.53	.51	.50	.49
10.0	.53	.51	.49	.53	.51	.49	.53	.50	.49	.52	.50	.49	.52	.50	.49	.48



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

WEC AND CCEC

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041414
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.089	.050	.016	.084	.048	.015	.076	.044	.014	.069	.040	.013	.062	.036	.012	
2.0	.082	.045	.014	.079	.043	.013	.072	.040	.012	.066	.037	.012	.060	.034	.011	
3.0	.077	.041	.012	.074	.040	.012	.068	.037	.011	.063	.035	.011	.058	.032	.010	
4.0	.072	.037	.011	.069	.036	.011	.065	.034	.010	.060	.032	.010	.056	.031	.009	
5.0	.068	.035	.010	.066	.034	.010	.062	.032	.009	.058	.031	.009	.054	.029	.009	
6.0	.064	.032	.009	.062	.031	.009	.059	.030	.009	.056	.029	.009	.053	.028	.008	
7.0	.061	.030	.009	.059	.030	.008	.056	.029	.008	.054	.027	.008	.051	.026	.008	
8.0	.058	.028	.008	.057	.028	.008	.054	.027	.008	.052	.026	.008	.049	.025	.007	
9.0	.055	.027	.007	.054	.026	.007	.052	.026	.007	.050	.025	.007	.048	.024	.007	
10.0	.053	.025	.007	.052	.025	.007	.050	.025	.007	.048	.024	.007	.046	.023	.007	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.124	.124	.124	.106	.106	.106	.072	.072	.072	.042	.042	.042	.013	.013	.013	
1.0	.110	.103	.097	.094	.088	.083	.064	.061	.057	.037	.035	.033	.012	.011	.011	
2.0	.098	.087	.077	.084	.074	.067	.057	.052	.046	.033	.030	.027	.011	.010	.009	
3.0	.088	.074	.062	.076	.064	.054	.052	.044	.038	.030	.026	.022	.010	.008	.007	
4.0	.080	.064	.052	.069	.055	.045	.047	.038	.032	.027	.023	.019	.009	.007	.006	
5.0	.073	.056	.043	.063	.048	.037	.043	.034	.026	.025	.020	.016	.008	.006	.005	
6.0	.067	.049	.036	.058	.043	.032	.040	.030	.022	.023	.018	.013	.007	.006	.004	
7.0	.062	.044	.031	.054	.038	.027	.037	.027	.019	.022	.016	.011	.007	.005	.004	
8.0	.058	.040	.027	.050	.034	.023	.035	.024	.017	.020	.014	.010	.007	.005	.003	
9.0	.054	.036	.023	.047	.031	.020	.032	.022	.014	.019	.013	.009	.006	.004	.003	
10.0	.051	.033	.020	.044	.028	.018	.031	.020	.013	.018	.012	.008	.006	.004	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm										
NAME: 2318.110-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312041414		
MFR.: RISE					SUR.: 0.003737385m2			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	8.3	9.0	8.5	9.1	9.3	8.2	8.8	8.4	9.0	9.1
3H	8.2	8.8	8.4	9.0	9.2	8.1	8.7	8.3	8.8	9.0
4H	8.1	8.7	8.4	8.9	9.1	8.0	8.6	8.2	8.8	9.0
6H	8.0	8.6	8.3	8.8	9.0	7.9	8.4	8.2	8.7	8.9
8H	8.0	8.5	8.3	8.7	9.0	7.9	8.4	8.1	8.6	8.9
12H	7.9	8.4	8.2	8.7	9.0	7.8	8.3	8.1	8.6	8.8
4H 2H	8.1	8.7	8.4	8.9	9.1	8.0	8.6	8.3	8.8	9.0
3H	8.0	8.5	8.3	8.7	9.0	7.8	8.3	8.1	8.6	8.9
4H	7.9	8.3	8.2	8.6	8.9	7.7	8.2	8.1	8.5	8.8
6H	7.8	8.2	8.1	8.5	8.8	7.6	8.1	8.0	8.4	8.7
8H	7.7	8.1	8.1	8.4	8.8	7.6	8.0	8.0	8.3	8.7
12H	7.7	8.0	8.1	8.4	8.8	7.5	7.9	7.9	8.3	8.6
8H 4H	7.7	8.1	8.1	8.4	8.8	7.6	8.0	8.0	8.3	8.7
6H	7.6	7.9	8.0	8.3	8.7	7.5	7.8	7.9	8.2	8.6
8H	7.5	7.8	8.0	8.2	8.7	7.4	7.7	7.9	8.1	8.5
12H	7.5	7.7	7.9	8.2	8.6	7.4	7.6	7.8	8.0	8.5
12H 4H	7.6	8.0	8.1	8.4	8.8	7.5	7.9	7.9	8.3	8.6
6H	7.5	7.8	8.0	8.2	8.7	7.4	7.7	7.9	8.1	8.5
8H	7.5	7.7	7.9	8.2	8.6	7.4	7.6	7.8	8.0	8.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.1 / - 8.5					+ 3.1 / - 7.7				
1.5H	+ 5.1 / - 5.2					+ 5.1 / - 4.8				
2.0H	+ 4.4 / - 8.4					+ 4.6 / - 8.1				

