

## Luminaire Photograph



Light Output Ratio:	61.7%	
Luminaire Power:	28.06 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: 2024-7-29

Range: 0 - 180DEG  
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: BXRE-30G2000-C-83 Ra:90  
LENS: PM-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

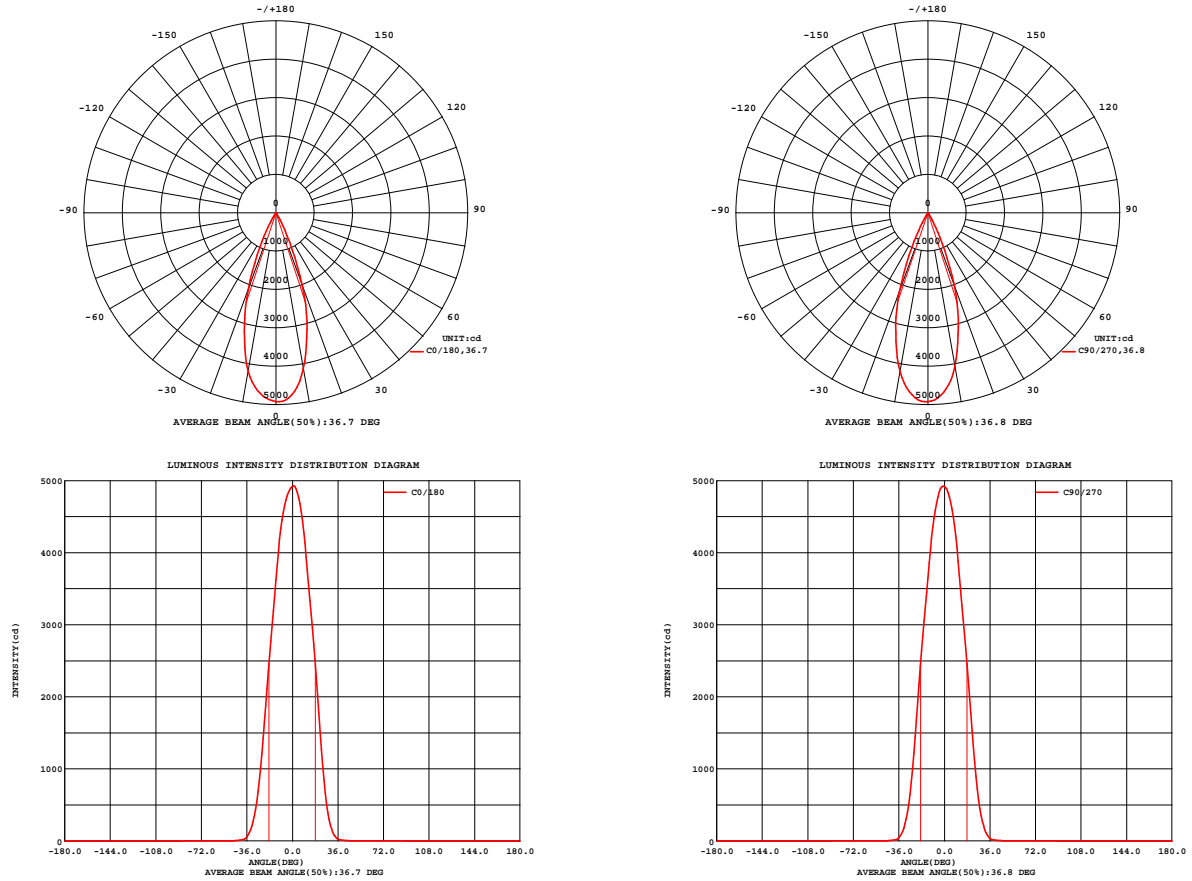


Fig. C0/C180

Fig. C90/C270

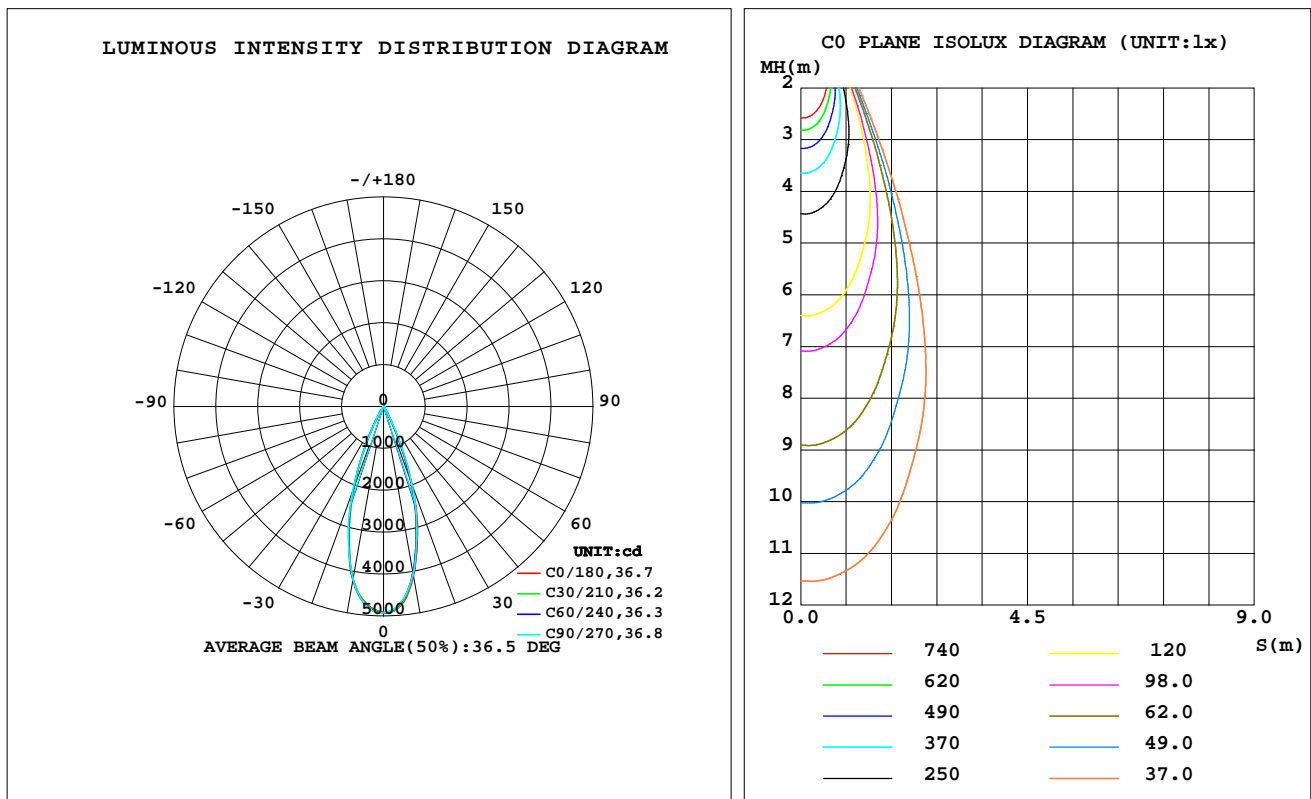
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-29

Range: 0 - 180DEG  
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: BXRE-30G2000-C-83 Ra: 90  
LENS: PM-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.10V I:0.2355A P:28.059W PF:0.9907 Freq:59.98Hz Lamp Flux:2916.19x1 lm		
NAME: 2318.166-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407290960
MFR.: RISE	SUR.: 0.001734065m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.08 lm/W
MODEL	Bridgelux	I <sub>max</sub> (cd)	4929	S/MH(C0/180)		0.59
NOMINAL POWER(W)	28	LOR(%)	61.7	S/MH(C90/270)		0.59
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1798.2	UP,DN(C0-180)		0.0,30.1
NOMINAL FLUX(lm)	2916.19	CIE CLASS	DIRECT	UP,DN(C180-360)		0.0,31.6
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	120	down(%)	61.7	CIBSE SHR MAX		0.60



C Range: 0 - 360DEG  
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Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-29

Range: 0 - 180DEG  
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:BXRE-30G2000-C-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

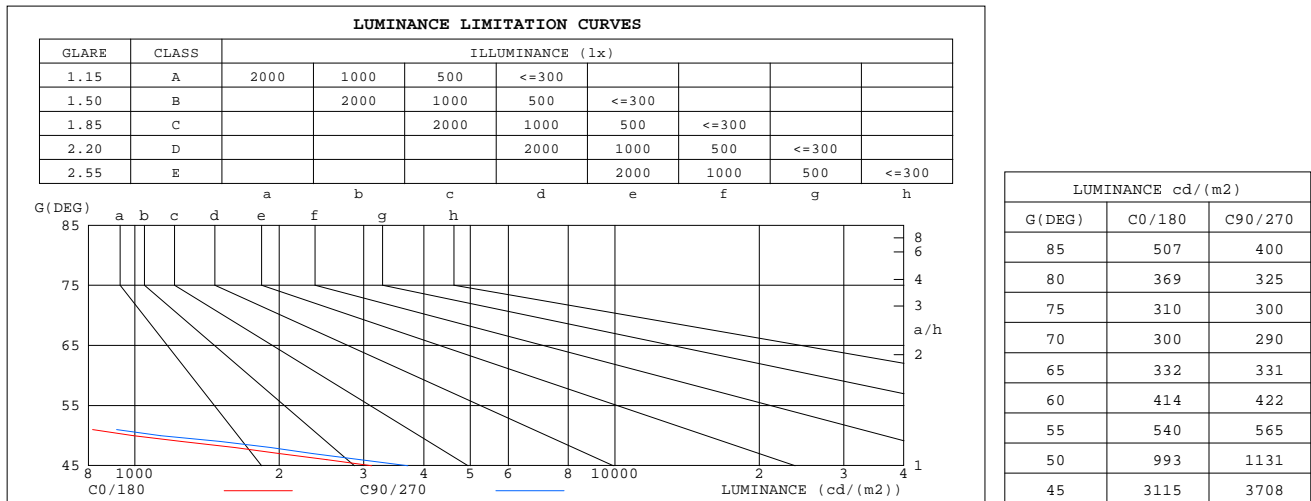
	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	4122	4049	4066	4100	4189	4203	4201	4164	0- 10	433.1	433.1	24.1,14.9
