

Luminaire Photograph



Light Output Ratio:	72.4%	
Luminaire Power:	3.212 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: 2024-11-12

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: BXCP-30G-11L-J11-3-A1-00-0-0 Ra: 90
LENS: PM-0137 30R
NOT DRIVER: 350mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

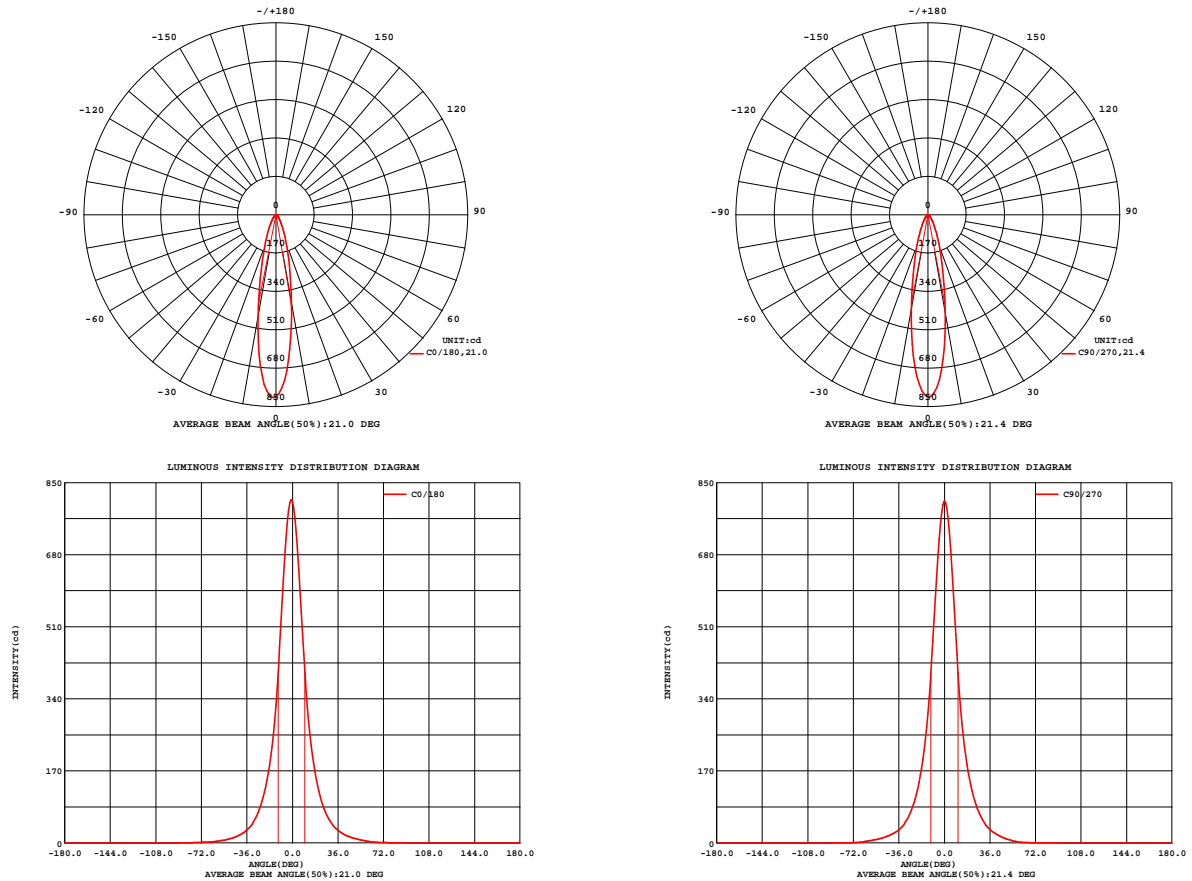


Fig. C0/C180

Fig. C90/C270

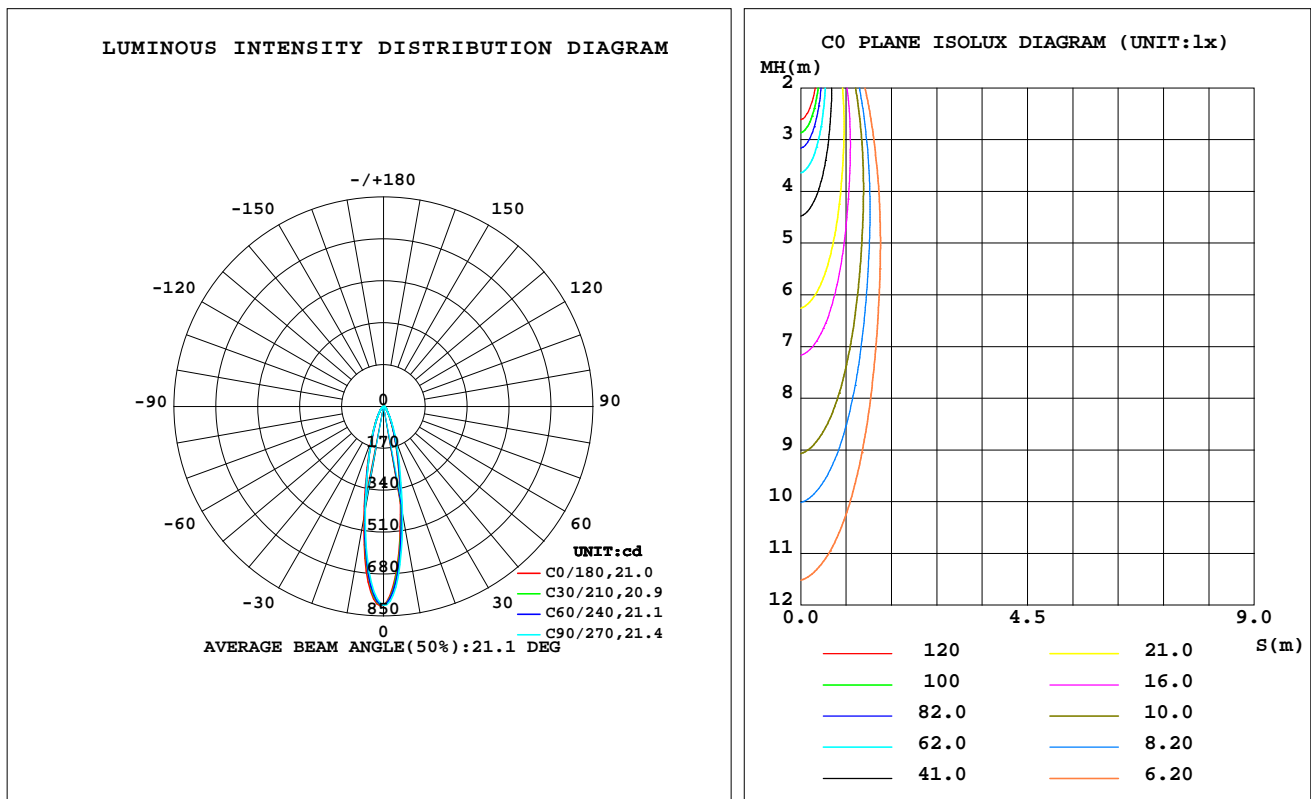
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NOT DRIVER: 350mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:9.1797V I:0.3499A P:3.2120W PF:1.0000 Freq:59.98Hz Lamp Flux:289x1 lm		
NAME: 2468.112	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2411121385
MFR.: RISE	SUR.: 0.00024m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.13 lm/W			
MODEL	Brideglux	Imax(cd)	810.0	S/MH(C0/180)	0.38
NOMINAL POWER(W)	3	LOR(%)	72.4	S/MH(C90/270)	0.36
RATED VOLTAGE(V)	10	TOTAL FLUX(lm)	209.19	η UP,DN(C0-180)	0.0,36.2
NOMINAL FLUX(lm)	289	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,36.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	10	η down(%)	72.4	CIBSE SHR MAX	0.30