CIE Pub.117, 1345 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.0)
Area: 0.00373738 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041414
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

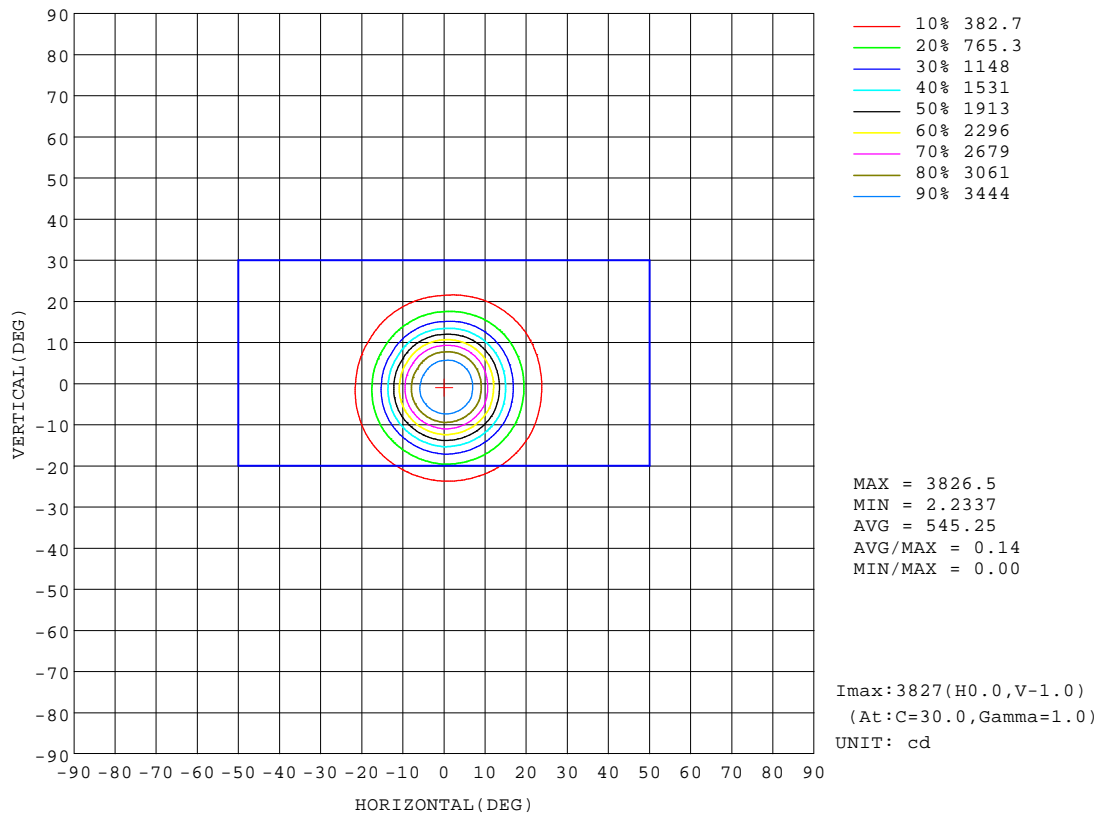
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	55	53	59	55	53	58	55	53	51
0.80	64	60	58	63	60	58	63	60	58	56
1.00	66	63	61	66	63	61	65	62	60	58
1.25	69	65	63	68	65	63	67	64	63	60
1.50	70	67	65	69	67	65	68	66	64	62
2.00	72	69	67	71	68	67	69	67	66	62
2.50	73	70	69	72	69	68	70	68	67	63
3.00	73	71	70	72	70	69	70	69	68	64
4.00	75	73	72	73	72	71	71	70	69	65
5.00	75	74	73	74	73	72	71	71	70	65
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:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041414
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

