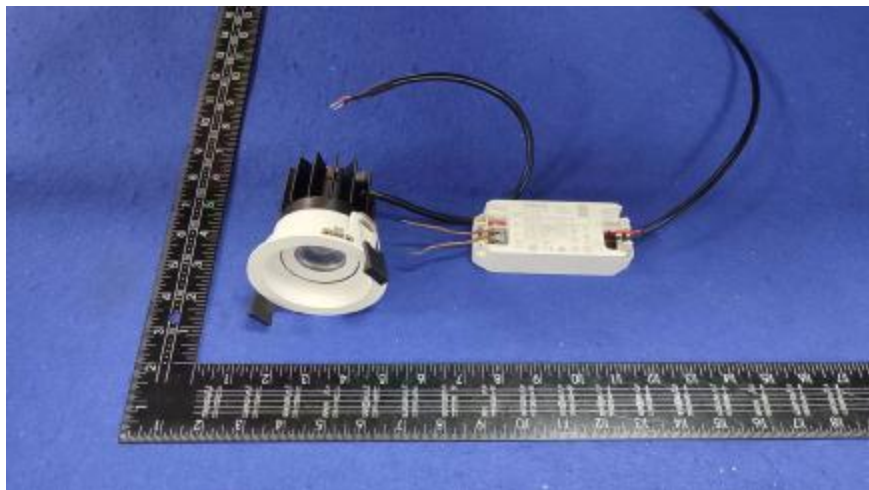


Luminaire Photograph



Light Output Ratio:	72.1%	
Luminaire Power:	14.52 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: 2023-2-21

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: CLU028-1204C4-303H5M3-F1 Ra:90
LENS: PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

