

### Luminaire Photograph



Light Output Ratio:	74.6%	
Luminaire Power:	9.346 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: 25.3 °C  
Operators: Zoe  
Test Date: 2022-10-19

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084B 36R  
NO DRIVER: 500mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

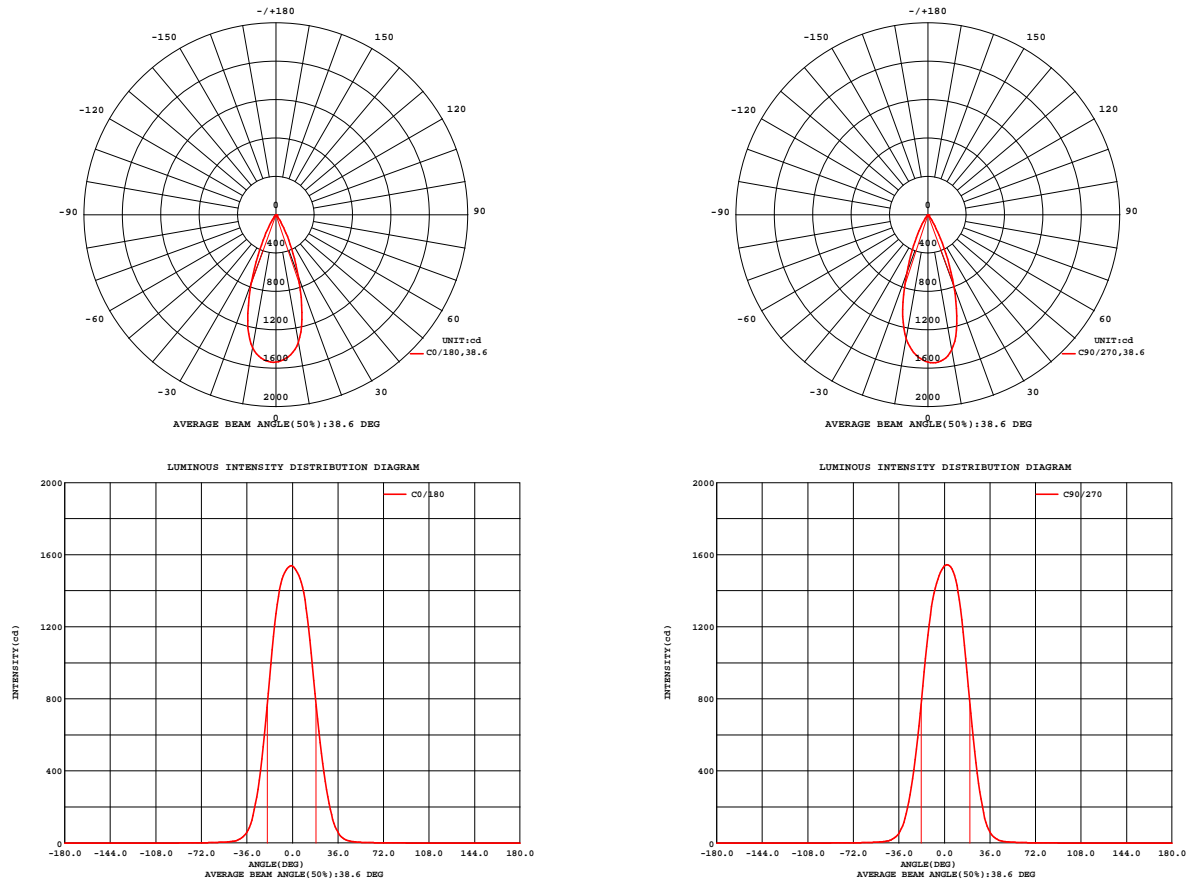


Fig. C0/C180

Fig. C90/C270

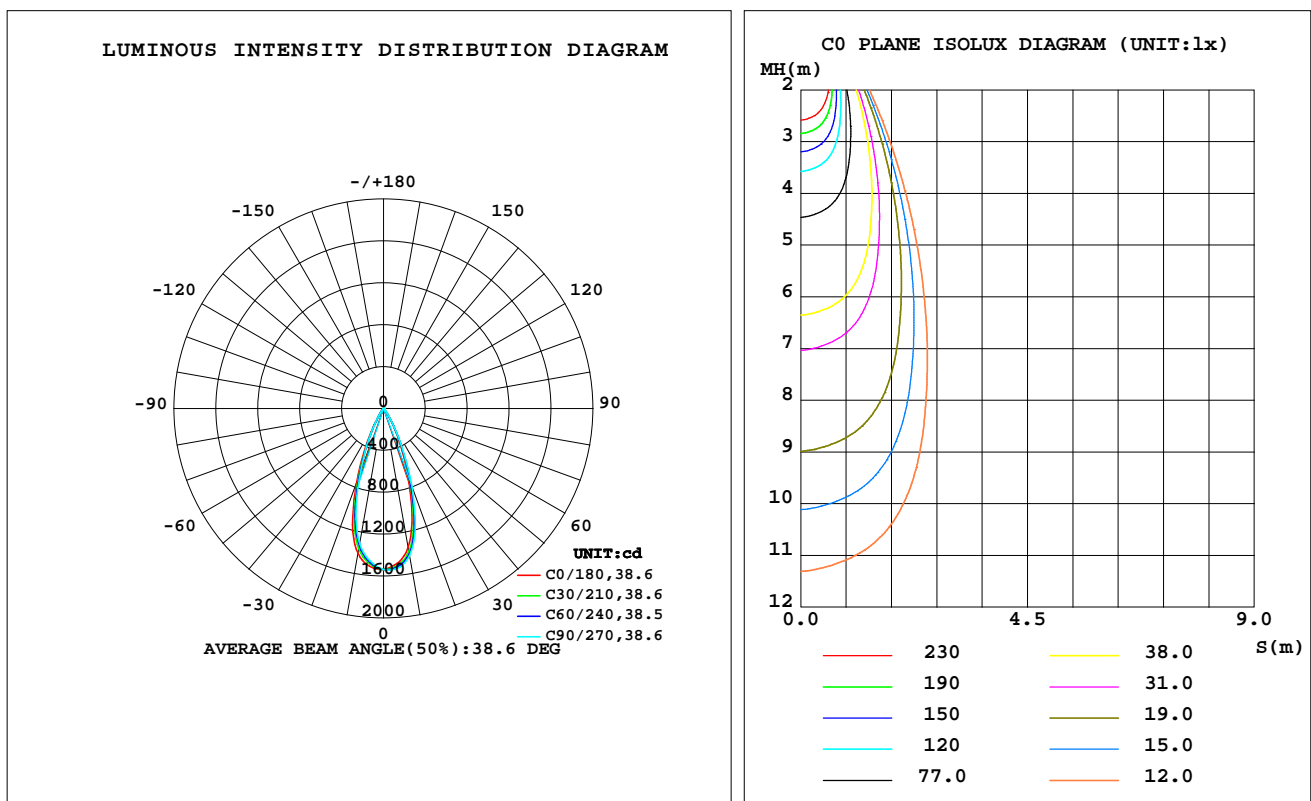
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: Zoe  
Test Date: 2022-10-19

γ Range: 0 - 180DEG  
γ 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: CMA1306-0000-000F0U0A30G Ra: 90  
LENS: PM-1084B 36R  
NO DRIVER: 500mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:18.700V I:0.4998A P:9.3463W PF:1.0000 Freq:59.98Hz Lamp Flux:919.82x1 lm		
NAME: 2118.564-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2210191018
MFR.: RISE	SUR.: 0.001256m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.40 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	1544	S/MH(C0/180)	0.62
NOMINAL POWER(W)	9	LOR(%)	74.6	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	18	TOTAL FLUX(lm)	686.00	η UP,DN(C0-180)	0.0,38.5
NOMINAL FLUX(lm)	919.82	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,36.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	18	η down(%)	74.6	CIBSE SHR MAX	0.60



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Temperature:25.3℃  
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γ Interval: 1.0DEG  
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Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000F0U0A30G Ra:90  