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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	398.8	414.8	443.1	464.4	461.0	439.9	427.9	412.1	0- 10	56.72	56.72	27.1,19.6
20	135.6	139.5	150.2	155.4	148.0	140.9	142.5	141.3	10- 20	69.58	126.3	60.4,43.7
30	50.60	52.21	55.63	56.81	53.03	50.76	52.14	53.16	20- 30	40.60	166.9	79.8,57.8
40	21.97	22.20	22.97	22.44	21.63	21.77	22.80	23.62	30- 40	21.76	188.7	90.2,65.3
50	10.05	9.249	8.752	8.916	9.407	9.979	10.93	11.08	40- 50	11.71	200.4	95.8,69.3
60	3.777	3.180	1.883	3.315	3.988	4.394	4.928	4.524	50- 60	5.849	206.2	98.6,71.4
70	1.257	0.9358	0.6351	1.153	1.604	1.403	1.221	1.322	60- 70	2.151	208.4	99.6,72.1
80	0.3434	0.1139	0.0123	0.2210	0.5363	0.2751	0.1052	0.2472	70- 80	0.7301	209.1	100,72.4
90	0	0	0	0	0	0	0	0	80- 90	0.0806	209.2	100,72.4
100	0	0	0	0	0	0	0	0	90-100	0	209.2	100,72.4
110	0	0	0	0	0	0	0	0	100-110	0	209.2	100,72.4
120	0	0	0	0	0	0	0	0	110-120	0	209.2	100,72.4
130	0	0	0	0	0	0	0	0	120-130	0	209.2	100,72.4
140	0	0	0	0	0	0	0	0	130-140	0	209.2	100,72.4
150	0	0	0	0	0	0	0	0	140-150	0	209.2	100,72.4
160	0	0	0	0	0	0	0	0	150-160	0	209.2	100,72.4
170	0	0	0	0	0	0	0	0	160-170	0	209.2	100,72.4
180	0	0	0	0	0	0	0	0	170-180	0	209.2	100,72.4
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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Humidity:65.0%
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NOT DRIVER:350mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:9.1797V I:0.3499A P:3.2120W PF:1.0000 Freq:59.98Hz
Lamp Flux:289x1 lm

NAME: 2468.112

TYPE:

WEIGHT:

SPEC.: 3000K

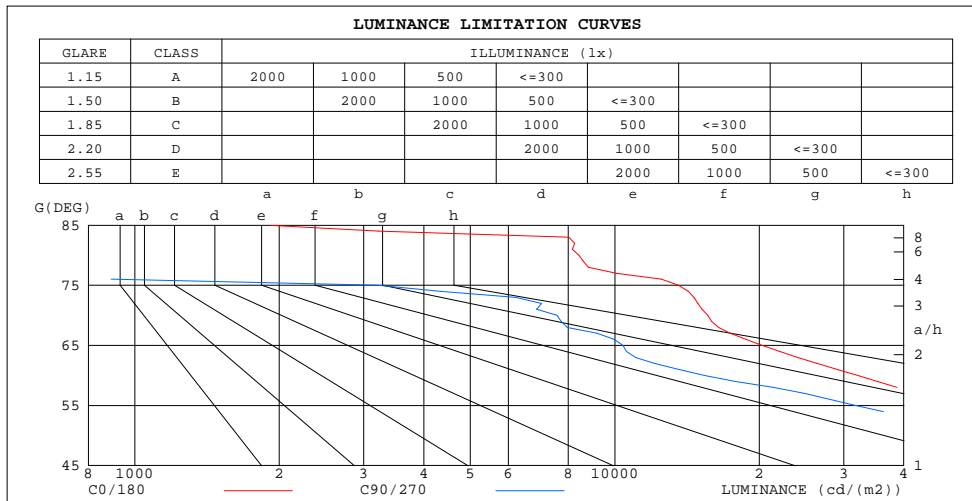
DIM.:

SERIAL No.: 2411121385

MFR.: RISE

SUR.: 0.00024m2

Shielding Angle:



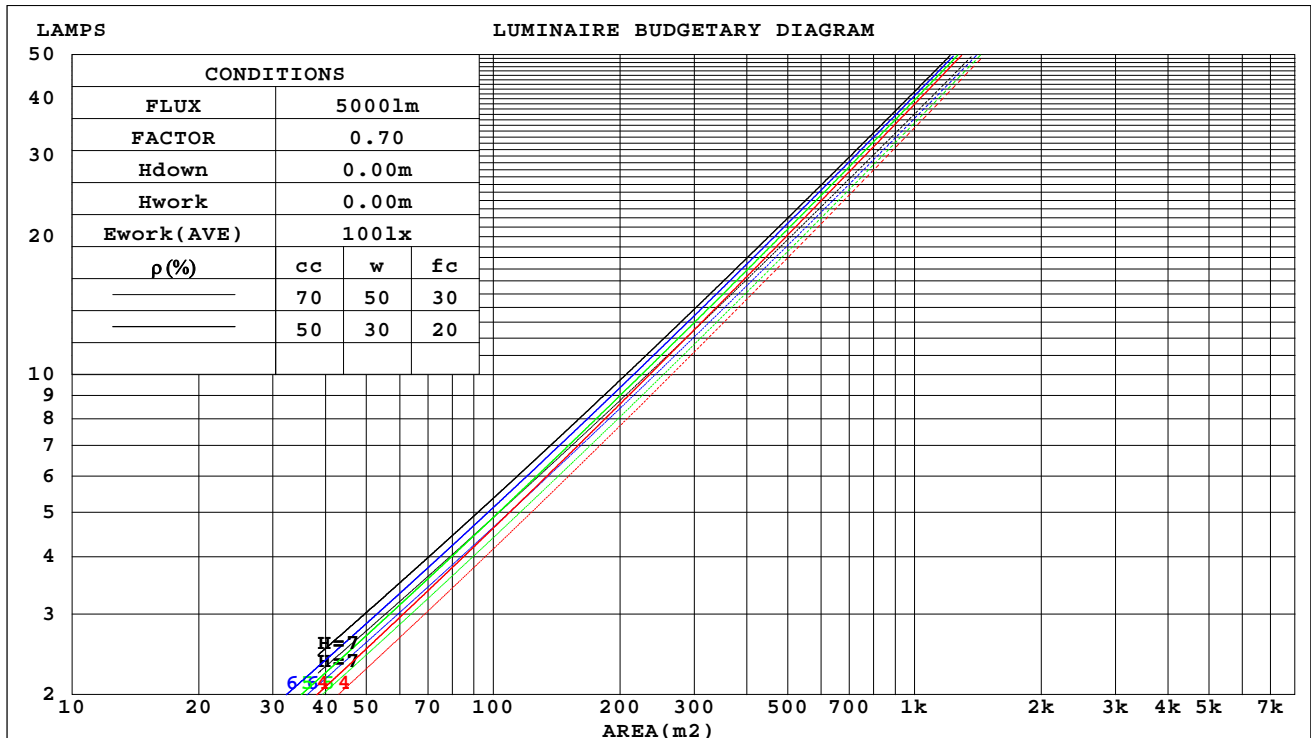
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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NAME: 2468.112	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2411121385
MFR.: RISE	SUR.: 0.00024m2	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															
	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	.79	.78	.79	.78	.76	.76	.75	.74	.74	.73	.72	.71	.70	.70	.69
2.0	.76	.73	.71	.75	.72	.70	.72	.70	.69	.70	.69	.67	.68	.67	.66	.65
3.0	.72	.68	.66	.71	.68	.65	.69	.66	.64	.67	.65	.63	.65	.64	.62	.61
4.0	.68	.64	.62	.67	.64	.61	.65	.63	.60	.64	.62	.60	.63	.61	.59	.58
5.0	.64	.61	.58	.64	.60	.58	.63	.60	.57	.61	.59	.57	.60	.58	.56	.55
6.0	.61	.58	.55	.61	.57	.55	.60	.57	.54	.59	.56	.54	.58	.56	.54	.53
7.0	.59	.55	.52	.58	.55	.52	.57	.54	.52	.57	.54	.52	.56	.53	.51	.51
8.0	.56	.53	.50	.56	.52	.50	.55	.52	.50	.54	.52	.50	.54	.51	.49	.49
9.0	.54	.50	.48	.54	.50	.48	.53	.50	.48	.53	.50	.48	.52	.49	.47	.47
10.0	.52	.49	.46	.52	.48	.46	.51	.48	.46	.51	.48	.46	.50	.48	.46	.45



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          LENS:PM-0137 30R
          NOT DRIVER:350mA
          30minutes warm-up