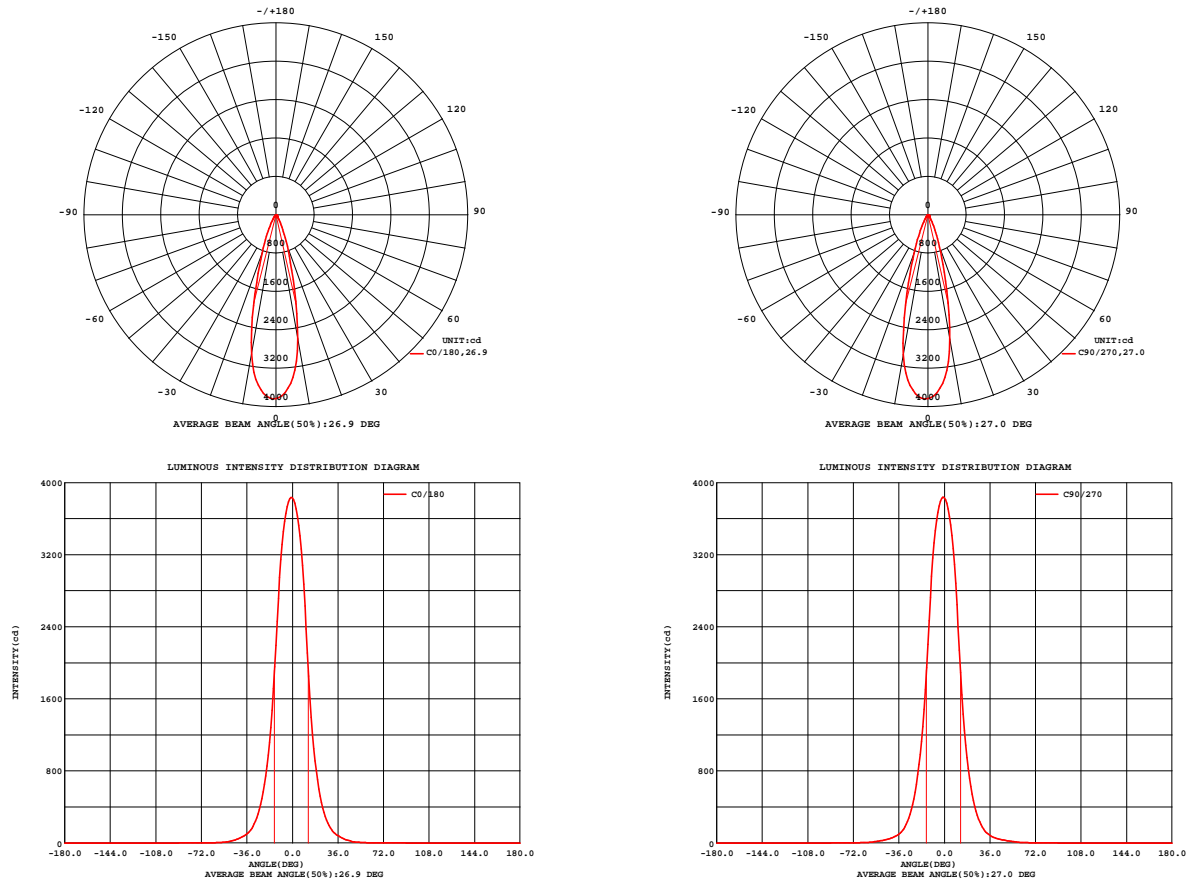


Fig. C0/C180

Fig. C90/C270

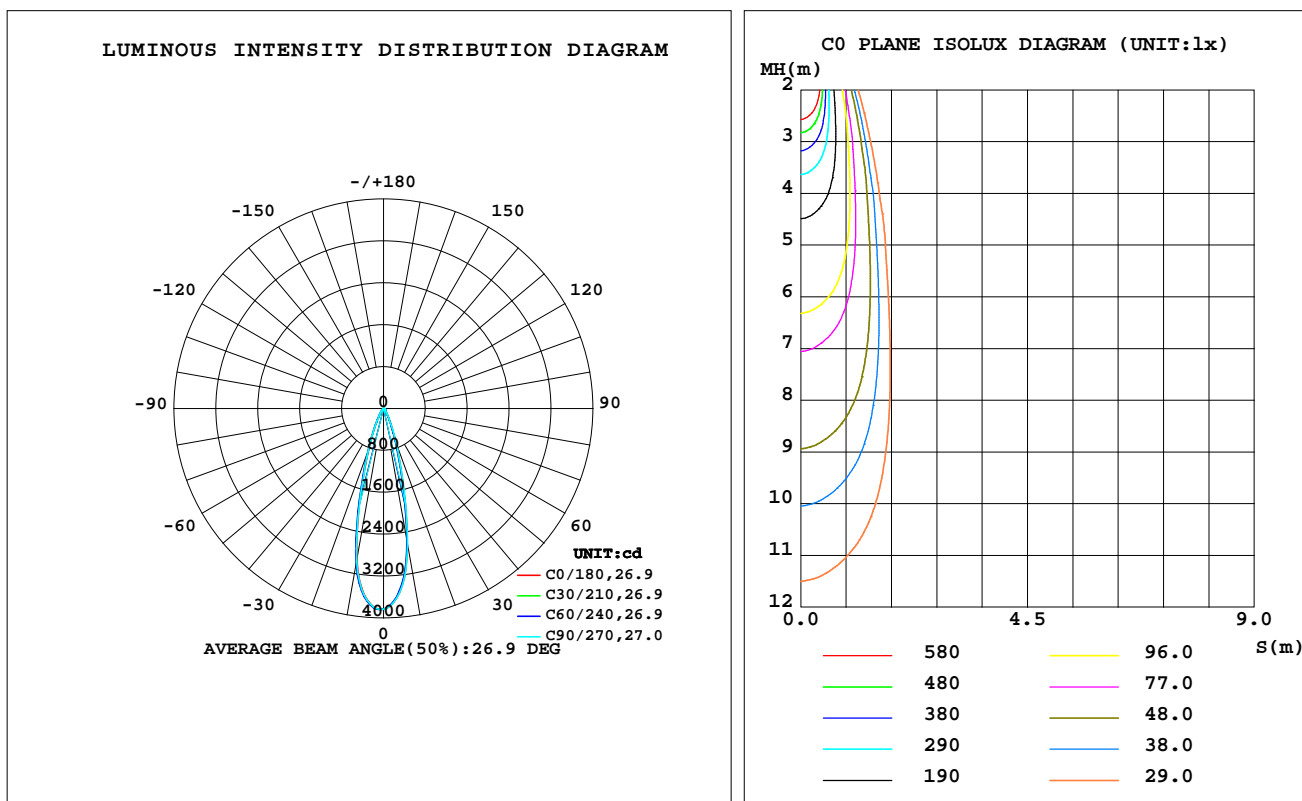
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: Zoe
Test Date: 2023-2-21

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: CLU028-1204C4-303H5M3-F1 Ra: 90
LENS: PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm		
NAME: 2218.143-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2302210179
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.68 lm/W			
MODEL	CITIZEN	I _{max} (cd)	3841	S/MH(C0/180)	0.46
NOMINAL POWER(W)	15	LOR(%)	72.1	S/MH(C90/270)	0.46
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1055.1	UP,DN(C0-180)	0.0,34.0
NOMINAL FLUX(lm)	1463.29	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,38.1
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	down(%)	72.1	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2023-2-21

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:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	2630	2580	2643	2756	2947	3006	2960	2838	0- 10	318.6	318.6	30.2,21.8
20	702.3	674.0	719.6	779.4	852.9	886.0	871.5	797.0	10- 20	435.2	753.7	71.4,51.5
30	168.8	163.5	175.7	194.8	214.1	214.1	207.6	195.3	20- 30	186.1	939.8	89.1,64.2
40	50.62	54.15	57.52	61.93	66.50	65.55	64.79	61.44	30- 40	67.46	1007	95.5,68.8
50	9.985	23.36	24.47	26.12	16.94	26.17	25.40	25.07	40- 50	30.13	1037	98.3,70.9
60	3.276	6.497	6.932	7.211	4.043	7.004	6.618	6.559	50- 60	12.09	1049	99.5,71.7
70	1.349	1.675	2.028	2.027	1.572	1.916	1.811	1.588	60- 70	3.885	1053	99.8,72
80	0.5901	0.8490	1.045	0.9537	0.7045	0.8567	0.8814	0.7773	70- 80	1.308	1055	100,72.1
90	0	0	0	0	0	0	0	0	80- 90	0.4391	1055	100,72.1
100	0	0	0	0	0	0	0	0	90-100	0	1055	100,72.1
110	0	0	0	0	0	0	0	0	100-110	0	1055	100,72.1
120	0	0	0	0	0	0	0	0	110-120	0	1055	100,72.1
130	0	0	0	0	0	0	0	0	120-130	0	1055	100,72.1
140	0	0	0	0	0	0	0	0	130-140	0	1055	100,72.1
150	0	0	0	0	0	0	0	0	140-150	0	1055	100,72.1
160	0	0	0	0	0	0	0	0	150-160	0	1055	100,72.1
170	0	0	0	0	0	0	0	0	160-170	0	1055	100,72.1
180	0	0	0	0	0	0	0	0	170-180	0	1055	100,72.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2023-2-21