LENS:PM-1084B 36R  
NO DRIVER:500mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1349	1400	1429	1419	1407	1348	1312	1329	0- 10	139.2	139.2	20.3,15.1
20	688.1	747.6	795.4	767.8	752.9	685.4	650.1	670.4	10- 20	295.5	434.7	63.4,47.3
30	186.1	198.6	206.0	187.8	185.9	162.9	163.1	181.1	20- 30	184.7	619.4	90.3,67.3
40	27.28	28.02	28.59	28.05	28.62	26.92	25.92	28.03	30- 40	50.33	669.7	97.6,72.8
50	5.632	5.779	6.129	6.209	6.500	6.438	6.021	5.906	40- 50	9.945	679.6	99.1,73.9
60	2.671	2.790	3.013	3.167	3.310	3.267	3.005	2.790	50- 60	3.624	683.3	99.6,74.3
70	0.8765	0.9205	0.9765	0.9779	0.9817	0.9234	0.8817	0.8737	60- 70	1.887	685.2	99.9,74.5
80	0.3352	0.3588	0.3988	0.3960	0.4053	0.3637	0.3405	0.3298	70- 80	0.6585	685.8	100,74.6
90	0	0	0	0	0	0	0	0	80- 90	0.1867	686.0	100,74.6
100	0	0	0	0	0	0	0	0	90-100	0	686.0	100,74.6
110	0	0	0	0	0	0	0	0	100-110	0	686.0	100,74.6
120	0	0	0	0	0	0	0	0	110-120	0	686.0	100,74.6
130	0	0	0	0	0	0	0	0	120-130	0	686.0	100,74.6
140	0	0	0	0	0	0	0	0	130-140	0	686.0	100,74.6
150	0	0	0	0	0	0	0	0	140-150	0	686.0	100,74.6
160	0	0	0	0	0	0	0	0	150-160	0	686.0	100,74.6
170	0	0	0	0	0	0	0	0	160-170	0	686.0	100,74.6
180	0	0	0	0	0	0	0	0	170-180	0	686.0	100,74.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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Humidity:65.0%  
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LENS:PM-1084B 36R  
NO DRIVER:500mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:18.700V I:0.4998A P:9.3463W PF:1.0000 Freq:59.98Hz  
Lamp Flux:919.82x1 lm

NAME: 2118.564-LEA-09B

TYPE:

WEIGHT:

SPEC.: 3000K

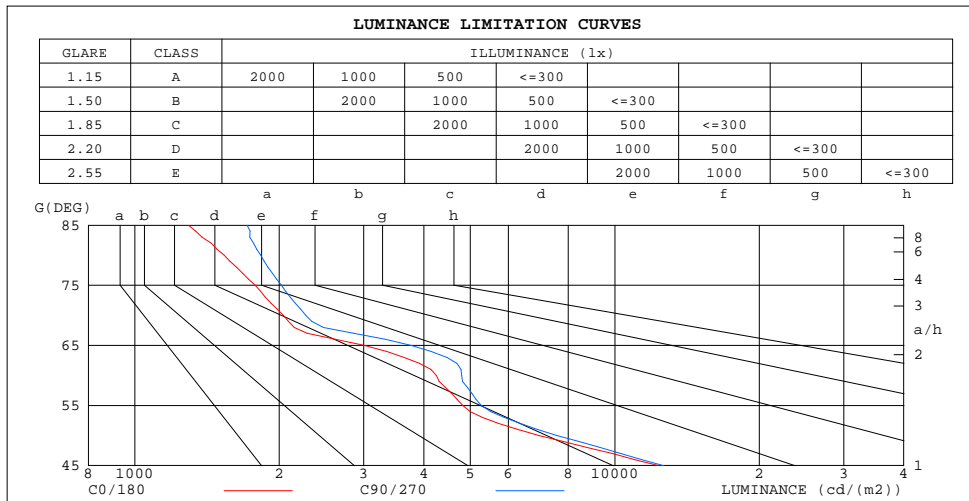
DIM.:

SERIAL No.: 2210191018

MFR.: RISE

SUR.: 0.001256m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	1294	1716
80	1535	1828
75	1782	2020
70	2038	2272
65	3009	3764
60	4248	4797
55	4824	5277
50	6968	7589
45	12374	12661

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## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