20	2019	1934	1999	2075	2115	2112	2175	2140	10- 20	859.5	1293	71.9,44.3
30	221.3	233.1	272.9	322.7	340.7	318.7	308.2	259.0	20- 30	446.8	1740	96.7,59.7
40	9.674	10.42	12.51	14.71	14.24	12.80	11.18	8.974	30- 40	53.80	1793	99.7,61.5
50	1.107	1.166	1.260	1.414	1.563	1.536	1.351	1.220	40- 50	3.845	1797	99.9,61.6
60	0.3591	0.3501	0.3657	0.3756	0.3728	0.3665	0.3689	0.3520	50- 60	0.5598	1798	100,61.6
70	0.1781	0.1637	0.1718	0.1694	0.1773	0.1671	0.1659	0.1589	60- 70	0.2448	1798	100,61.7
80	0.1110	0.0857	0.0980	0.0930	0.1115	0.0896	0.0940	0.0790	70- 80	0.1340	1798	100,61.7
90	0	0	0	0	0	0	0	0	80- 90	0.0567	1798	100,61.7
100	0	0	0	0	0	0	0	0	90-100	0	1798	100,61.7
110	0	0	0	0	0	0	0	0	100-110	0	1798	100,61.7
120	0	0	0	0	0	0	0	0	110-120	0	1798	100,61.7
130	0	0	0	0	0	0	0	0	120-130	0	1798	100,61.7
140	0	0	0	0	0	0	0	0	130-140	0	1798	100,61.7
150	0	0	0	0	0	0	0	0	140-150	0	1798	100,61.7
160	0	0	0	0	0	0	0	0	150-160	0	1798	100,61.7
170	0	0	0	0	0	0	0	0	160-170	0	1798	100,61.7
180	0	0	0	0	0	0	0	0	170-180	0	1798	100,61.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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Temperature:25.3℃  
Operators:zoe  
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Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
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Remarks: LAMP:BXRE-30G2000-C-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.10V I:0.2355A P:28.059W PF:0.9907 Freq:59.98Hz Lamp Flux:2916.19x1 lm		
NAME: 2318.166-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407290960
MFR.: RISE	SUR.: 0.001734065m2	Shielding Angle:



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## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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Lamp Flux:2916.19x1 lm

NAME: 2318.166-ACOT-84-AM

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

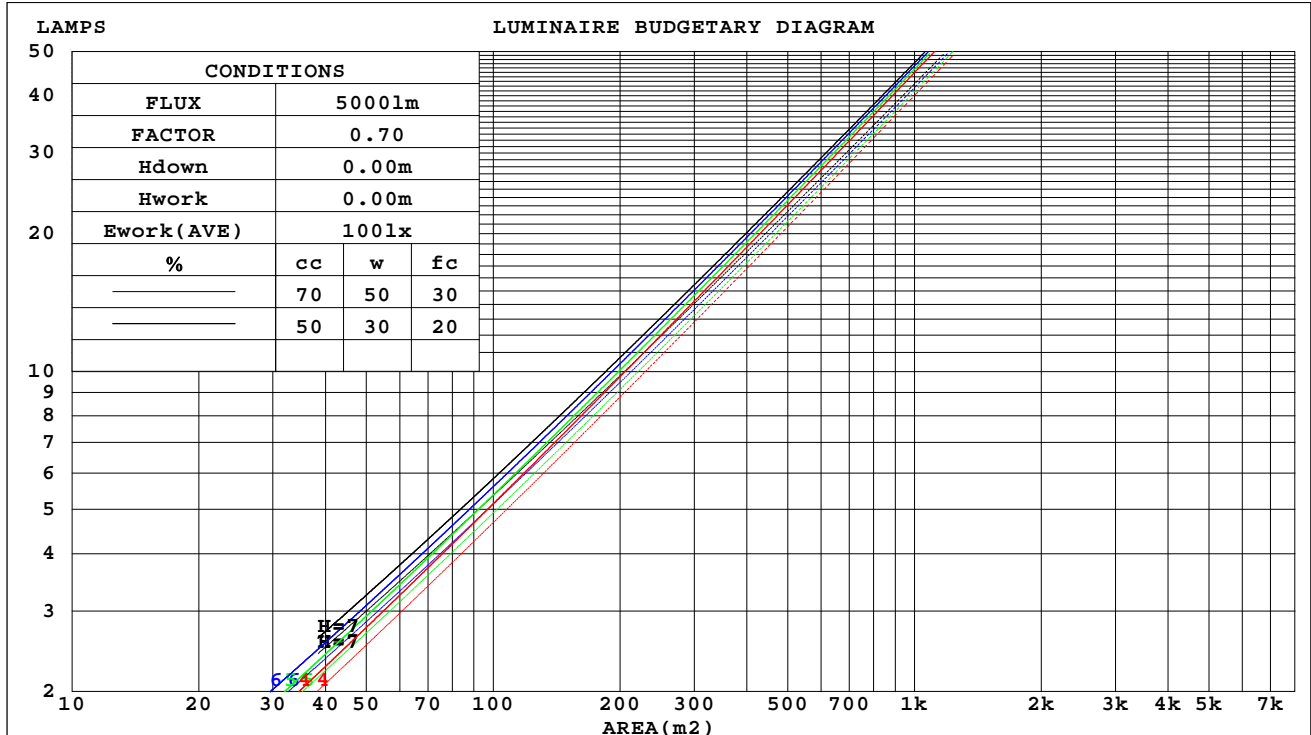
SERIAL No.: 2407290960

MFR.: RISE

SUR.: 0.001734065m2

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	.73	.73	.73	.72	.72	.72	.69	.69	.69	.66	.66	.66	.63	.63	.63	.62	
1.0	.69	.68	.67	.68	.67	.66	.66	.65	.64	.63	.63	.62	.61	.61	.60	.59	
2.0	.66	.64	.62	.65	.63	.62	.63	.62	.60	.61	.60	.59	.60	.59	.58	.57	
3.0	.63	.60	.59	.62	.60	.58	.60	.59	.57	.59	.58	.56	.58	.57	.55	.55	
4.0	.60	.57	.55	.59	.57	.55	.58	.56	.55	.57	.55	.54	.56	.55	.53	.53	
5.0	.58	.55	.53	.57	.54	.53	.56	.54	.52	.55	.53	.52	.54	.53	.51	.51	
6.0	.55	.53	.51	.55	.52	.50	.54	.52	.50	.53	.51	.50	.52	.51	.49	.49	
7.0	.53	.50	.48	.53	.50	.48	.52	.50	.48	.51	.49	.48	.51	.49	.48	.47	
8.0	.51	.48	.47	.51	.48	.46	.50	.48	.46	.50	.48	.46	.49	.47	.46	.45	
9.0	.49	.47	.45	.49	.47	.45	.49	.46	.45	.48	.46	.44	.48	.46	.44	.44	
10.0	.48	.45	.43	.48	.45	.43	.47	.45	.43	.47	.45	.43	.46	.44	.43	.42	



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30minutes warm-up

### WEC AND CCEC

Test:U:120.10V I:0.2355A P:28.059W PF:0.9907 Freq:59.98Hz Lamp Flux:2916.19x1 lm		
NAME: 2318.166-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407290960
MFR.: RISE	SUR.: 0.001734065m2	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	.089	.050	.016	.085	.048	.015	.077	.044	.014	.070	.040	.013	.063	.037	.012	
