

## Luminaire Photograph



Light Output Ratio:	86.5%	
Luminaire Power:	13.6 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.75	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-7-20

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: CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1083C 50R  
DRIVER: PUP10T-1LMC-350 250mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

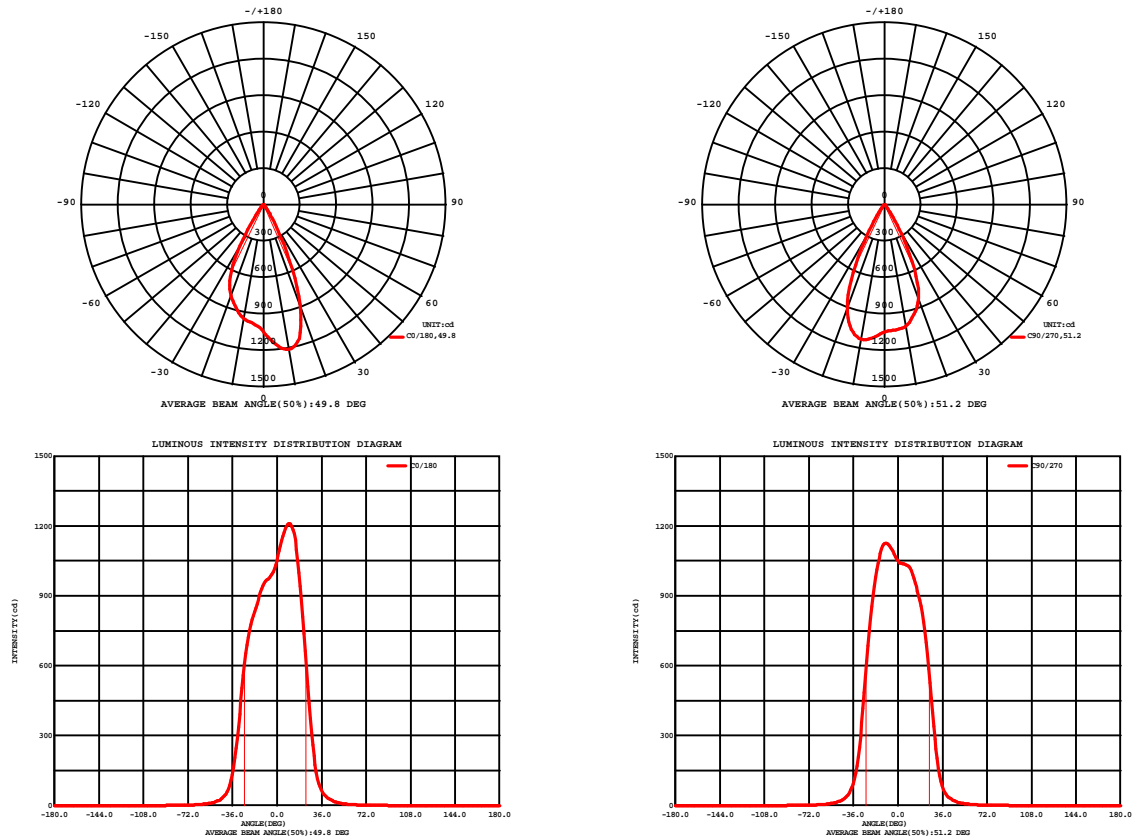


Fig. C0/C180

Fig. C90/C270

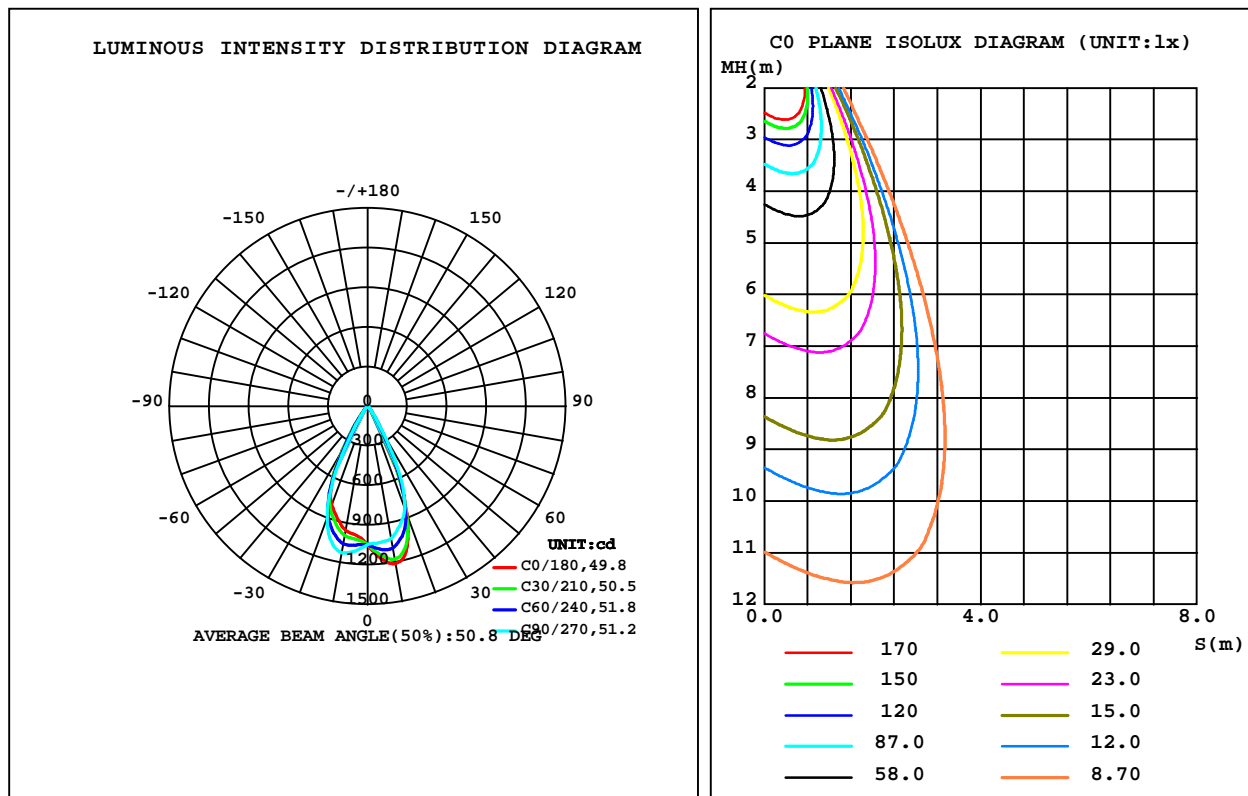
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-7-20

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: CMA1306-0000-000N0U0A30G Ra: 90  
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30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.88V I:0.1198A P:13.597W PF:0.9436 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.582-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207200584
MFR.: RISE	SUR.:0.003737385m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.52 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	1214	S/MH(C0/180)	0.81
NOMINAL POWER(W)	13	LOR(%)	86.5	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	754.85	h UP,DN(C0-180)	0.0,41.7
NOMINAL FLUX(lm)	873.09	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,44.7
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	h down(%)	86.5	CIBSE SHR MAX	0.75



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Test Date:2022-7-20

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:CMA1306-0000-000N0U0A30G Ra:90  
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30minutes warm-up