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WEC AND CCEC

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NAME: 2468.112	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2411121385
MFR.: RISE	SUR.: 0.00024m2	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	.118	.067	.021	.113	.064	.020	.104	.059	.019	.095	.055	.018	.088	.051	.016	
2.0	.111	.061	.019	.107	.059	.018	.100	.055	.017	.093	.052	.016	.086	.049	.015	
3.0	.105	.056	.017	.102	.054	.016	.095	.052	.016	.089	.049	.015	.084	.046	.014	
4.0	.099	.051	.015	.096	.050	.015	.091	.048	.014	.086	.046	.014	.081	.044	.013	
5.0	.094	.048	.014	.091	.047	.014	.086	.045	.013	.082	.043	.013	.078	.042	.012	
6.0	.089	.044	.013	.086	.044	.013	.082	.042	.012	.078	.041	.012	.075	.039	.012	
7.0	.084	.042	.012	.082	.041	.012	.079	.040	.011	.075	.039	.011	.072	.037	.011	
8.0	.080	.039	.011	.078	.039	.011	.075	.038	.011	.072	.037	.011	.069	.036	.010	
9.0	.076	.037	.010	.075	.036	.010	.072	.036	.010	.069	.035	.010	.067	.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	.138	.138	.138	.118	.118	.118	.080	.080	.080	.046	.046	.046	.015	.015	.015		
1.0	.123	.114	.106	.105	.098	.091	.072	.067	.063	.041	.039	.037	.013	.013	.012		
2.0	.111	.096	.083	.095	.083	.072	.065	.057	.050	.038	.033	.029	.012	.011	.010		
3.0	.102	.082	.067	.087	.071	.058	.060	.049	.040	.035	.029	.024	.011	.009	.008		
4.0	.093	.071	.054	.080	.062	.047	.055	.043	.033	.032	.025	.020	.010	.008	.006		
5.0	.087	.063	.045	.074	.054	.039	.051	.038	.028	.030	.022	.016	.010	.007	.005		
6.0	.081	.056	.038	.069	.048	.033	.048	.034	.023	.028	.020	.014	.009	.006	.005		
7.0	.075	.050	.032	.065	.043	.028	.045	.030	.020	.026	.018	.012	.008	.006	.004		
8.0	.071	.045	.028	.061	.039	.024	.042	.028	.017	.025	.016	.010	.008	.005	.003		
9.0	.067	.041	.024	.058	.036	.021	.040	.025	.015	.023	.015	.009	.008	.005	.003		
10.0	.063	.038	.021	.055	.033	.018	.038	.023	.013	.022	.014	.008	.007	.005	.003		

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UGR(Unified Glare Rating) Table

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SPEC.: 3000K					DIM.:			SERIAL No.: 2411121385			
MFR.: RISE					SUR.: 0.00024m2			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	26.3	27.2	26.6	27.3	27.5	25.8	26.6	26.0	26.8	27.0	
	3H	26.4	27.1	26.6	27.3	27.5	25.7	26.5	26.0	26.7	
	4H	26.4	27.1	26.7	27.3	27.5	25.7	26.4	25.9	26.6	
	6H	26.3	27.0	26.6	27.3	27.5	25.6	26.3	25.9	26.5	
	8H	26.3	27.0	26.6	27.2	27.5	25.5	26.2	25.8	26.4	
	12H	26.3	26.9	26.6	27.2	27.4	25.5	26.1	25.8	26.4	
4H	2H	26.3	27.0	26.5	27.2	27.4	25.8	26.5	26.0	26.7	
	3H	26.3	27.0	26.7	27.2	27.5	25.7	26.3	26.0	26.6	
	4H	26.4	26.9	26.7	27.2	27.5	25.6	26.2	26.0	26.5	
	6H	26.3	26.8	26.7	27.2	27.5	25.5	26.0	25.9	26.4	
	8H	26.3	26.8	26.7	27.1	27.5	25.5	25.9	25.9	26.3	
	12H	26.2	26.7	26.7	27.0	27.4	25.4	25.8	25.8	26.2	
8H	4H	26.2	26.7	26.6	27.1	27.4	25.5	26.0	25.9	26.3	
	6H	26.2	26.6	26.6	27.0	27.4	25.4	25.8	25.8	26.2	
	8H	26.2	26.5	26.6	26.9	27.4	25.3	25.7	25.8	26.1	
	12H	26.1	26.4	26.6	26.9	27.3	25.3	25.6	25.7	26.0	
12H	4H	26.2	26.6	26.6	27.0	27.4	25.5	25.9	25.9	26.3	
	6H	26.1	26.5	26.6	26.9	27.3	25.3	25.7	25.8	26.1	
	8H	26.1	26.4	26.6	26.8	27.3	25.3	25.6	25.7	26.0	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 1.5 / - 2.5					+ 2.0 / - 4.8					
1.5H	+ 2.0 / - 1.6					+ 2.6 / - 2.2					
2.0H	+ 2.9 / - 3.7					+ 3.9 / - 6.3					