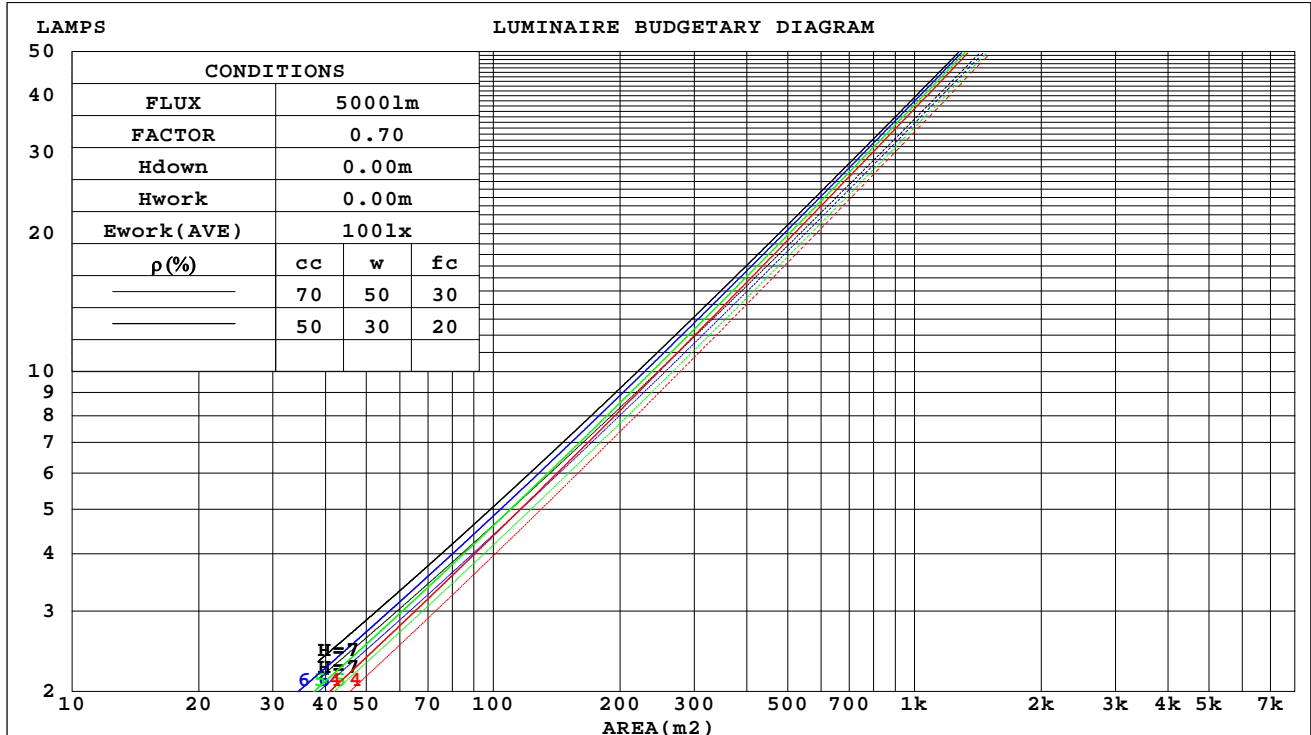
SERIAL No.: 2210191018

MFR.: RISE

SUR.: 0.001256m2

Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	.89	.89	.89	.87	.87	.87	.83	.83	.83	.79	.79	.79	.76	.76	.76	.75
1.0	.84	.82	.81	.82	.81	.79	.79	.78	.77	.76	.75	.75	.74	.73	.72	.71
2.0	.79	.76	.74	.78	.75	.73	.75	.73	.72	.73	.72	.70	.71	.70	.69	.68
3.0	.75	.72	.69	.74	.71	.69	.72	.70	.68	.70	.68	.67	.69	.67	.66	.65
4.0	.71	.68	.65	.70	.67	.65	.69	.66	.64	.67	.65	.63	.66	.64	.63	.62
5.0	.68	.64	.62	.67	.64	.61	.66	.63	.61	.65	.62	.60	.64	.61	.60	.59
6.0	.65	.61	.58	.64	.61	.58	.63	.60	.58	.62	.59	.57	.61	.59	.57	.56
7.0	.62	.58	.56	.61	.58	.56	.61	.57	.55	.60	.57	.55	.59	.57	.55	.54
8.0	.59	.56	.53	.59	.55	.53	.58	.55	.53	.57	.55	.53	.57	.54	.52	.52
9.0	.57	.53	.51	.57	.53	.51	.56	.53	.51	.55	.53	.51	.55	.52	.50	.50
10.0	.55	.51	.49	.54	.51	.49	.54	.51	.49	.53	.51	.49	.53	.50	.48	.48



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### WEC AND CCEC

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NAME: 2118.564-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2210191018
MFR.: RISE	SUR.: 0.001256m2	Shielding Angle:

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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.115	.065	.021	.110	.063	.020	.100	.058	.018	.092	.053	.017	.084	.049	.016		
2.0	.108	.059	.018	.104	.057	.018	.096	.053	.017	.089	.050	.016	.082	.047	.015		
3.0	.102	.054	.016	.098	.053	.016	.092	.050	.015	.086	.047	.014	.080	.044	.014		
4.0	.096	.050	.015	.093	.049	.014	.087	.046	.014	.082	.044	.013	.078	.042	.013		
5.0	.091	.046	.013	.089	.045	.013	.084	.044	.013	.079	.042	.012	.075	.040	.012		
6.0	.087	.043	.012	.084	.043	.012	.080	.041	.012	.076	.040	.012	.073	.038	.011		
7.0	.083	.041	.012	.081	.040	.011	.077	.039	.011	.074	.038	.011	.071	.037	.011		
8.0	.079	.039	.011	.077	.038	.011	.074	.037	.011	.071	.036	.010	.068	.035	.010		
9.0	.076	.037	.010	.074	.036	.010	.072	.035	.010	.069	.035	.010	.066	.034	.010		
10.0	.073	.035	.010	.072	.035	.010	.069	.034	.010	.067	.033	.009	.064	.032	.009		

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	.142	.142	.142	.121	.121	.121	.083	.083	.083	.048	.048	.048	.015	.015	.015	
1.0	.126	.117	.109	.108	.101	.094	.074	.069	.065	.043	.040	.038	.014	.013	.012	
2.0	.114	.099	.086	.097	.085	.075	.067	.059	.052	.039	.034	.031	.012	.011	.010	
3.0	.103	.085	.070	.089	.073	.060	.061	.051	.042	.035	.030	.025	.011	.010	.008	
4.0	.095	.073	.057	.081	.063	.049	.056	.044	.035	.032	.026	.021	.010	.008	.007	
5.0	.088	.064	.047	.075	.056	.041	.052	.039	.029	.030	.023	.017	.010	.007	.006	
6.0	.081	.057	.040	.070	.049	.035	.048	.035	.024	.028	.020	.015	.009	.007	.005	
7.0	.076	.051	.034	.066	.044	.029	.045	.031	.021	.026	.018	.012	.009	.006	.004	
8.0	.072	.046	.029	.062	.040	.025	.043	.028	.018	.025	.017	.011	.008	.005	.004	
9.0	.068	.042	.025	.058	.037	.022	.040	.026	.016	.024	.015	.009	.008	.005	.003	
10.0	.064	.039	.022	.055	.034	.019	.038	.024	.014	.022	.014	.008	.007	.005	.003	