## ZONAL FLUX DIAGRAM

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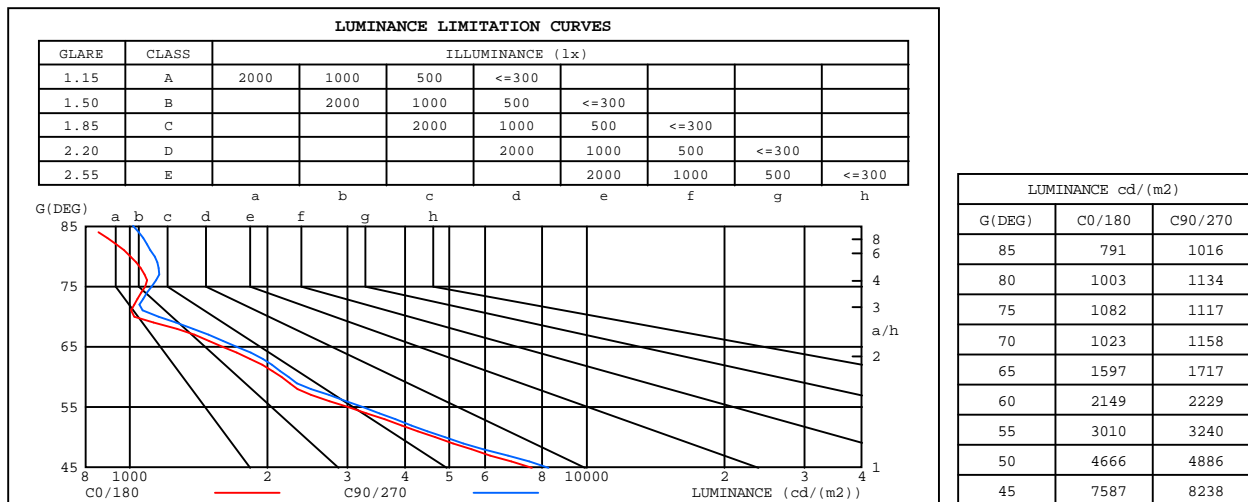
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1210	1133	1018	958.2	954.0	1028	1126	1198	0- 10	102.5	102.5	13.6,11.7
20	877.5	857.2	825.6	789.7	798.5	855.0	900.3	897.8	10- 20	277.9	380.4	50.4,43.6
30	213.0	233.5	285.6	341.8	390.5	368.5	299.2	251.9	20- 30	262.7	643.1	85.2,73.7
40	36.09	36.55	40.66	47.35	58.66	55.43	45.47	41.37	30- 40	81.36	724.5	96,83
50	11.20	11.10	11.72	13.19	14.96	14.59	13.17	12.26	40- 50	19.12	743.6	98.5,85.2
60	4.014	4.020	4.159	4.596	4.935	4.686	4.429	4.094	50- 60	6.896	750.5	99.4,86
70	1.307	1.333	1.478	1.727	1.784	1.700	1.594	1.411	60- 70	2.839	753.3	99.8,86.3
80	0.6508	0.6691	0.7348	0.7972	0.8473	0.8175	0.7525	0.6949	70- 80	1.151	754.5	99.9,86.4
90	0	0	0	0	0	0	0	0	80- 90	0.3840	754.9	100,86.5
100	0	0	0	0	0	0	0	0	90-100	0	754.9	100,86.5
110	0	0	0	0	0	0	0	0	100-110	0	754.9	100,86.5
120	0	0	0	0	0	0	0	0	110-120	0	754.9	100,86.5
130	0	0	0	0	0	0	0	0	120-130	0	754.9	100,86.5
140	0	0	0	0	0	0	0	0	130-140	0	754.9	100,86.5
150	0	0	0	0	0	0	0	0	140-150	0	754.9	100,86.5
160	0	0	0	0	0	0	0	0	150-160	0	754.9	100,86.5
170	0	0	0	0	0	0	0	0	160-170	0	754.9	100,86.5
180	0	0	0	0	0	0	0	0	170-180	0	754.9	100,86.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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Temperature:25.3DEG  
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Interval: 1.0DEG  
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Humidity:65.0%  
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DRIVER: PUP10T-1LMC-350 250mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