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:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz
Lamp Flux:1463.29x1 lm

NAME: 2218.143-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

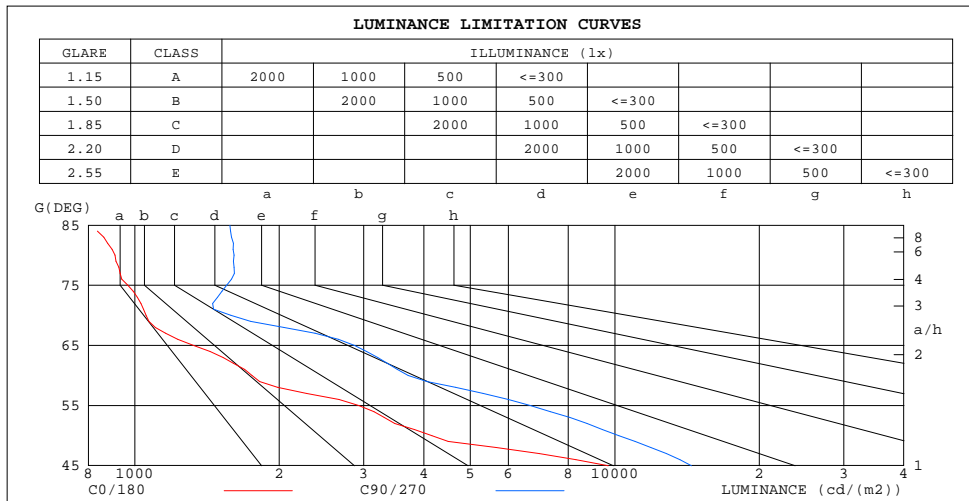
DIM.:

SERIAL No.: 2302210179

MFR.: RISE

SUR.: 0.003737385m2

Shielding Angle:



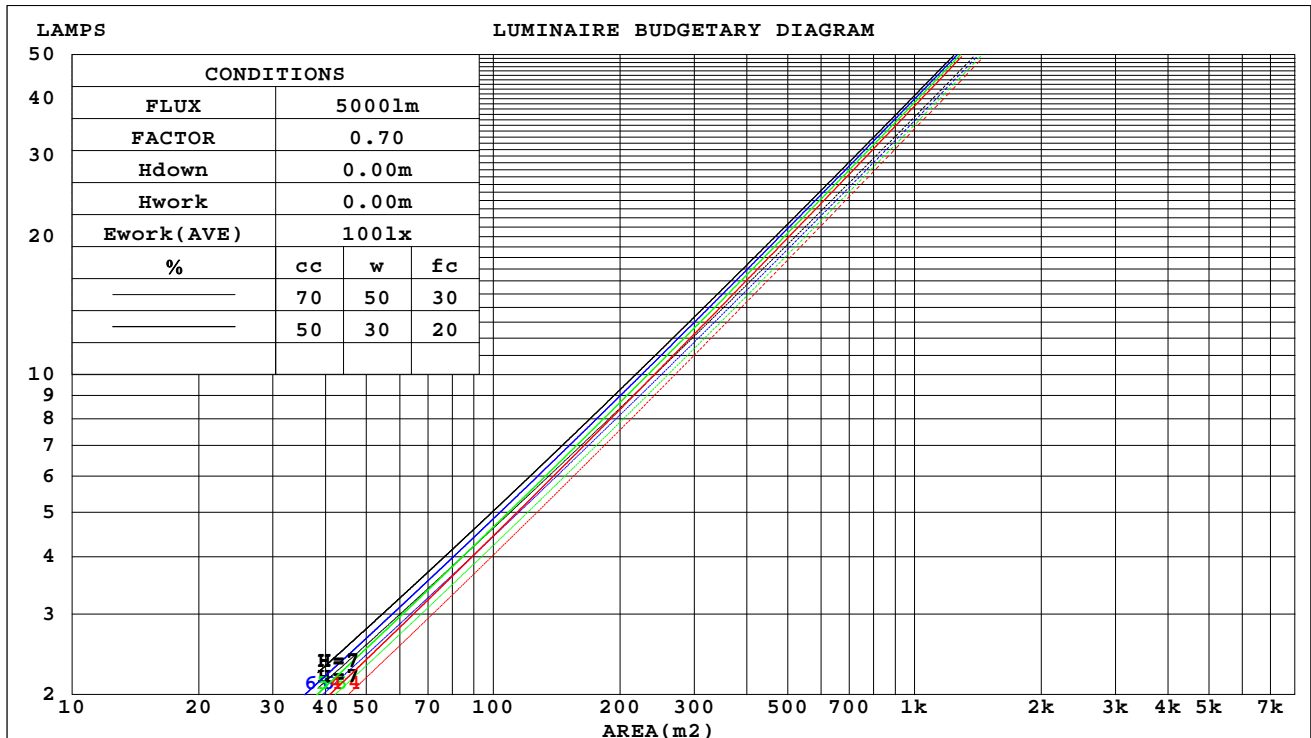
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2023-2-21