2.0	.083	.045	.014	.079	.044	.013	.073	.041	.013	.067	.038	.012	.062	.035	.011	
3.0	.078	.041	.012	.075	.040	.012	.069	.038	.011	.065	.035	.011	.060	.033	.010	
4.0	.073	.038	.011	.071	.037	.011	.066	.035	.010	.062	.033	.010	.058	.032	.010	
5.0	.069	.035	.010	.067	.035	.010	.063	.033	.010	.060	.032	.009	.056	.030	.009	
6.0	.066	.033	.009	.064	.032	.009	.061	.031	.009	.058	.030	.009	.055	.029	.009	
7.0	.063	.031	.009	.061	.031	.009	.058	.030	.009	.056	.029	.008	.053	.028	.008	
8.0	.060	.029	.008	.059	.029	.008	.056	.028	.008	.054	.027	.008	.052	.026	.008	
9.0	.058	.028	.008	.057	.028	.008	.054	.027	.008	.052	.026	.007	.050	.025	.007	
10.0	.056	.027	.007	.054	.026	.007	.052	.026	.007	.050	.025	.007	.049	.024	.007	

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	.117	.117	.117	.100	.100	.100	.069	.069	.069	.039	.039	.039	.013	.013	.013	
1.0	.104	.097	.091	.089	.083	.078	.061	.057	.054	.035	.033	.031	.011	.011	.010	
2.0	.093	.082	.072	.080	.070	.062	.055	.049	.044	.032	.028	.026	.010	.009	.008	
3.0	.084	.070	.058	.072	.060	.051	.050	.042	.036	.029	.024	.021	.009	.008	.007	
4.0	.077	.060	.048	.066	.052	.042	.045	.036	.029	.026	.021	.017	.008	.007	.006	
5.0	.071	.053	.040	.061	.046	.035	.042	.032	.025	.024	.019	.015	.008	.006	.005	
6.0	.065	.047	.034	.056	.041	.029	.039	.028	.021	.023	.017	.012	.007	.005	.004	
7.0	.061	.042	.029	.052	.036	.025	.036	.025	.018	.021	.015	.011	.007	.005	.003	
8.0	.057	.038	.025	.049	.033	.021	.034	.023	.015	.020	.014	.009	.006	.004	.003	
9.0	.054	.034	.021	.046	.030	.019	.032	.021	.013	.019	.012	.008	.006	.004	.003	
10.0	.051	.032	.019	.044	.027	.016	.030	.019	.012	.018	.011	.007	.006	.004	.002	