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SPEC.:3000K	DIM.:	SERIAL No.:2207200584
MFR.: RISE	SUR.:0.003737385m2	Shielding Angle:



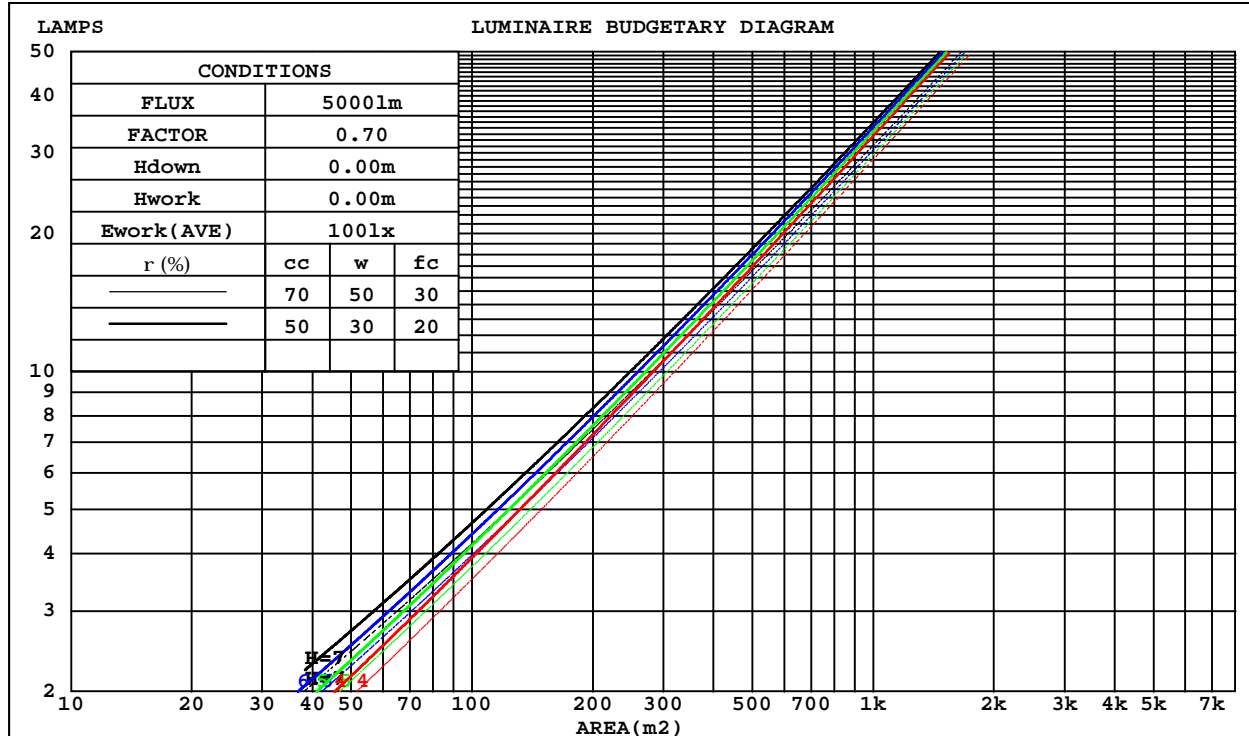
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## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:3000K	DIM.:	SERIAL No.:2207200584
MFR.: RISE	SUR.:0.003737385m2	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	1.03	1.03	1.03	1.01	1.01	1.01	.96	.96	.96	.92	.92	.92	.88	.88	.88	.86
1.0	.96	.94	.93	.94	.93	.91	.91	.90	.88	.88	.87	.86	.85	.84	.83	.82
2.0	.90	.87	.84	.89	.86	.84	.86	.84	.82	.84	.82	.80	.81	.80	.78	.77
3.0	.85	.81	.78	.84	.80	.77	.82	.79	.76	.80	.77	.75	.78	.76	.74	.73
4.0	.80	.76	.73	.79	.75	.72	.77	.74	.71	.76	.73	.70	.74	.72	.70	.68
5.0	.76	.71	.68	.75	.71	.68	.73	.70	.67	.72	.69	.66	.71	.68	.66	.65
6.0	.72	.67	.64	.71	.67	.64	.70	.66	.63	.69	.65	.63	.68	.65	.62	.61
7.0	.68	.63	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.65	.61	.59	.58
8.0	.65	.60	.57	.64	.60	.57	.63	.59	.57	.63	.59	.56	.62	.59	.56	.55
9.0	.62	.57	.54	.61	.57	.54	.61	.57	.54	.60	.56	.54	.59	.56	.53	.52
10.0	.59	.54	.51	.59	.54	.51	.58	.54	.51	.57	.54	.51	.57	.53	.51	.50