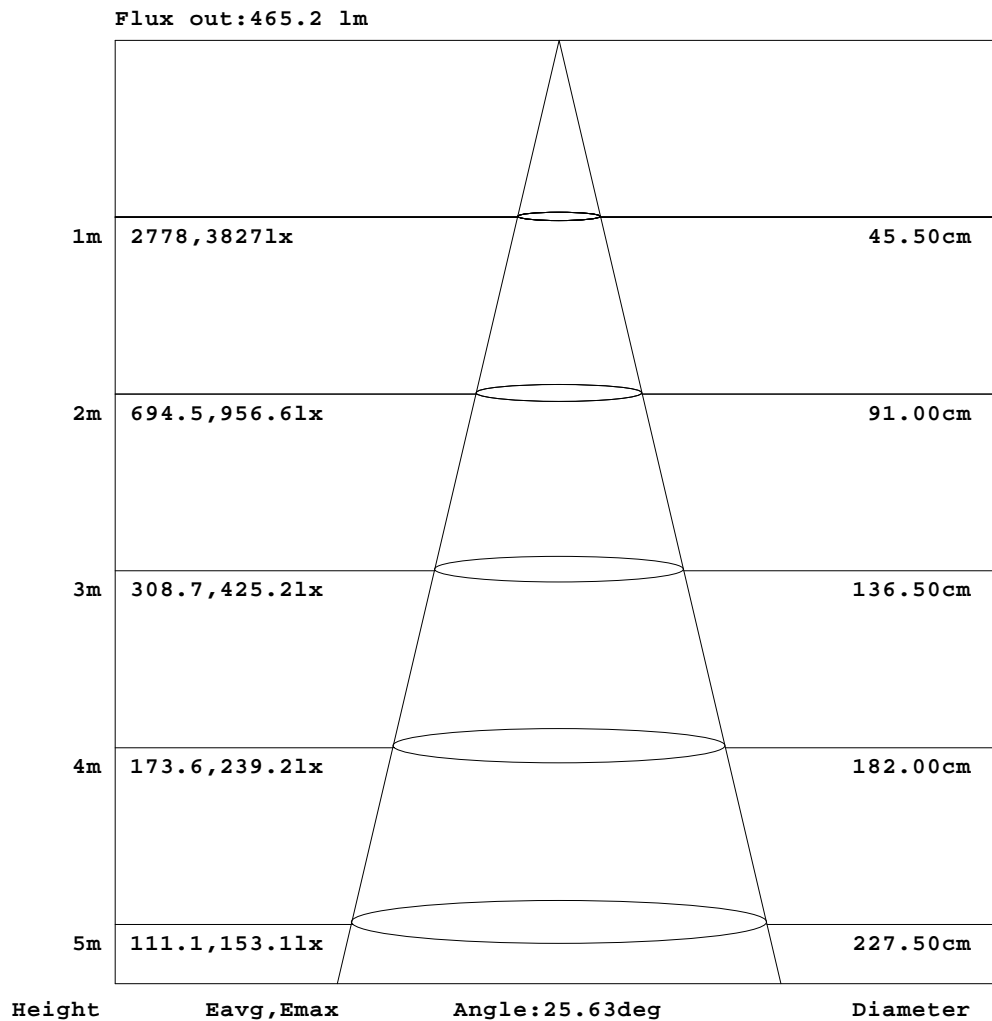


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

AAI Figure

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041414
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:



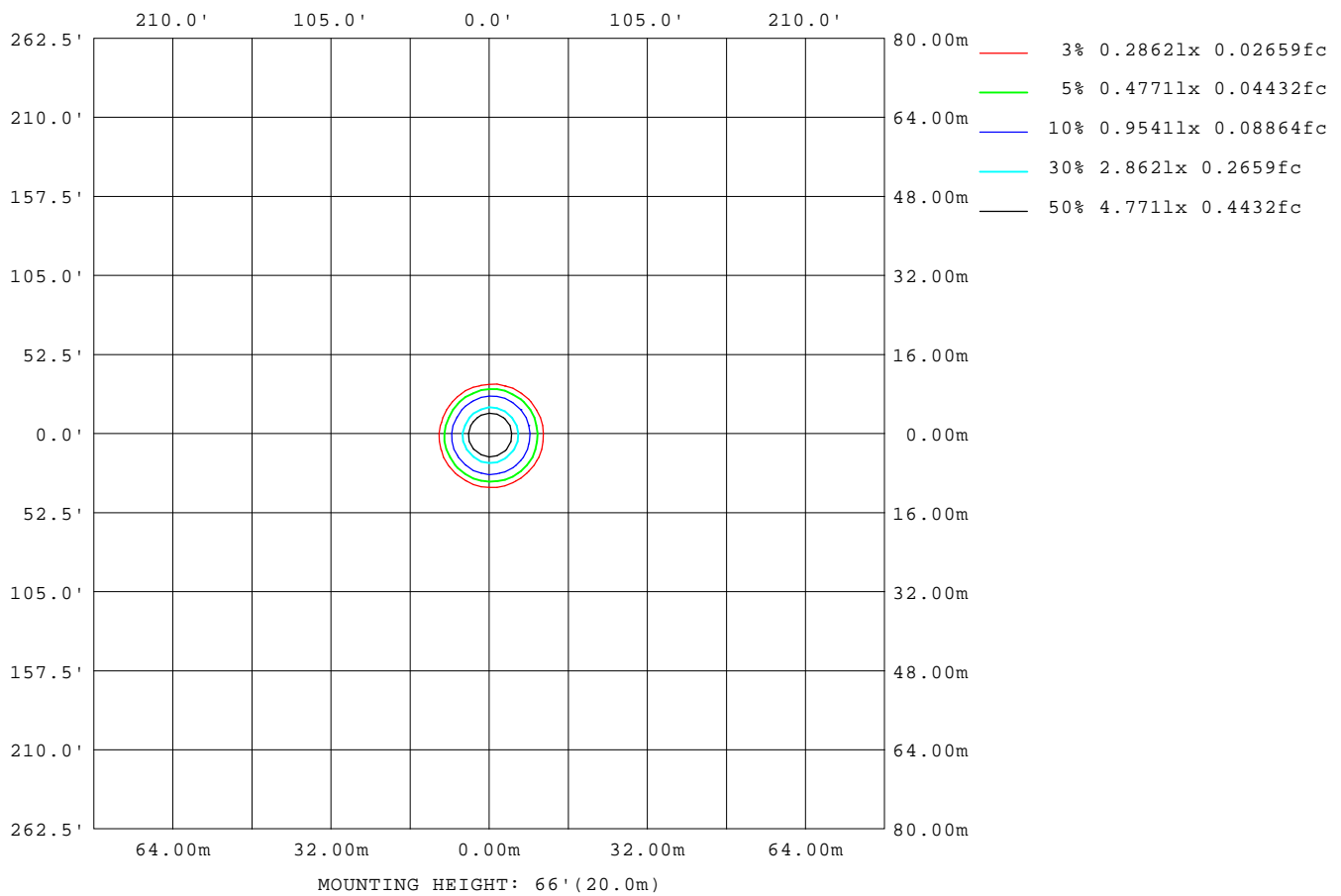
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra: 90
LENS: PM-1082 15R
DRIVER: IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041414
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

LED Avg.L Report

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041414
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