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:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm		
NAME: 2218.143-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2302210179
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	.86	.86	.86	.84	.84	.84	.80	.80	.80	.77	.77	.77	.74	.74	.74	.72
1.0	.81	.80	.78	.79	.78	.77	.77	.76	.75	.74	.73	.72	.71	.71	.70	.69
2.0	.77	.74	.72	.76	.73	.72	.73	.72	.70	.71	.70	.69	.69	.68	.67	.66
3.0	.73	.70	.68	.72	.69	.67	.70	.68	.66	.69	.67	.65	.67	.66	.64	.63
4.0	.70	.67	.64	.69	.66	.64	.67	.65	.63	.66	.64	.62	.65	.63	.62	.61
5.0	.67	.64	.61	.66	.63	.61	.65	.62	.60	.64	.62	.60	.63	.61	.59	.58
6.0	.64	.61	.58	.64	.60	.58	.63	.60	.58	.62	.59	.57	.61	.59	.57	.56
7.0	.62	.58	.56	.61	.58	.56	.60	.58	.56	.60	.57	.55	.59	.57	.55	.54
8.0	.60	.56	.54	.59	.56	.54	.58	.56	.54	.58	.55	.53	.57	.55	.53	.52
9.0	.57	.54	.52	.57	.54	.52	.57	.54	.52	.56	.53	.52	.56	.53	.52	.51
10.0	.56	.52	.50	.55	.52	.50	.55	.52	.50	.54	.52	.50	.54	.52	.50	.49



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Zoe
Test Date: 2023-2-21

```

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:CLU028-1204C4-303H5M3-F1 Ra:90
          LENS:PM-1082 15R
          DRIVER: 9290 028 088 350mA
          30minutes warm-up

```

WEC AND CCEC

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm		
NAME: 2218.143-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2302210179
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.107	.061	.019	.102	.058	.018	.093	.053	.017	.085	.049	.016	.077	.045	.014	
2.0	.100	.055	.017	.096	.053	.016	.088	.049	.015	.081	.046	.014	.075	.042	.013	
3.0	.093	.050	.015	.090	.048	.015	.084	.045	.014	.078	.043	.013	.073	.040	.012	
4.0	.088	.046	.013	.085	.045	.013	.080	.042	.013	.075	.040	.012	.070	.038	.012	
5.0	.083	.042	.012	.081	.041	.012	.076	.040	.012	.072	.038	.011	.068	.036	.011	
6.0	.079	.039	.011	.077	.039	.011	.073	.037	.011	.069	.036	.011	.066	.035	.010	
7.0	.075	.037	.010	.073	.036	.010	.070	.035	.010	.066	.034	.010	.063	.033	.010	
8.0	.071	.035	.010	.070	.034	.010	.067	.033	.010	.064	.032	.009	.061	.031	.009	
9.0	.068	.033	.009	.067	.033	.009	.064	.032	.009	.062	.031	.009	.059	.030	.009	
10.0	.065	.031	.009	.064	.031	.009	.062	.030	.009	.059	.029	.008	.057	.029	.008	

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.137	.137	.137	.117	.117	.117	.080	.080	.080	.046	.046	.046	.015	.015	.015	
1.0	.122	.114	.106	.104	.098	.091	.071	.067	.063	.041	.039	.037	.013	.012	.012	
2.0	.109	.096	.084	.094	.082	.073	.064	.057	.051	.037	.033	.030	.012	.011	.010	
3.0	.099	.082	.068	.085	.071	.059	.058	.049	.041	.034	.029	.024	.011	.009	.008	
4.0	.090	.071	.056	.078	.061	.048	.053	.043	.034	.031	.025	.020	.010	.008	.007	
5.0	.083	.062	.046	.071	.054	.040	.049	.037	.028	.029	.022	.017	.009	.007	.006	
6.0	.077	.055	.039	.066	.048	.034	.046	.033	.024	.027	.020	.014	.009	.006	.005	
7.0	.072	.049	.033	.062	.043	.029	.043	.030	.021	.025	.018	.012	.008	.006	.004	
8.0	.067	.044	.029	.058	.038	.025	.040	.027	.018	.023	.016	.011	.008	.005	.003	
9.0	.063	.040	.025	.054	.035	.022	.038	.025	.015	.022	.015	.009	.007	.005	.003	
10.0	.060	.037	.022	.051	.032	.019	.036	.023	.014	.021	.013	.008	.007	.004	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2023-2-21