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### WEC AND CCEC

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SPEC.:3000K	DIM.:	SERIAL No.:2207200584
MFR.: RISE	SUR.:0.003737385m2	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	.143	.081	.026	.137	.078	.025	.127	.073	.023	.117	.067	.022	.107	.062	.020	
2.0	.136	.074	.023	.131	.072	.022	.122	.068	.021	.113	.064	.020	.106	.060	.019	
3.0	.129	.068	.020	.124	.067	.020	.117	.063	.019	.110	.060	.018	.103	.057	.018	
4.0	.122	.063	.019	.119	.062	.018	.112	.059	.018	.106	.057	.017	.100	.054	.017	
5.0	.116	.059	.017	.113	.058	.017	.107	.056	.016	.102	.054	.016	.097	.052	.016	
6.0	.111	.056	.016	.108	.055	.016	.103	.053	.015	.098	.051	.015	.094	.050	.015	
7.0	.106	.052	.015	.104	.052	.015	.099	.050	.014	.095	.049	.014	.091	.047	.014	
8.0	.101	.050	.014	.099	.049	.014	.095	.048	.014	.092	.046	.013	.088	.045	.013	
9.0	.097	.047	.013	.095	.047	.013	.092	.045	.013	.089	.044	.013	.086	.043	.013	
10.0	.094	.045	.012	.092	.044	.012	.089	.043	.012	.086	.043	.012	.083	.042	.012	

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	.165	.165	.165	.141	.141	.141	.096	.096	.096	.055	.055	.055	.018	.018	.018	
1.0	.147	.136	.126	.126	.117	.108	.086	.080	.075	.050	.047	.044	.016	.015	.014	
2.0	.133	.115	.099	.114	.099	.085	.078	.068	.060	.045	.040	.035	.014	.013	.011	
3.0	.122	.098	.079	.105	.085	.069	.072	.059	.048	.041	.034	.028	.013	.011	.009	
4.0	.113	.085	.064	.097	.074	.056	.066	.051	.039	.038	.030	.023	.012	.010	.008	
5.0	.105	.075	.053	.090	.065	.046	.062	.045	.033	.036	.027	.019	.012	.009	.006	
6.0	.098	.067	.044	.084	.058	.039	.058	.041	.027	.034	.024	.016	.011	.008	.005	
7.0	.092	.060	.038	.079	.052	.033	.055	.037	.023	.032	.022	.014	.010	.007	.005	
8.0	.087	.055	.032	.075	.047	.028	.052	.033	.020	.030	.020	.012	.010	.006	.004	
9.0	.083	.050	.028	.071	.043	.024	.049	.031	.017	.029	.018	.010	.009	.006	.003	
10.0	.079	.046	.025	.068	.040	.021	.047	.028	.015	.027	.017	.009	.009	.005	.003	

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## UGR(Unified Glare Rating) Table