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Humidity:65.0%  
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30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:18.700V I:0.4998A P:9.3463W PF:1.0000 Freq:59.98Hz Lamp Flux:919.82x1 lm										
NAME: 2118.564-LEA-09B					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2210191018		
MFR.: RISE					SUR.: 0.001256m2			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	15.5	16.2	15.7	16.4	16.6	15.6	16.3	15.8	16.5	16.7
3H	15.4	16.1	15.6	16.3	16.4	15.5	16.2	15.7	16.4	16.6
4H	15.3	16.0	15.6	16.2	16.4	15.4	16.1	15.7	16.3	16.5
6H	15.2	15.9	15.5	16.1	16.3	15.3	16.0	15.6	16.2	16.5
8H	15.2	15.8	15.5	16.0	16.3	15.3	15.9	15.6	16.2	16.4
12H	15.1	15.7	15.5	16.0	16.3	15.3	15.9	15.6	16.1	16.4
4H 2H	15.3	16.0	15.5	16.2	16.4	15.4	16.1	15.6	16.3	16.5
3H	15.2	15.8	15.5	16.0	16.3	15.3	15.9	15.6	16.1	16.4
4H	15.1	15.6	15.4	15.9	16.2	15.2	15.8	15.6	16.1	16.4
6H	15.0	15.5	15.4	15.8	16.2	15.2	15.6	15.5	16.0	16.3
8H	15.0	15.4	15.4	15.8	16.1	15.1	15.6	15.5	15.9	16.3
12H	14.9	15.3	15.3	15.7	16.1	15.1	15.5	15.5	15.9	16.2
8H 4H	15.0	15.4	15.4	15.8	16.1	15.1	15.5	15.5	15.9	16.2
6H	14.9	15.3	15.3	15.6	16.1	15.0	15.4	15.5	15.8	16.2
8H	14.9	15.2	15.3	15.6	16.0	15.0	15.3	15.4	15.7	16.2
12H	14.8	15.1	15.3	15.5	16.0	15.0	15.2	15.4	15.7	16.1
12H 4H	14.9	15.3	15.3	15.7	16.1	15.0	15.4	15.4	15.8	16.2
6H	14.8	15.2	15.3	15.6	16.0	15.0	15.3	15.4	15.7	16.1
8H	14.8	15.1	15.3	15.5	16.0	14.9	15.2	15.4	15.7	16.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.4 / - 5.7					+ 3.5 / - 5.4				
1.5H	+ 5.6 / - 5.0					+ 5.7 / - 4.8				
2.0H	+ 3.5 / - 1.6					+ 3.3 / - 1.6				

CIE Pub.117, 919.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)  
Area: 0.001256 m2

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### UTILIZATION FACTORS TABLE

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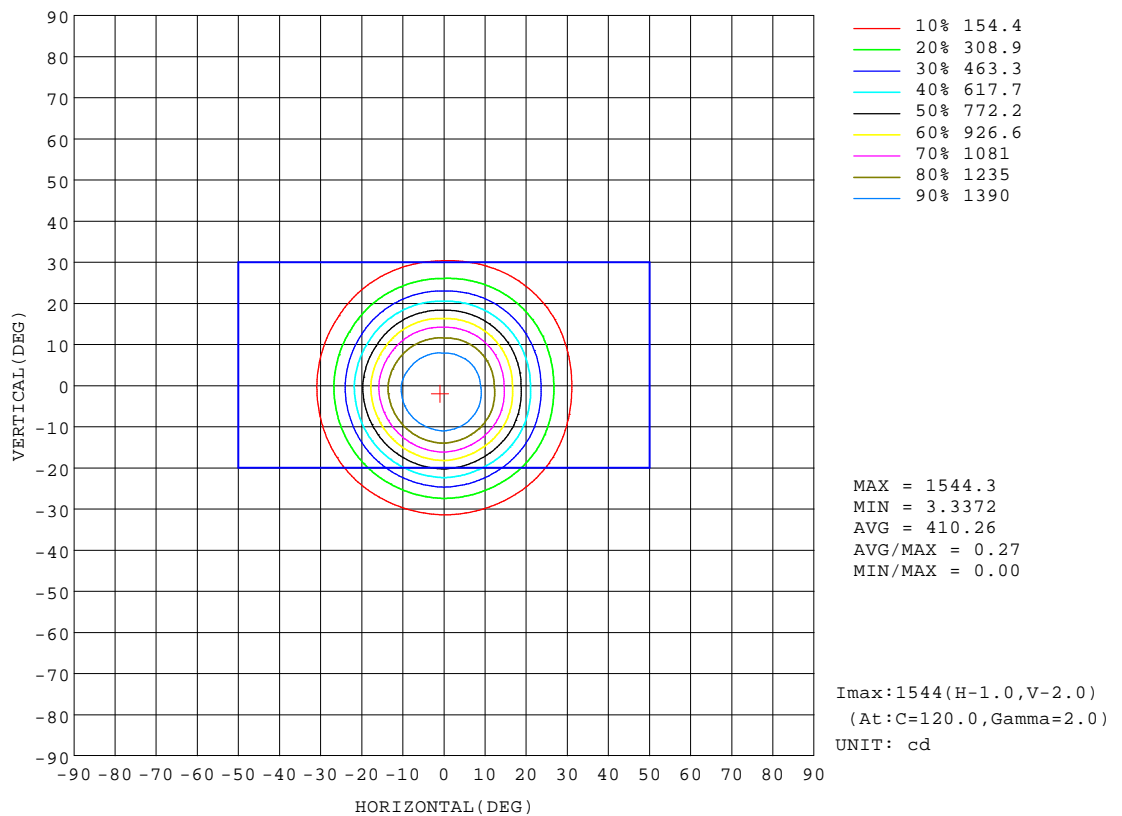
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	67	63	60	67	63	60	66	62	60	58
0.80	72	68	66	72	68	66	71	68	66	63
1.00	75	72	69	75	71	69	74	71	68	66
1.25	78	75	72	77	74	72	76	73	71	68
1.50	80	77	74	79	76	74	77	75	73	70
2.00	82	79	77	81	78	76	79	77	75	71
2.50	83	80	78	82	79	77	79	78	76	72
3.00	84	82	80	83	80	79	80	78	77	73
4.00	85	83	82	84	82	81	81	80	79	74
5.00	86	85	83	85	83	82	82	81	80	74
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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30minutes warm-up