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:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm										
NAME: 2218.143-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2302210179		
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	11.1	11.9	11.4	12.0	12.2	11.8	12.5	12.0	12.7	12.9
3H	11.1	11.7	11.3	11.9	12.1	11.8	12.5	12.0	12.7	12.8
4H	11.0	11.6	11.3	11.8	12.1	11.8	12.4	12.0	12.6	12.8
6H	10.9	11.5	11.2	11.8	12.0	11.7	12.3	12.0	12.6	12.8
8H	10.9	11.5	11.2	11.7	12.0	11.7	12.3	12.0	12.5	12.8
12H	10.9	11.4	11.2	11.7	12.0	11.7	12.2	12.0	12.5	12.8
4H 2H	11.1	11.7	11.3	11.9	12.1	11.7	12.4	12.0	12.6	12.8
3H	11.0	11.5	11.3	11.8	12.1	11.7	12.3	12.0	12.5	12.8
4H	10.9	11.4	11.3	11.7	12.0	11.7	12.2	12.0	12.5	12.8
6H	10.9	11.3	11.2	11.7	12.0	11.7	12.1	12.0	12.4	12.8
8H	10.8	11.3	11.2	11.6	12.0	11.6	12.1	12.0	12.4	12.8
12H	10.8	11.2	11.2	11.5	11.9	11.6	12.0	12.0	12.4	12.8
8H 4H	10.8	11.2	11.2	11.6	11.9	11.5	12.0	11.9	12.3	12.7
6H	10.8	11.1	11.2	11.5	11.9	11.6	11.9	12.0	12.3	12.7
8H	10.7	11.0	11.2	11.5	11.9	11.6	11.9	12.0	12.3	12.7
12H	10.7	11.0	11.2	11.4	11.9	11.5	11.8	12.0	12.2	12.7
12H 4H	10.8	11.2	11.2	11.5	11.9	11.5	11.9	11.9	12.3	12.6
6H	10.7	11.0	11.2	11.4	11.9	11.5	11.8	11.9	12.2	12.7
8H	10.7	11.0	11.2	11.4	11.9	11.5	11.8	12.0	12.2	12.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.4 / - 5.5					+ 2.1 / - 3.4				
1.5H	+ 3.3 / - 5.5					+ 2.8 / - 2.7				
2.0H	+ 3.7 / - 5.5					+ 3.7 / - 3.6				

CIE Pub.117, 1463 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.3)
Area: 0.00373738 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2023-2-21

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:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm		
NAME: 2218.143-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2302210179
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

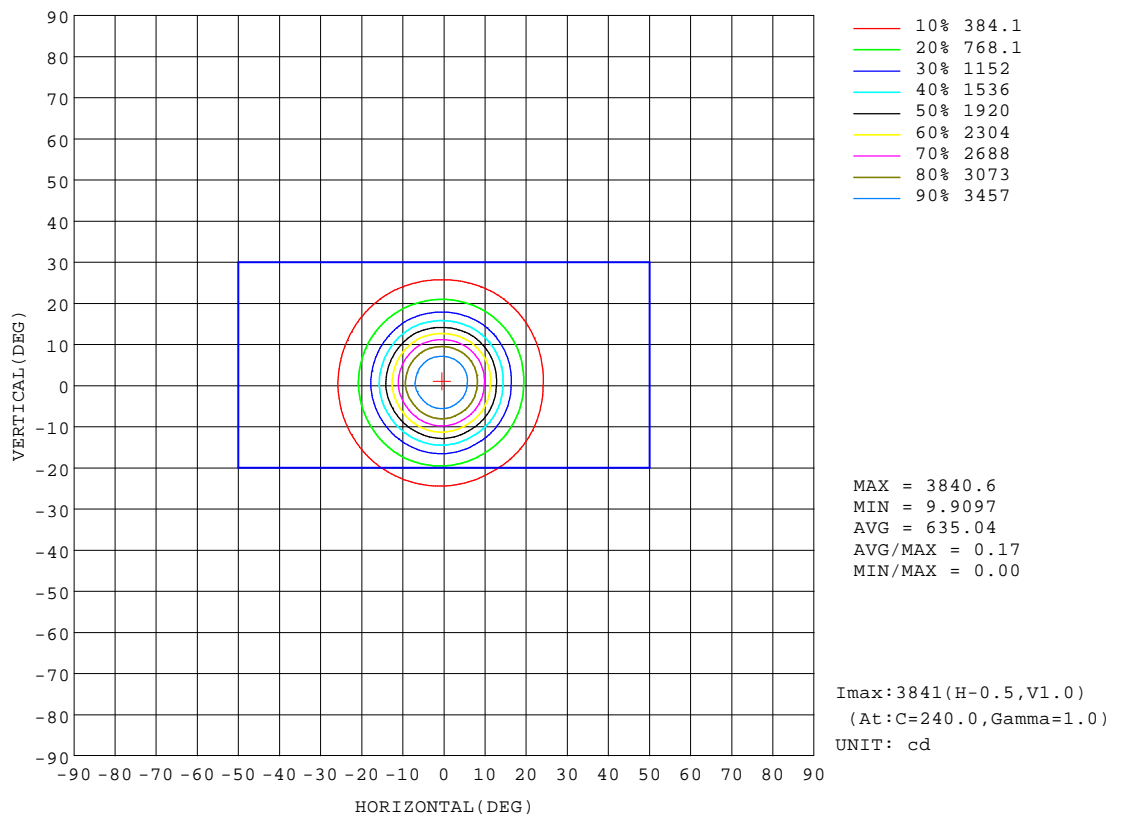
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	64	60	57	64	59	57	63	59	57	54
0.80	69	65	63	69	65	62	68	64	62	60
1.00	72	68	66	72	68	66	71	68	65	63
1.25	75	71	69	74	71	69	73	70	68	65
1.50	77	74	71	76	73	71	74	72	70	67
2.00	79	76	74	78	75	73	76	74	72	68
2.50	80	77	75	79	76	74	76	75	73	69
3.00	81	79	77	80	77	76	77	76	74	70
4.00	82	80	79	81	79	78	78	77	76	71
5.00	83	82	80	82	80	79	79	78	77	72
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:2023-2-21