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30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.10V I:0.2355A P:28.059W PF:0.9907 Freq:59.98Hz Lamp Flux:2916.19x1 lm										
NAME: 2318.166-ACOT-84-AM					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407290960		
MFR.: RISE					SUR.: 0.001734065m2			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	4.8	5.5	5.0	5.6	5.8	6.0	6.7	6.2	6.9	7.0
	3H	4.6	5.3	4.8	5.4	5.6	5.9	6.5	6.1	6.7
	4H	4.5	5.2	4.8	5.4	5.6	5.8	6.4	6.1	6.6
	6H	4.4	5.0	4.7	5.3	5.5	5.7	6.3	6.0	6.5
	8H	4.4	5.0	4.7	5.2	5.5	5.7	6.2	6.0	6.5
	12H	4.4	4.9	4.7	5.2	5.4	5.6	6.2	5.9	6.4
4H	2H	4.5	5.1	4.8	5.4	5.6	5.8	6.4	6.1	6.6
	3H	4.4	4.9	4.7	5.2	5.4	5.6	6.2	5.9	6.4
	4H	4.3	4.8	4.6	5.0	5.4	5.5	6.0	5.9	6.3
	6H	4.2	4.6	4.5	4.9	5.3	5.4	5.9	5.8	6.2
	8H	4.1	4.5	4.5	4.9	5.2	5.4	5.8	5.8	6.1
	12H	4.1	4.4	4.5	4.8	5.2	5.3	5.7	5.7	6.1
8H	4H	4.1	4.5	4.5	4.9	5.2	5.4	5.8	5.8	6.1
	6H	4.0	4.3	4.4	4.7	5.1	5.3	5.6	5.7	6.0
	8H	3.9	4.2	4.4	4.7	5.1	5.2	5.5	5.6	5.9
	12H	3.9	4.1	4.4	4.6	5.1	5.1	5.4	5.6	5.8
12H	4H	4.1	4.4	4.5	4.8	5.2	5.3	5.7	5.7	6.1
	6H	3.9	4.2	4.4	4.7	5.1	5.2	5.5	5.6	5.9
	8H	3.9	4.1	4.4	4.6	5.1	5.1	5.4	5.6	5.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.9 / - 9.5					+ 4.6 / -11.0				
1.5H	+ 6.3 / - 9.0					+ 7.1 / -10.4				
2.0H	+ 6.3 / - 3.5					+ 7.0 / - 4.0				

CIE Pub.117, 2916 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.7)  
Area: 0.00173407 m2