## ISOCANDELA DIAGRAM

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MFR.: RISE	SUR.: 0.001256m2	Shielding Angle:

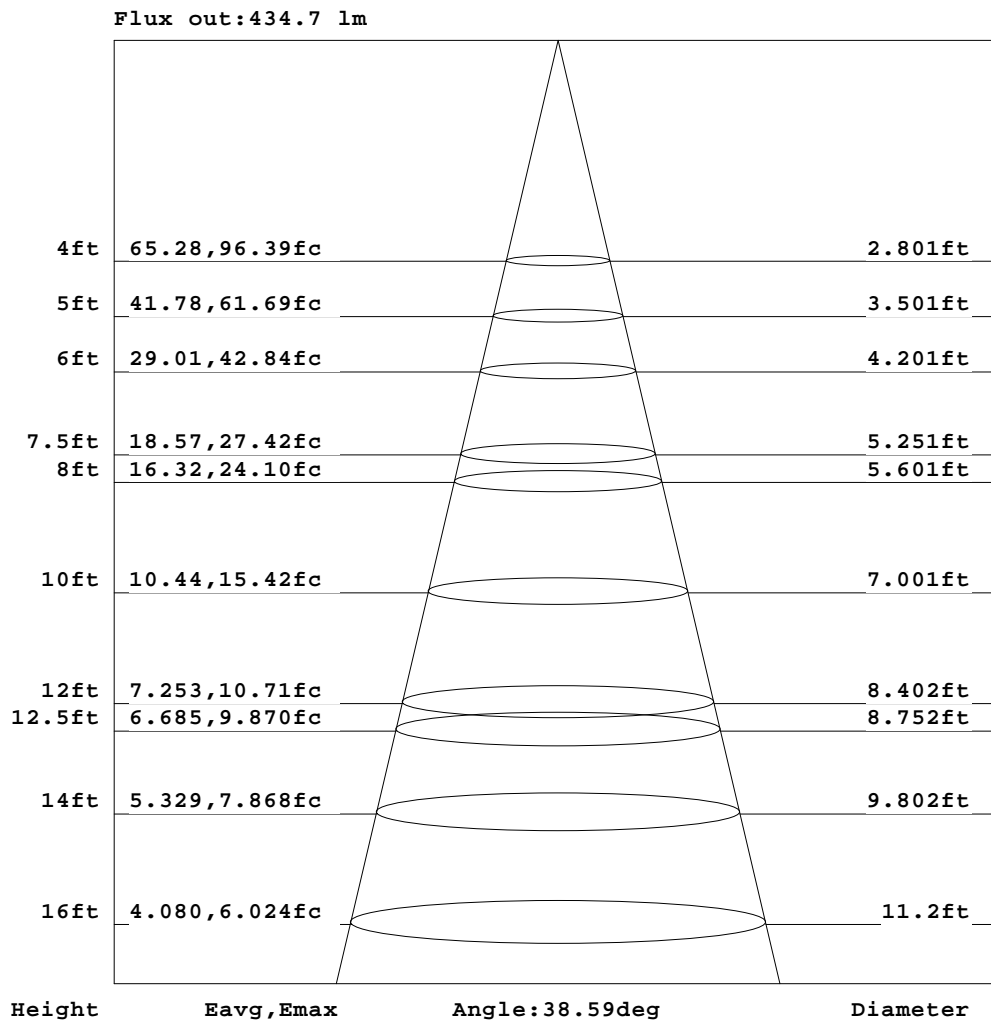


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-10-19

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS:PM-1084B 36R  
NO DRIVER:500mA  
30minutes warm-up

## AAI Figure

Test:U:18.700V I:0.4998A P:9.3463W PF:1.0000 Freq:59.98Hz Lamp Flux:919.82x1 lm		
NAME: 2118.564-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2210191018
MFR.: RISE	SUR.: 0.001256m2	Shielding Angle:



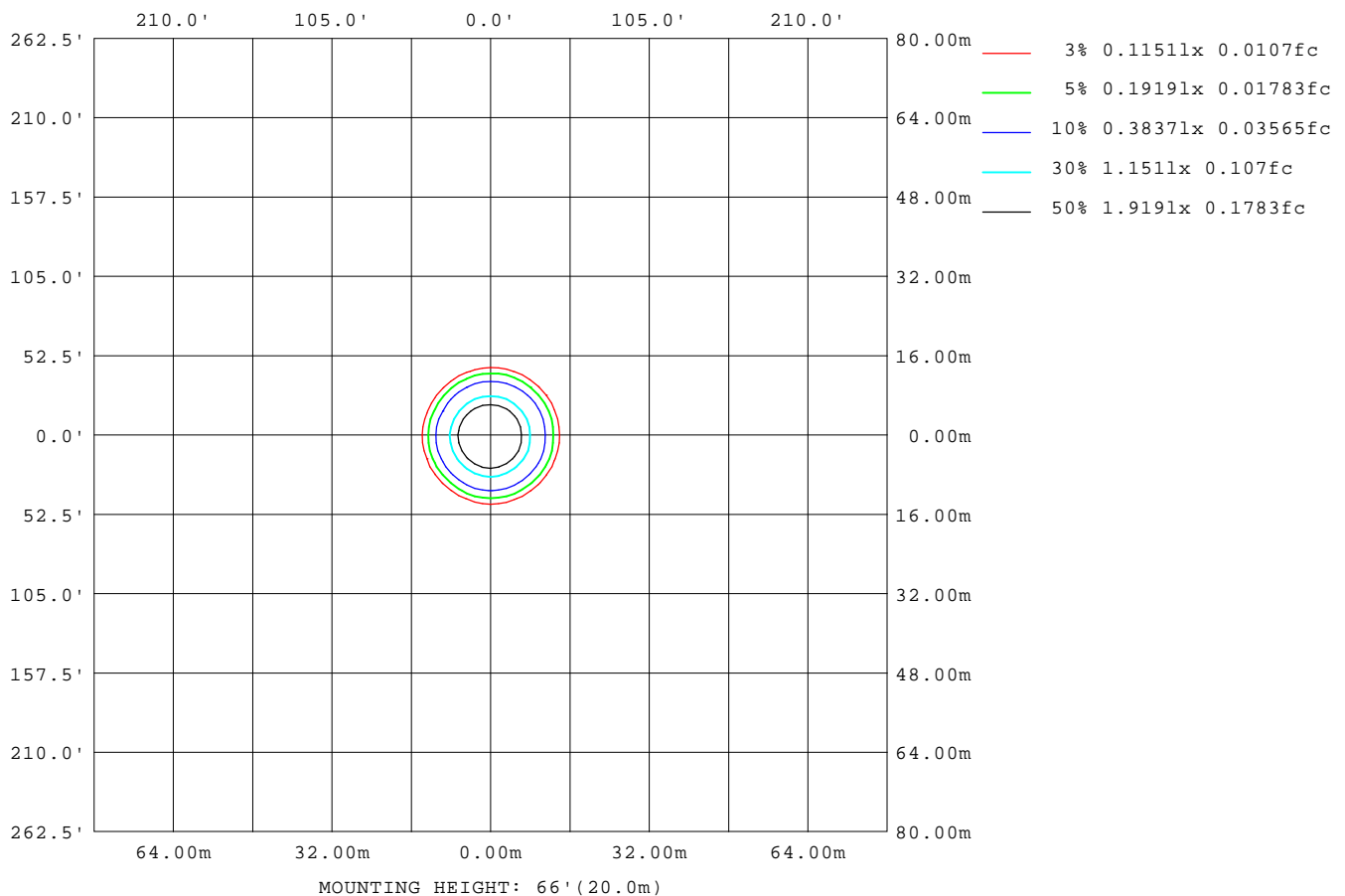
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Zoe  
Test Date: 2022-10-19

γ Range: 0 - 180DEG  
γ 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: CMA1306-0000-000F0U0A30G Ra: 90  
LENS: PM-1084B 36R  
NO DRIVER: 500mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:18.700V I:0.4998A P:9.3463W PF:1.0000 Freq:59.98Hz Lamp Flux:919.82x1 lm		
NAME: 2118.564-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2210191018
MFR.: RISE	SUR.: 0.001256m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: Zoe  
Test Date: 2022-10-19

γ Range: 0 - 180DEG  
γ 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: CMA1306-0000-000F0U0A30G Ra: 90  
LENS: PM-1084B 36R  
NO DRIVER: 500mA  
30minutes warm-up

### LED Avg.L Report

Test:U:18.700V I:0.4998A P:9.3463W PF:1.0000 Freq:59.98Hz Lamp Flux:919.82x1 lm		
NAME: 2118.564-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2210191018
MFR.: RISE	SUR.: 0.001256m2	Shielding Angle:

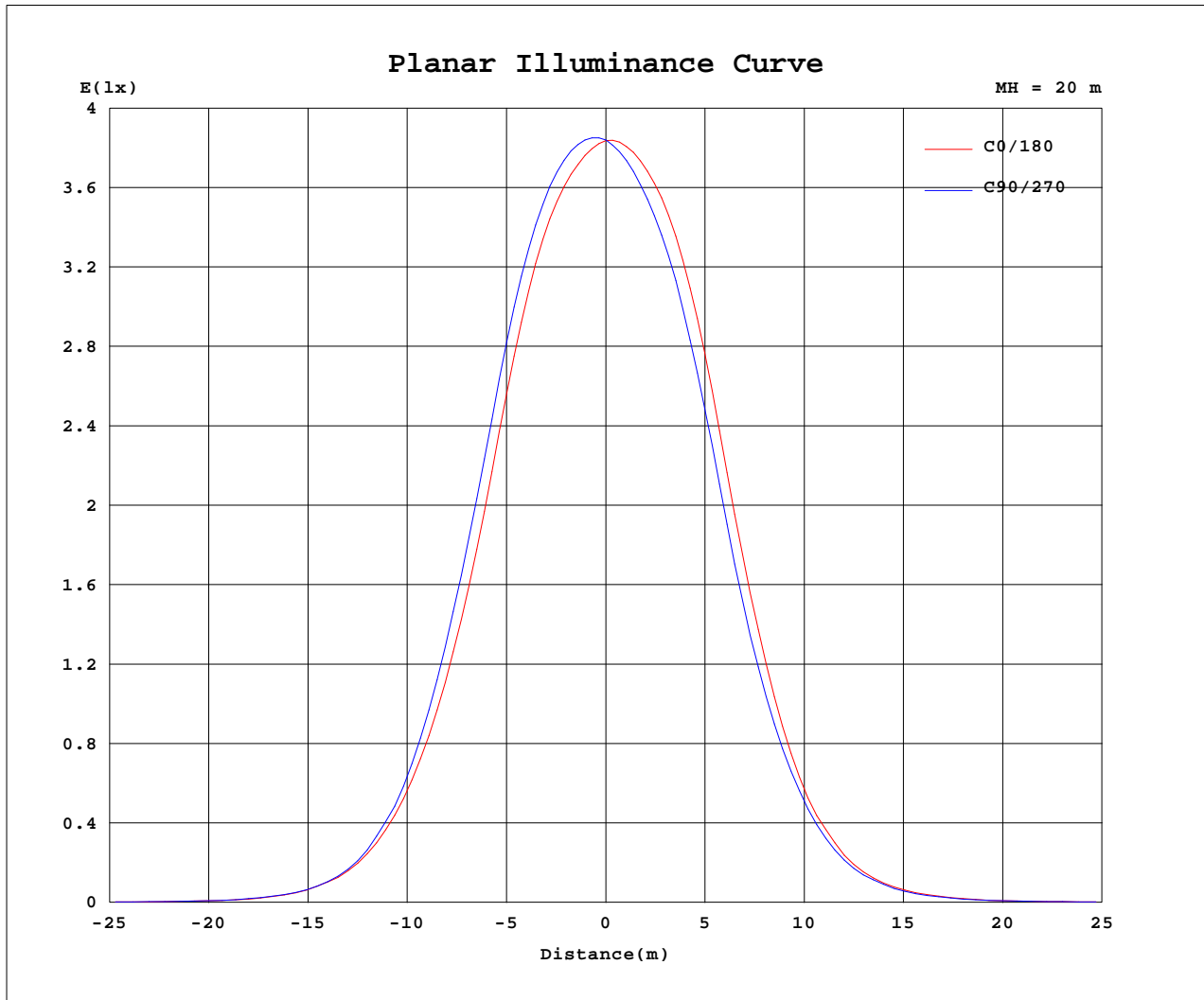
AvgL	cd/m2
L_0~180(65)av	3621
L_0~180(75)av	1903
L_0~180(85)av	1563
L_90~270(65)av	3570
L_90~270(75)av	1902
L_90~270(85)av	1540
L_45(65)av	3595
L_45(75)av	1880
L_45(85)av	1474

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-10-19

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS:PM-1084B 36R  
NO DRIVER:500mA  
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: 2022-10-19

γ Range: 0 - 180DEG  
 γ 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: CMA1306-0000-000F0U0A30G Ra: 90  
 LENS: PM-1084B 36R  
 NO DRIVER: 500mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:18.700V I:0.4998A P:9.3463W PF:1.0000 Freq:59.98Hz Lamp Flux:919.82x1 lm		
NAME: 2118.564-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2210191018
MFR.: RISE	SUR.: 0.001256m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1537	1537	1537	1537	1537	1537	1537	1537	1537	1537	1537	1537						
5	1486	1504	1519	1532	1529	1522	1513	1492	1476	1463	1466	1475						
10	1349	1388	1413	1429	1421	1416	1407	1364	1332	1312	1322	1335						
15	1054	1112	1141	1170	1160	1148	1145	1090	1054	1022	1035	1045						
20	688	737	758	795	777	759	753	698	673	650	665	676						
25	390	419	426	446	423	408	405	370	362	356	374	383						
30	186	202	196	206	188	188	186	163	163	163	177	185						
35	76.3	77.4	78.3	76.7	73.7	72.6	71.9	67.0	64.8	67.0	70.8	77.2						
40	27.3	28.1	27.9	28.6	27.6	28.5	28.6	26.8	27.0	25.9	27.6	28.5						
45	11.0	11.2	11.2	11.2	10.9	11.1	11.4	11.5	11.6	10.9	11.2	11.4						
50	5.63	5.73	5.82	6.13	6.14	6.28	6.50	6.47	6.41	6.02	5.91	5.90						
55	3.48	3.51	3.62	3.80	3.96	4.06	4.20	4.21	4.07	3.81	3.66	3.58						
60	2.67	2.73	2.85	3.01	3.13	3.20	3.31	3.32	3.22	3.00	2.83	2.74						
65	1.60	1.70	1.81	2.00	2.08	2.13	2.25	2.16	2.01	1.79	1.72	1.66						
70	0.88	0.90	0.94	0.98	0.98	0.97	0.98	0.94	0.91	0.88	0.87	0.87						
75	0.58	0.60	0.62	0.66	0.66	0.65	0.66	0.62	0.60	0.58	0.57	0.58						
80	0.34	0.35	0.37	0.40	0.40	0.39	0.41	0.38	0.35	0.34	0.33	0.33						
85	0.14	0.15	0.16	0.19	0.19	0.19	0.20	0.18	0.16	0.15	0.14	0.14						
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  
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