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SPEC.:3000K					DIM.:			SERIAL No.:2207200584		
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	12.1	13.0	12.4	13.2	13.3	13.2	14.1	13.5	14.3	14.4
3H	12.1	12.9	12.3	13.1	13.3	13.1	13.9	13.4	14.1	14.3
4H	12.0	12.8	12.3	13.0	13.2	13.1	13.8	13.4	14.1	14.3
6H	12.0	12.7	12.3	12.9	13.2	13.0	13.7	13.3	14.0	14.2
8H	12.0	12.6	12.3	12.9	13.1	13.0	13.7	13.3	13.9	14.2
12H	11.9	12.6	12.2	12.8	13.1	13.0	13.6	13.3	13.9	14.2
4H 2H	12.0	12.7	12.3	12.9	13.2	13.0	13.8	13.3	14.0	14.2
3H	11.9	12.6	12.2	12.8	13.1	13.0	13.6	13.3	13.9	14.1
4H	11.9	12.5	12.2	12.8	13.1	12.9	13.5	13.3	13.8	14.1
6H	11.9	12.4	12.2	12.7	13.1	12.9	13.4	13.3	13.7	14.1
8H	11.8	12.3	12.2	12.7	13.0	12.9	13.3	13.2	13.7	14.1
12H	11.8	12.3	12.2	12.6	13.0	12.8	13.3	13.2	13.6	14.0
8H 4H	11.8	12.3	12.2	12.6	13.0	12.8	13.3	13.2	13.6	14.0
6H	11.8	12.2	12.2	12.6	13.0	12.8	13.2	13.2	13.6	14.0
8H	11.8	12.1	12.2	12.5	13.0	12.8	13.1	13.2	13.5	14.0
12H	11.7	12.0	12.2	12.5	12.9	12.7	13.0	13.2	13.5	13.9
12H 4H	11.7	12.2	12.1	12.6	12.9	12.8	13.2	13.2	13.6	14.0
6H	11.7	12.1	12.2	12.5	12.9	12.7	13.1	13.2	13.5	13.9
8H	11.7	12.0	12.2	12.5	12.9	12.7	13.0	13.2	13.5	13.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 4.2					+ 3.3 / - 4.4				
1.5H	+ 4.0 / - 3.5					+ 5.0 / - 3.9				
2.0H	+ 3.7 / - 2.4					+ 4.0 / - 2.5				

CIE Pub.117, 873.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.5)  
Area: 0.00373738 m2

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### UTILIZATION FACTORS TABLE

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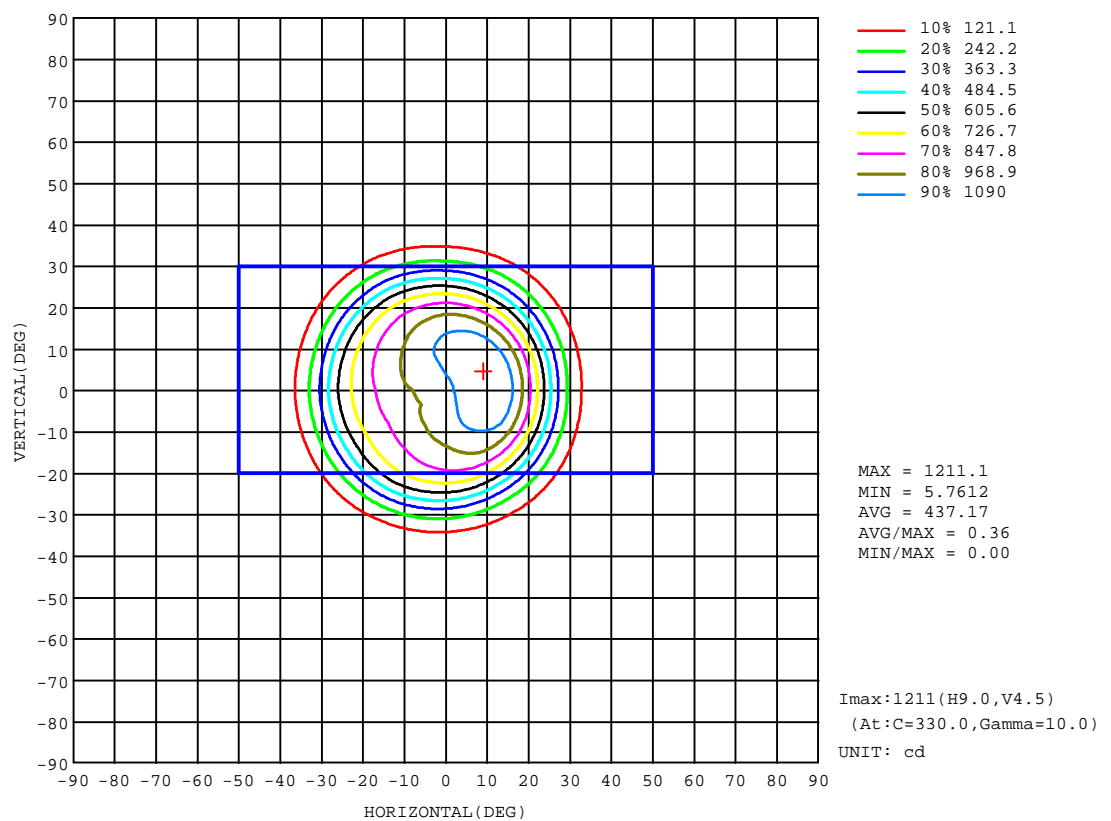
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	77	72	69	77	72	69	76	71	68	66
0.80	83	78	75	83	78	75	82	78	75	72
1.00	87	82	79	86	82	79	85	82	79	75
1.25	90	86	83	89	85	83	88	84	82	78
1.50	92	88	86	91	88	85	89	86	84	81
2.00	94	91	88	93	90	88	91	88	86	82
2.50	96	93	90	94	92	89	92	89	88	83
3.00	97	94	92	95	93	91	93	91	89	84
4.00	99	96	95	97	95	93	94	92	91	85
5.00	100	98	96	98	96	95	95	93	92	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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## ISOCANDELA DIAGRAM