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30minutes warm-up



### UTILIZATION FACTORS TABLE

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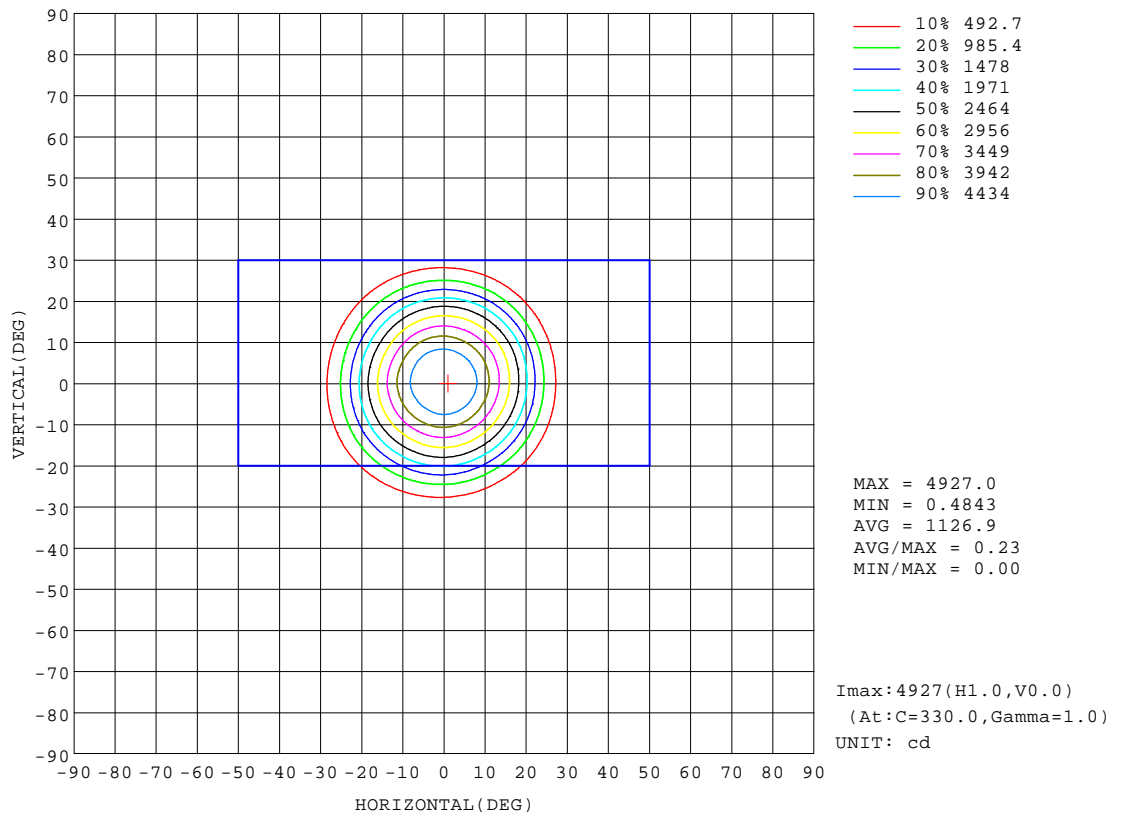
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	53	51	56	53	51	56	53	51	49
0.80	61	57	55	60	57	55	60	57	55	53
1.00	63	60	58	62	60	58	61	59	57	55
1.25	65	62	60	64	62	60	63	61	60	57
1.50	67	64	62	66	63	62	64	63	61	59
2.00	68	66	64	67	65	63	65	64	62	59
2.50	69	67	65	68	66	64	66	64	63	60
3.00	70	68	66	68	67	65	66	65	64	60
4.00	71	69	68	69	68	67	67	66	65	61
5.00	71	70	69	70	69	68	68	67	66	62
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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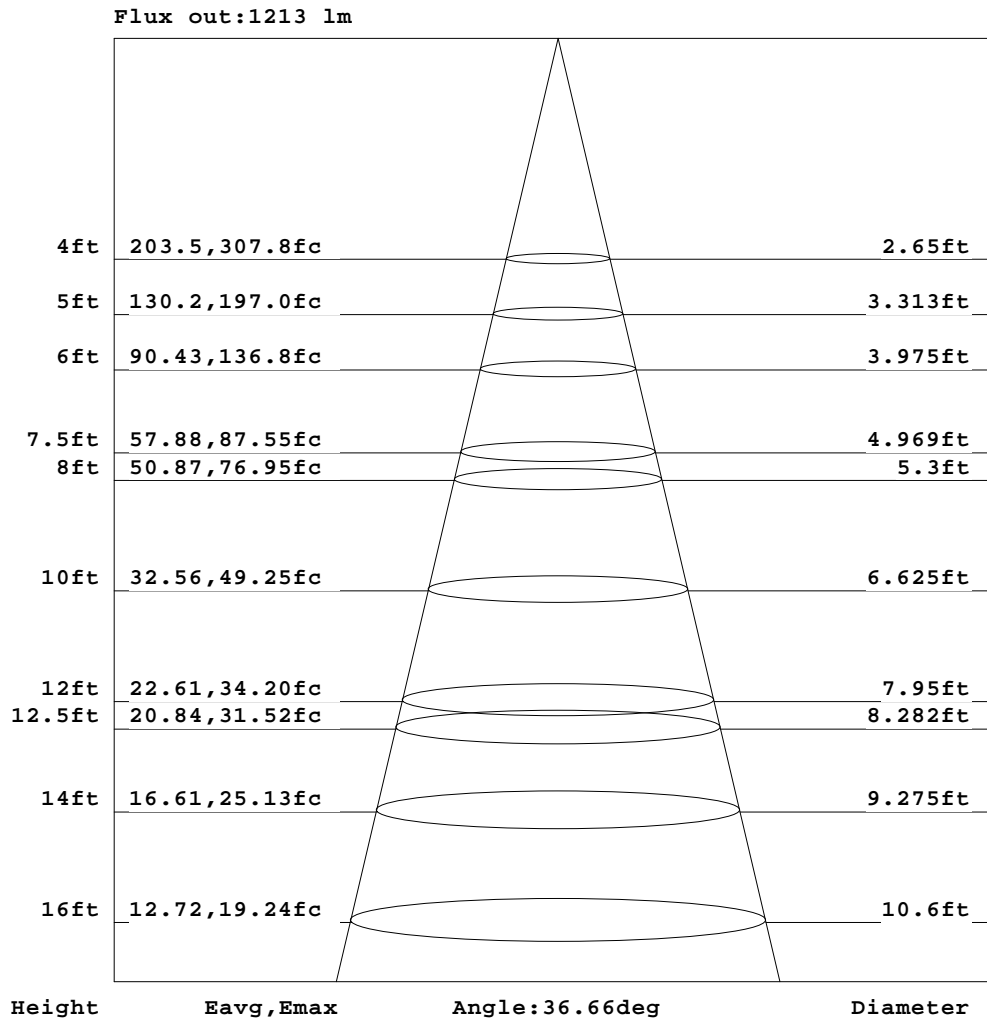


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DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## AAI Figure

Test:U:120.10V I:0.2355A P:28.059W PF:0.9907 Freq:59.98Hz Lamp Flux:2916.19x1 lm		
NAME: 2318.166-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407290960
MFR.: RISE	SUR.: 0.001734065m2	Shielding Angle:



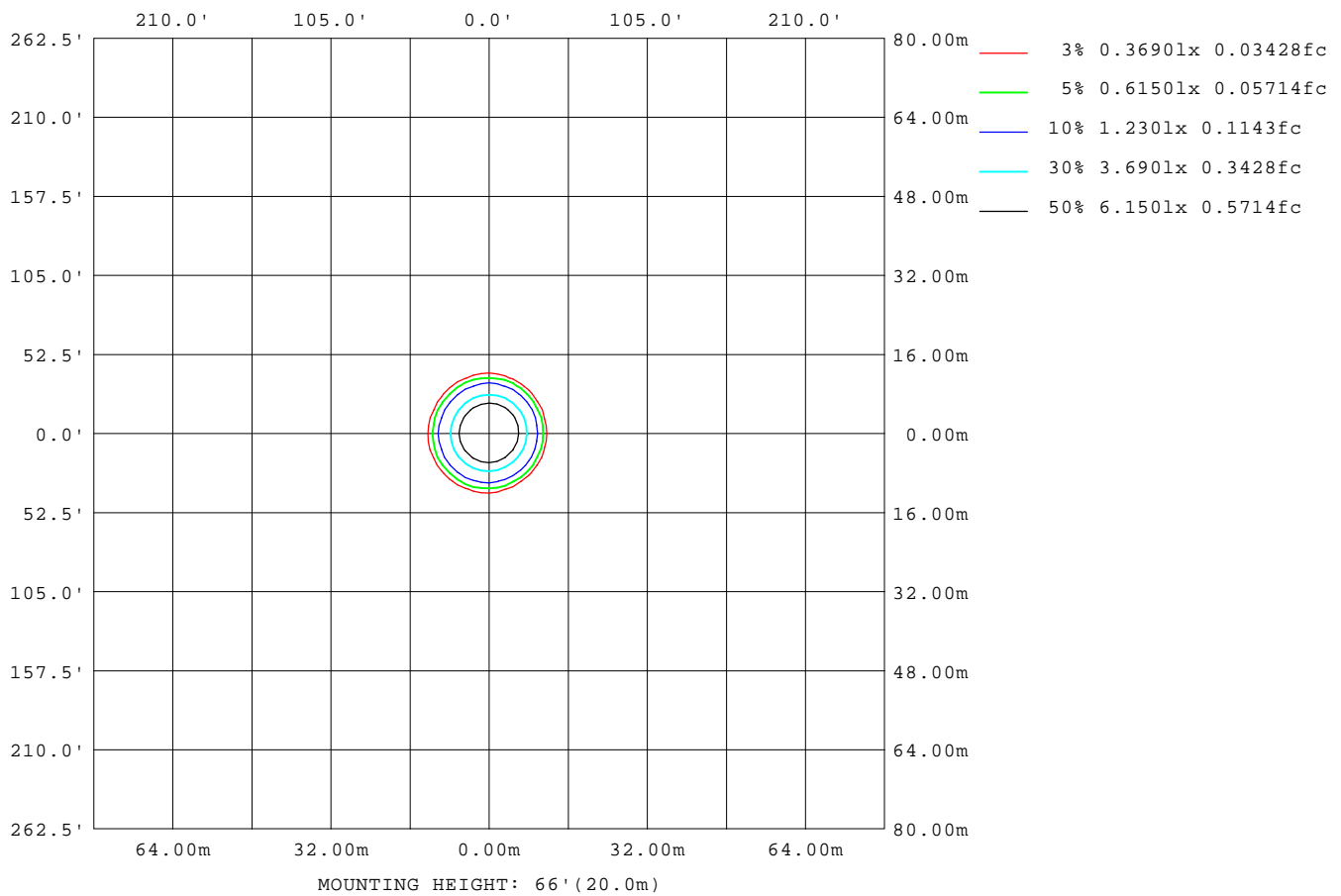
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2024-7-29

Range: 0 - 180DEG  
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: BXRE-30G2000-C-83 Ra: 90  
LENS: PM-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.10V I:0.2355A P:28.059W PF:0.9907 Freq:59.98Hz Lamp Flux:2916.19x1 lm		
NAME: 2318.166-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407290960
MFR.: RISE	SUR.: 0.001734065m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3 °C  
Operators:zoe  
Test Date:2024-7-29

Range: 0 - 180DEG  
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:BXRE-30G2000-C-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

### LED Avg.L Report

Test:U:120.10V I:0.2355A P:28.059W PF:0.9907 Freq:59.98Hz Lamp Flux:2916.19x1 lm		
NAME: 2318.166-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407290960
MFR.: RISE	SUR.: 0.001734065m2	Shielding Angle:

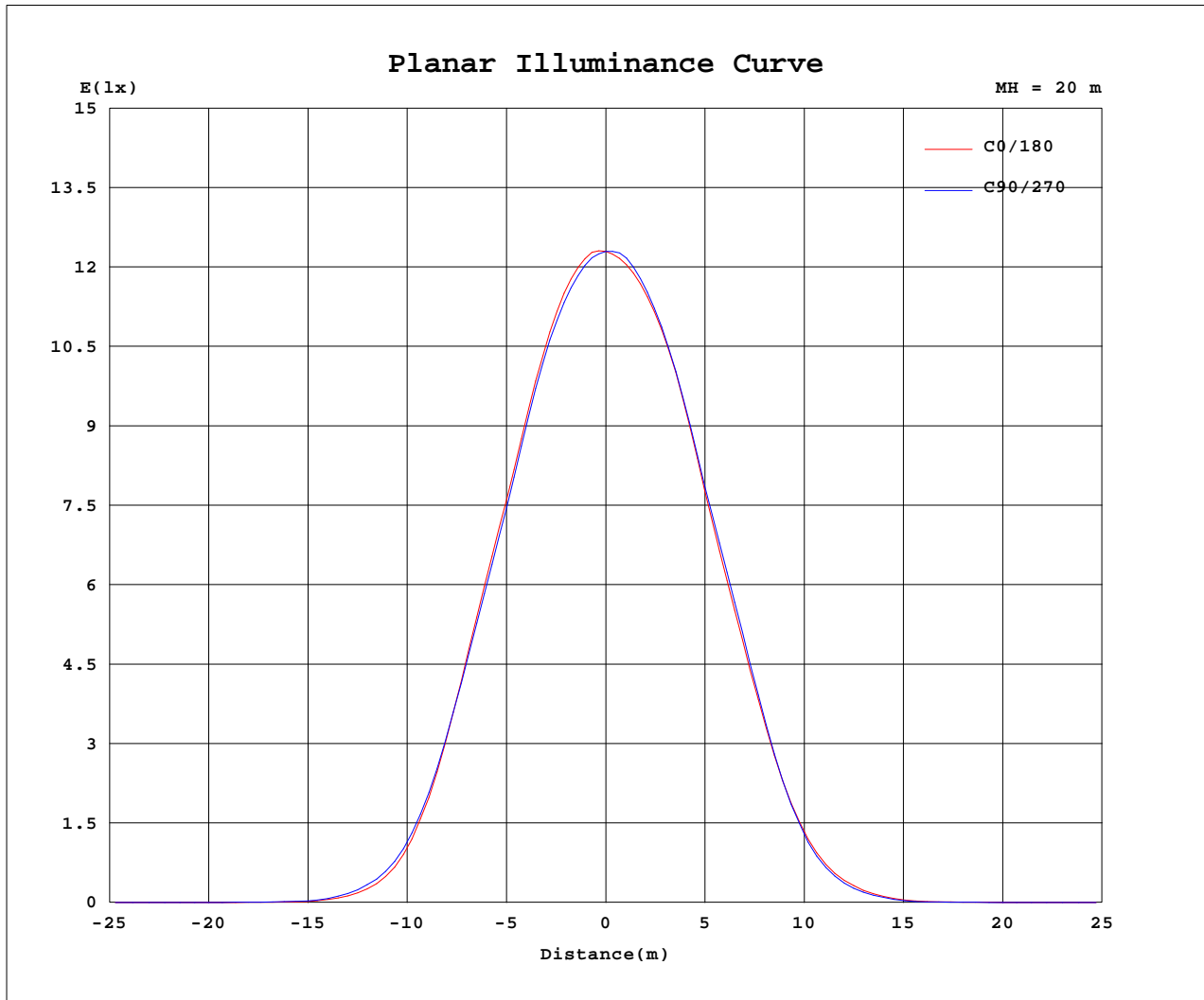
AvgL	cd/m2
L_0~180(65)av	334
L_0~180(75)av	314
L_0~180(85)av	491
L_90~270(65)av	331
L_90~270(75)av	288
L_90~270(85)av	387
L_45(65)av	322
L_45(75)av	265
L_45(85)av	267

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-29

Range: 0 - 180DEG  
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:BXRE-30G2000-C-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
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: 2024-7-29

Range: 0 - 180DEG  
 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: BXRE-30G2000-C-83 Ra:90  
 LENS: PM-1083A 24R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.10V I:0.2355A P:28.059W PF:0.9907 Freq:59.98Hz Lamp Flux:2916.19x1 lm		
NAME: 2318.166-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407290960
MFR.: RISE	SUR.: 0.001734065m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	4918	4918	4918	4918	4918	4918	4918	4918	4918	4918	4918	4918						
5	4764	4741	4711	4697	4684	4697	4725	4746	4764	4768	4770	4772						
10	4122	4056	4041	4066	4072	4128	4189	4186	4220	4201	4167	4161						
15	3145	3055	3031	3074	3087	3149	3195	3172	3229	3251	3236	3220						
20	2019	1944	1924	1999	2045	2105	2115	2086	2138	2175	2162	2119						
25	853	816	828	897	953	1018	1013	979	1002	1001	972	901						
30	221	232	234	273	307	338	341	318	319	308	279	239						
35	42.1	43.5	47.3	57.9	72.9	81.3	84.7	79.4	75.1	70.8	56.5	45.5						
40	9.67	10.0	10.8	12.5	14.3	15.1	14.2	13.2	12.4	11.2	9.22	8.73						
45	3.82	3.85	3.77	4.55	5.28	5.42	5.00	4.72	4.58	4.37	3.64	3.69						
50	1.11	1.10	1.23	1.26	1.36	1.46	1.56	1.51	1.56	1.35	1.33	1.11						
55	0.54	0.53	0.54	0.56	0.58	0.60	0.59	0.58	0.58	0.57	0.54	0.53						
60	0.36	0.35	0.35	0.37	0.37	0.38	0.37	0.37	0.37	0.37	0.35	0.35						
65	0.24	0.23	0.23	0.24	0.24	0.24	0.25	0.24	0.24	0.24	0.23	0.23						
70	0.18	0.16	0.16	0.17	0.17	0.17	0.18	0.17	0.17	0.17	0.16	0.16						
75	0.14	0.12	0.12	0.13	0.13	0.13	0.14	0.12	0.12	0.12	0.11	0.12						
80	0.11	0.08	0.09	0.10	0.09	0.09	0.11	0.09	0.09	0.09	0.08	0.08						
85	0.08	0.05	0.05	0.06	0.03	0.05	0.07	0.05	0.04	0.06	0.04	0.04						
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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