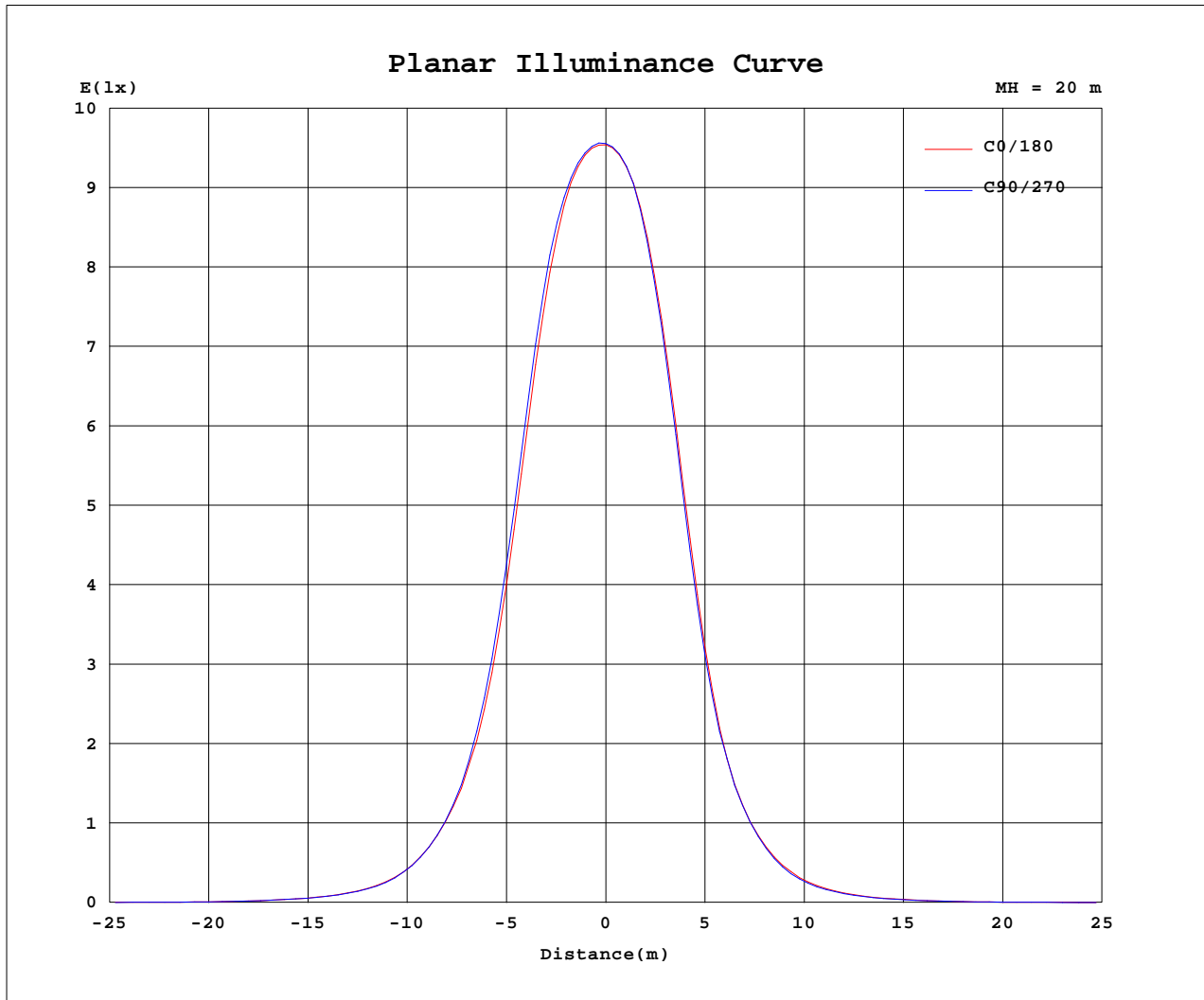
AvgL	cd/m2
L_0~180(65)av	337
L_0~180(75)av	94
L_0~180(85)av	125
L_90~270(65)av	340
L_90~270(75)av	93
L_90~270(85)av	104
L_45(65)av	337
L_45(75)av	86
L_45(85)av	82

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators: zoe
 Test Date: 2023-12-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra:90
 LENS: PM-1082 15R
 DRIVER: IT FIT 20/220-240/500 CS 350mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.24V I:0.0647A P:13.856W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041414
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3822	3822	3822	3822	3822	3822	3822	3822	3822	3822	3822	3822						
5	3674	3707	3702	3690	3654	3619	3546	3491	3503	3528	3591	3640						
10	2839	2965	2975	2945	2826	2689	2524	2398	2419	2467	2607	2732						
15	1525	1655	1648	1616	1477	1348	1191	1080	1107	1157	1302	1421						
20	695	748	742	715	636	572	493	447	459	489	575	645						
25	311	336	327	307	273	243	210	186	189	196	240	284						
30	133	143	139	129	117	105	89.9	82.1	82.3	85.8	102	120						
35	60.8	65.3	63.5	59.4	54.2	47.7	41.1	37.2	37.7	38.7	46.0	54.6						
40	28.1	30.1	29.4	28.1	25.5	21.9	19.0	17.3	17.3	17.6	20.8	25.0						
45	11.1	12.0	12.1	11.8	10.4	8.63	7.64	7.67	7.59	7.20	8.08	9.81						
50	6.71	6.42	6.58	6.58	6.21	5.40	5.01	5.00	4.91	4.41	5.11	6.21						
55	4.41	4.06	4.21	4.34	4.09	3.38	3.05	3.03	2.74	2.32	2.75	3.88						
60	1.10	1.25	1.33	1.30	1.25	1.13	0.95	0.82	0.78	0.77	0.85	0.95						
65	0.55	0.61	0.65	0.67	0.65	0.61	0.52	0.43	0.40	0.40	0.42	0.48						
70	0.24	0.26	0.29	0.30	0.29	0.28	0.23	0.19	0.18	0.17	0.18	0.20						
75	0.09	0.09	0.10	0.11	0.10	0.10	0.09	0.07	0.07	0.07	0.06	0.07						
80	0.06	0.05	0.06	0.07	0.06	0.06	0.06	0.05	0.04	0.05	0.04	0.04						
85	0.04	0.03	0.04	0.03	0.02	0.03	0.04	0.03	0.03	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
Test Date:2023-12-4

γ Range: 0 - 180DEG
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Humidity:65.0%
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