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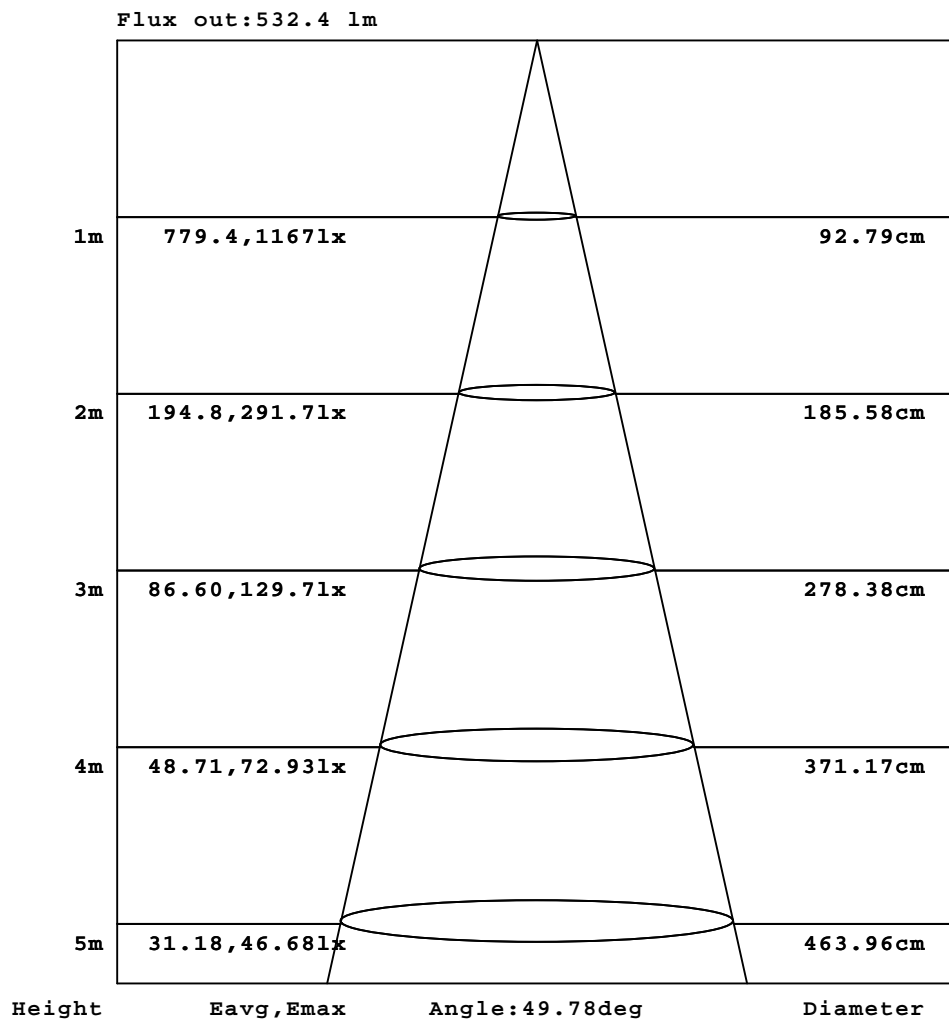


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Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1083C 50R  
DRIVER: PUP10T-1LMC-350 250mA  
30minutes warm-up

## AAI Figure

Test:U:119.88V I:0.1198A P:13.597W PF:0.9436 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.582-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207200584
MFR.: RISE	SUR.:0.003737385m2	Shielding Angle:



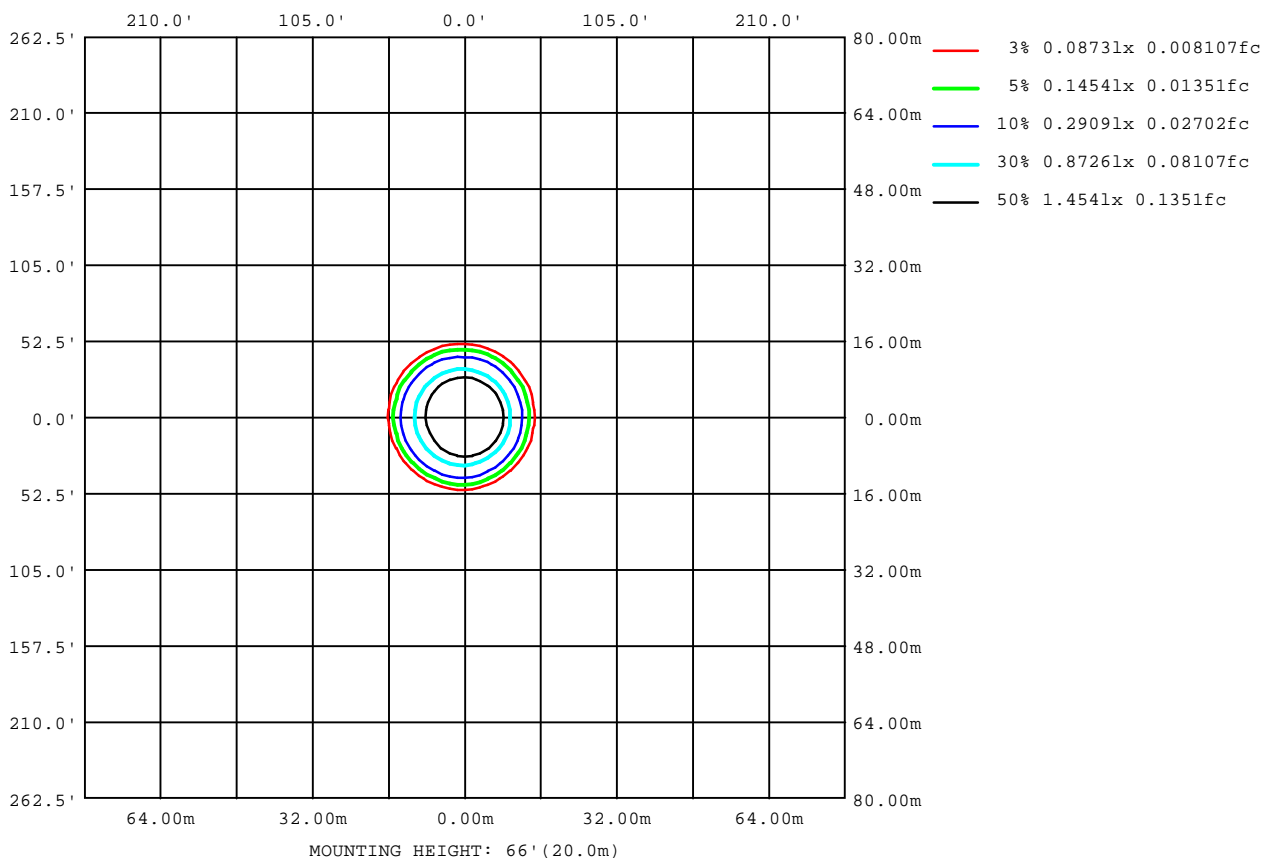
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-20

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:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1083C 50R  
DRIVER: PUP10T-1LMC-350 250mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:119.88V I:0.1198A P:13.597W PF:0.9436 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.582-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207200584
MFR.: RISE	SUR.:0.003737385m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-20

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:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1083C 50R  
DRIVER: PUP10T-1LMC-350 250mA  
30minutes warm-up

## LED Avg.L Report

Test:U:119.88V I:0.1198A P:13.597W PF:0.9436 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.582-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207200584
MFR.: RISE	SUR.:0.003737385m2	Shielding Angle:

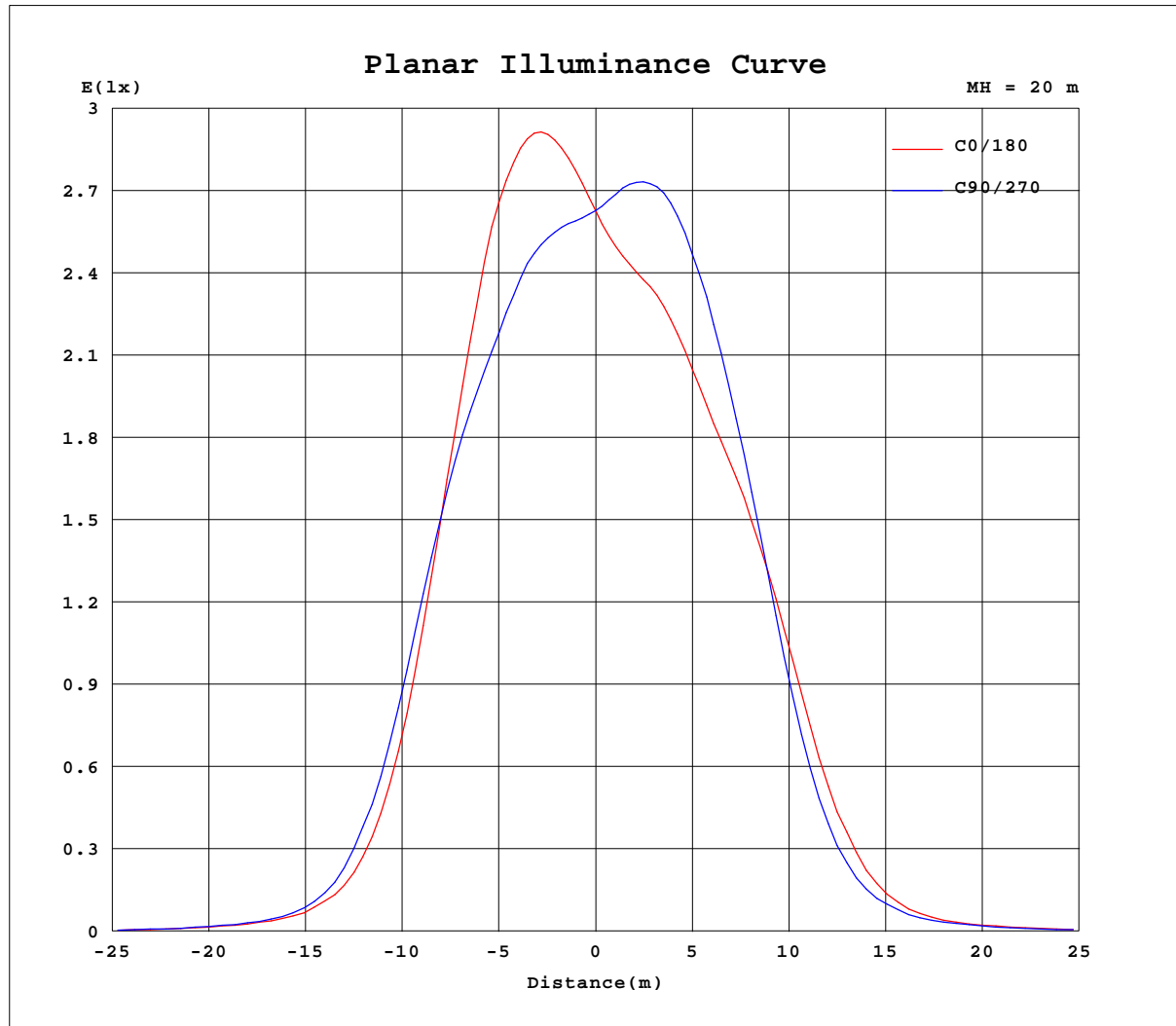
AvgL	cd/m2
L_0~180(65)av	1843
L_0~180(75)av	1125
L_0~180(85)av	1069
L_90~270(65)av	1768
L_90~270(75)av	1119
L_90~270(85)av	1044
L_45(65)av	1792
L_45(75)av	1124
L_45(85)av	1042

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-20

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:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1083C 50R  
DRIVER: PUP10T-1LMC-350 250mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Zoe  
 Test Date: 2022-7-20

deg 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: CMA1306-0000-000N0U0A30G Ra:90  
 LENS: PM-1083C 50R  
 DRIVER: PUP10T-1LMC-350 250mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.88V I:0.1198A P:13.597W PF:0.9436 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.582-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207200584
MFR.: RISE	SUR.:0.003737385m2	Shielding Angle:

Table--1

UNIT: cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050						
5	1155	1129	1085	1037	1000	982	984	1012	1054	1101	1138	1157						
10	1210	1175	1091	1018	969	948	954	997	1060	1126	1181	1214						
15	1140	1106	1017	937	891	869	882	927	995	1063	1111	1140						
20	877	870	845	826	804	775	798	832	878	900	900	896						
25	510	520	543	587	623	616	651	660	661	619	577	539						
30	213	227	240	286	330	354	390	380	357	299	269	235						
35	81.2	79.6	89.0	103	117	139	163	157	142	113	103	88.5						
40	36.1	36.3	36.8	40.7	43.8	50.9	58.7	57.8	53.1	45.5	43.6	39.1						
45	20.0	20.2	20.2	21.7	23.2	25.7	27.6	27.6	26.3	23.9	23.2	21.4						
50	11.2	11.1	11.0	11.7	12.6	13.8	15.0	14.8	14.3	13.2	12.8	11.8						
55	6.45	6.44	6.52	6.94	7.44	8.16	8.69	8.55	8.17	7.62	7.24	6.73						
60	4.01	4.01	4.03	4.16	4.44	4.75	4.93	4.75	4.62	4.43	4.21	3.98						
65	2.52	2.54	2.60	2.71	2.93	3.17	3.30	3.12	3.09	2.88	2.69	2.53						
70	1.31	1.31	1.35	1.48	1.64	1.81	1.78	1.70	1.70	1.59	1.46	1.36						
75	1.05	1.05	1.05	1.08	1.10	1.12	1.13	1.13	1.11	1.09	1.07	1.06						
80	0.65	0.66	0.68	0.73	0.78	0.82	0.85	0.83	0.80	0.75	0.71	0.68						
85	0.26	0.26	0.28	0.33	0.37	0.41	0.44	0.42	0.39	0.35	0.31	0.28						
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:2022-7-20

g Range: 0 - 180DEG  
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