CIE Pub.117, 289.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.3)
Area: 0.00024 m2

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UTILIZATION FACTORS TABLE

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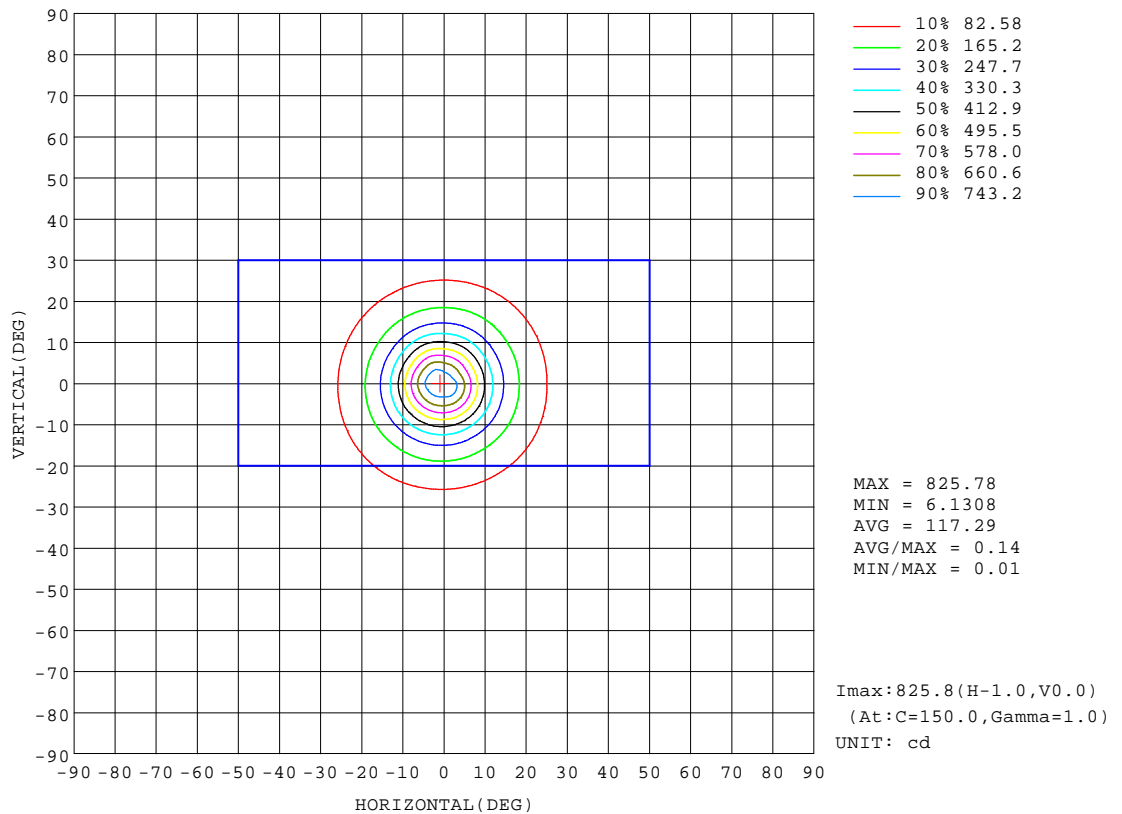
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	62	57	54	61	57	54	61	56	54	51
0.80	67	63	60	67	63	60	66	62	60	57
1.00	71	67	64	70	66	64	69	66	63	60
1.25	74	70	67	73	70	67	72	69	66	63