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:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm		
NAME: 2218.143-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2302210179
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

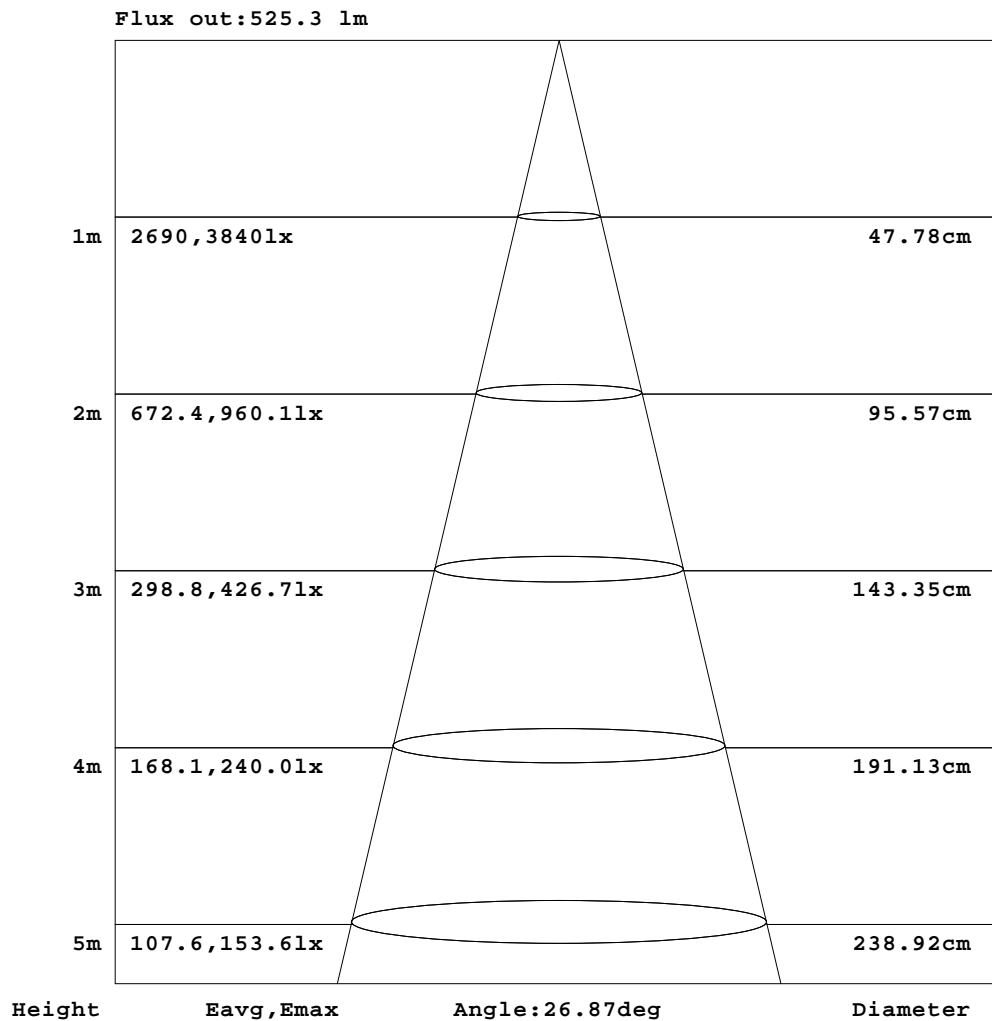


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: Zoe
Test Date: 2023-2-21

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: CLU028-1204C4-303H5M3-F1 Ra: 90
LENS: PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

AAI Figure

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm		
NAME: 2218.143-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2302210179
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:



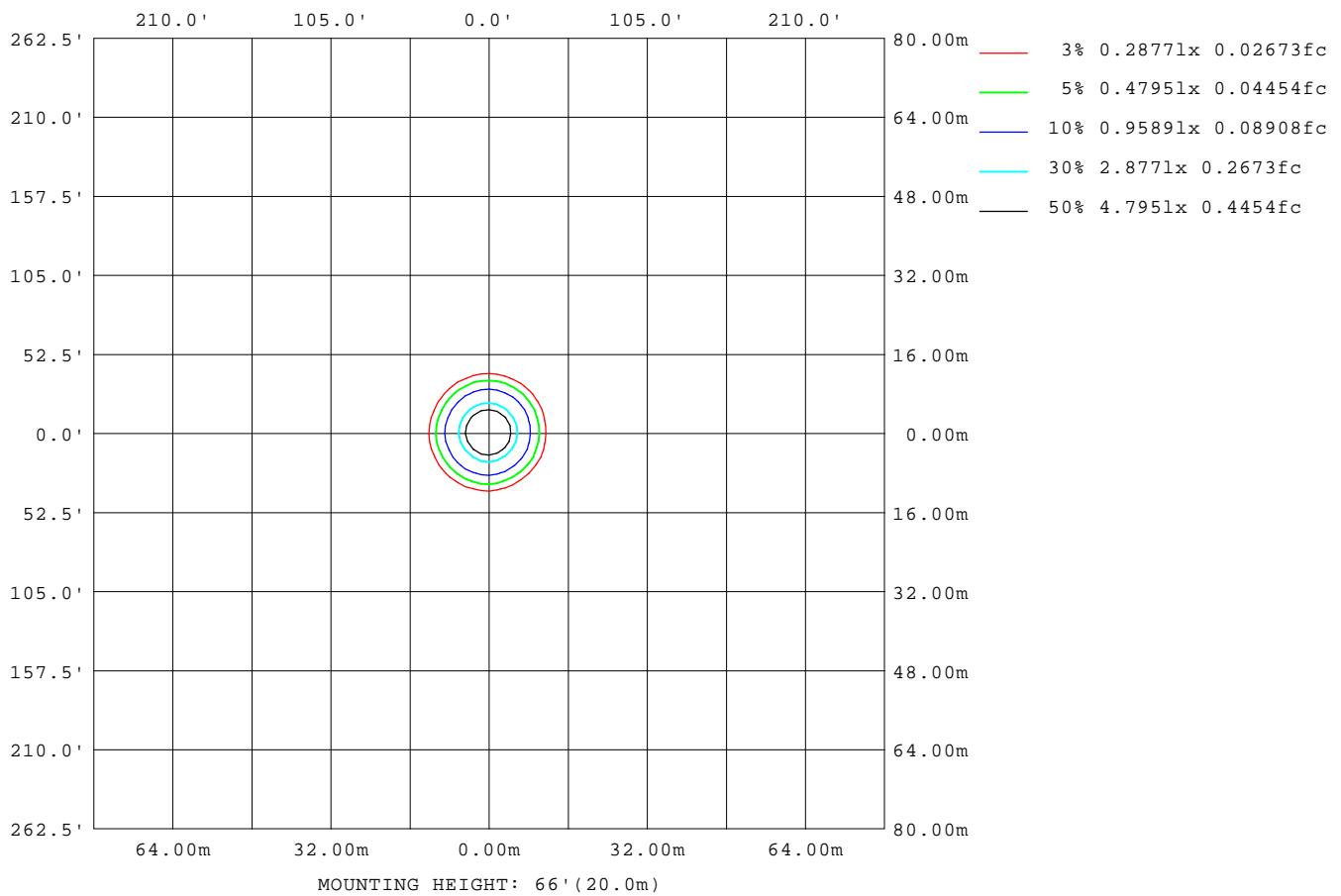
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: Zoe
Test Date: 2023-2-21

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: CLU028-1204C4-303H5M3-F1 Ra:90
LENS: PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm		
NAME: 2218.143-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2302210179
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:Zoe
Test Date:2023-2-21

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:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up

LED Avg.L Report

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm		
NAME: 2218.143-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2302210179
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