1.50	76	72	70	75	72	69	73	71	69	65
2.00	78	75	73	77	74	72	75	73	71	67
2.50	79	77	74	78	76	74	76	74	72	68
3.00	81	78	76	79	77	75	77	75	74	69
4.00	82	80	78	81	79	77	78	77	75	70
5.00	83	81	80	81	80	79	79	78	77	71
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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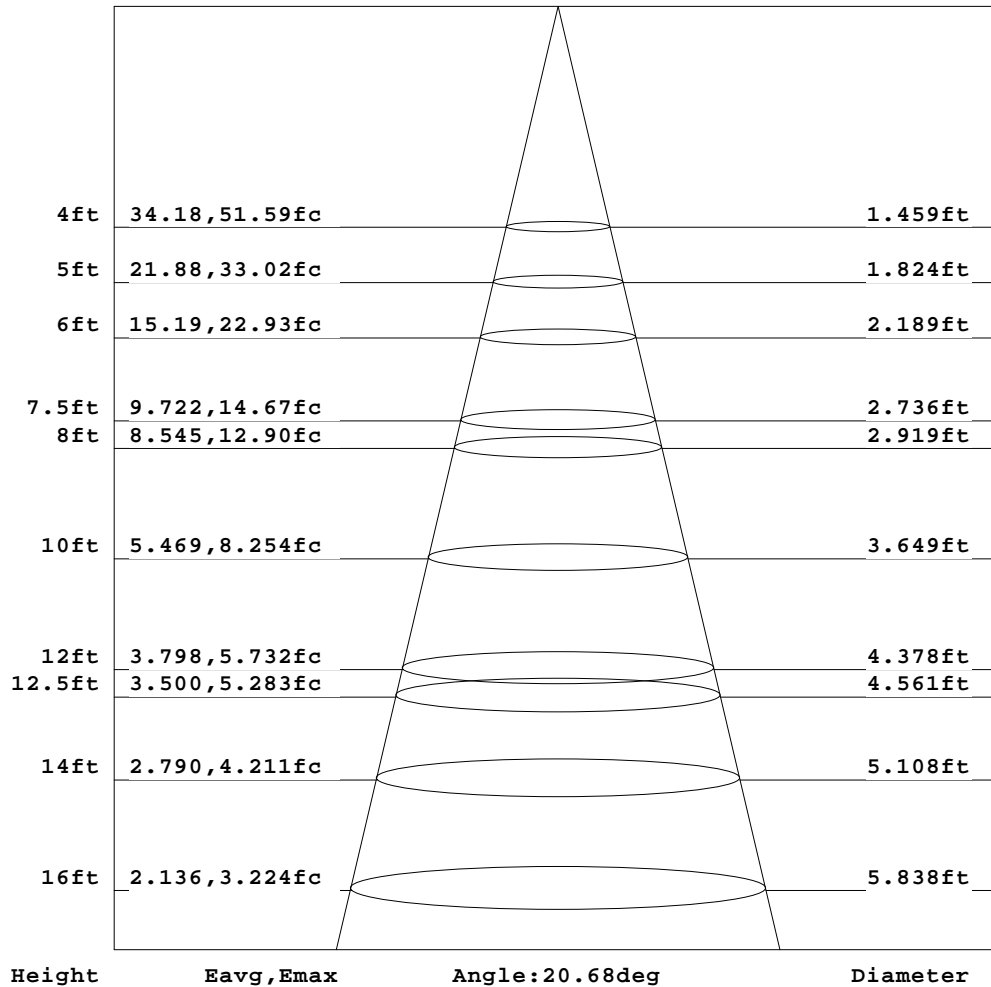
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AAI Figure