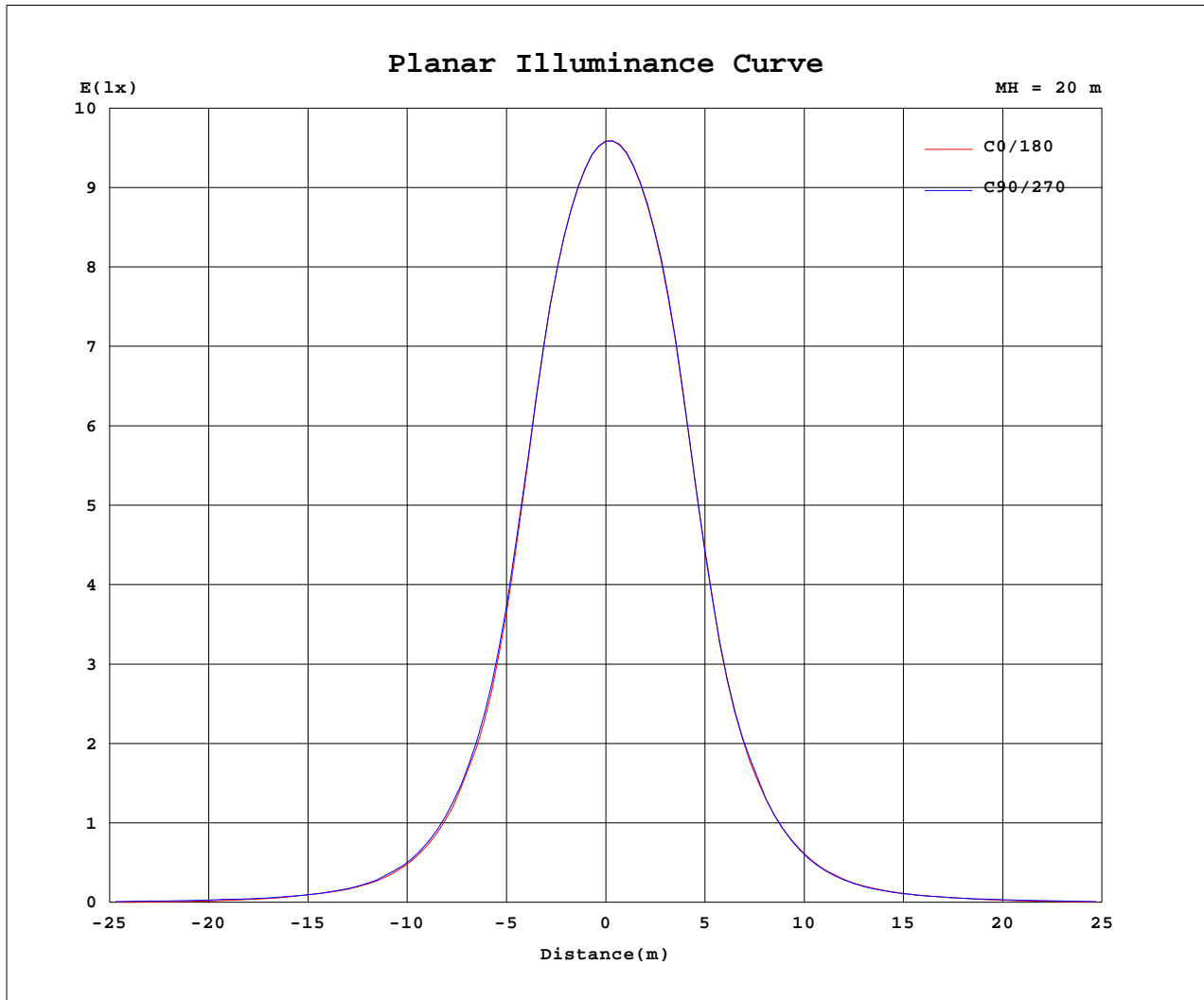
AvgL	cd/m2
L_0~180(65)av	1447
L_0~180(75)av	1075
L_0~180(85)av	978
L_90~270(65)av	2775
L_90~270(75)av	1448
L_90~270(85)av	1423
L_45(65)av	2802
L_45(75)av	1298
L_45(85)av	1176

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2023-2-21

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:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER: 9290 028 088 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: 2023-2-21

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: CLU028-1204C4-303H5M3-F1 Ra:90
 LENS: PM-1082 15R
 DRIVER: 9290 028 088 350mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.28V I:0.0670A P:14.517W PF:0.9821 Freq:49.99Hz Lamp Flux:1463.29x1 lm		
NAME: 2218.143-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2302210179
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3833	3833	3833	3833	3833	3833	3833	3833	3833	3833	3833	3833						
5	3527	3508	3498	3528	3559	3600	3658	3677	3690	3667	3637	3593						
10	2630	2588	2572	2643	2711	2801	2947	2992	3021	2960	2891	2786						
15	1395	1370	1356	1431	1485	1561	1713	1732	1786	1701	1641	1524						
20	702	679	669	720	766	793	853	882	890	872	825	769						
25	339	333	325	354	374	398	429	430	439	425	410	373						
30	169	166	161	176	187	203	214	211	218	208	206	185						
35	92.3	91.1	89.9	96.0	101	107	112	110	110	109	107	99.5						
40	50.6	54.7	53.6	57.5	60.4	63.5	66.5	65.6	65.5	64.8	63.5	59.4						
45	25.6	36.9	36.2	38.2	39.8	41.2	35.2	42.7	42.5	42.0	41.8	39.5						
50	9.99	23.5	23.2	24.5	25.8	26.4	16.9	26.4	26.0	25.4	25.7	24.4						
55	6.28	13.0	13.3	14.3	15.2	15.6	7.64	15.6	15.1	14.5	14.4	13.6						
60	3.28	6.39	6.61	6.93	7.19	7.23	4.04	7.17	6.83	6.62	6.70	6.41						
65	2.09	3.94	4.28	4.53	4.57	4.55	2.48	4.54	4.25	4.24	4.30	4.01						
70	1.35	1.47	1.88	2.03	2.13	1.92	1.57	1.85	1.98	1.81	1.74	1.44						
75	0.93	1.08	1.45	1.50	1.51	1.19	1.14	1.11	1.33	1.30	1.29	1.05						
80	0.59	0.72	0.97	1.04	1.06	0.84	0.70	0.78	0.93	0.88	0.86	0.69						
85	0.26	0.32	0.26	0.51	0.53	0.43	0.38	0.39	0.45	0.41	0.38	0.30						
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:25.3℃
Operators:Zoe
Test Date:2023-2-21

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:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082 15R
DRIVER: 9290 028 088 350mA
30minutes warm-up