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MFR.: RISE	SUR.: 0.00024m2	Shielding Angle:

Flux out:64.91 lm



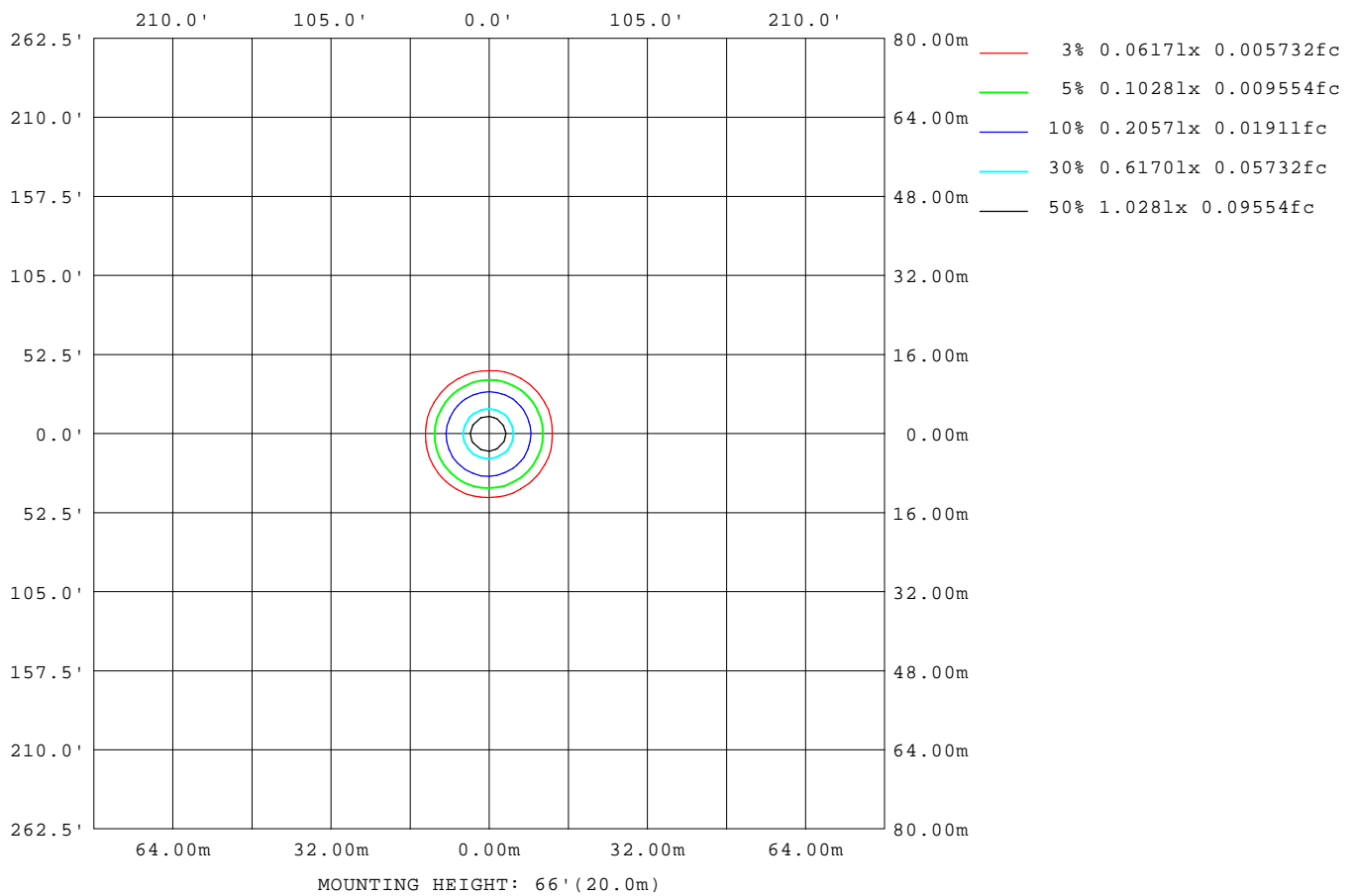
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2024-11-12

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: BXCP-30G-11L-J11-3-A1-00-0-0 Ra: 90
LENS: PM-0137 30R
NOT DRIVER: 350mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:9.1797V I:0.3499A P:3.2120W PF:1.0000 Freq:59.98Hz Lamp Flux:289x1 lm		
NAME: 2468.112	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2411121385
MFR.: RISE	SUR.: 0.00024m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:zoe
Test Date:2024-11-12

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:BXCP-30G-11L-J11-3-A1-00-0-0 Ra:90
LENS:PM-0137 30R
NOT DRIVER:350mA
30minutes warm-up

LED Avg.L Report

Test:U:9.1797V I:0.3499A P:3.2120W PF:1.0000 Freq:59.98Hz Lamp Flux:289x1 lm		
NAME: 2468.112	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2411121385
MFR.: RISE	SUR.: 0.00024m2	Shielding Angle:

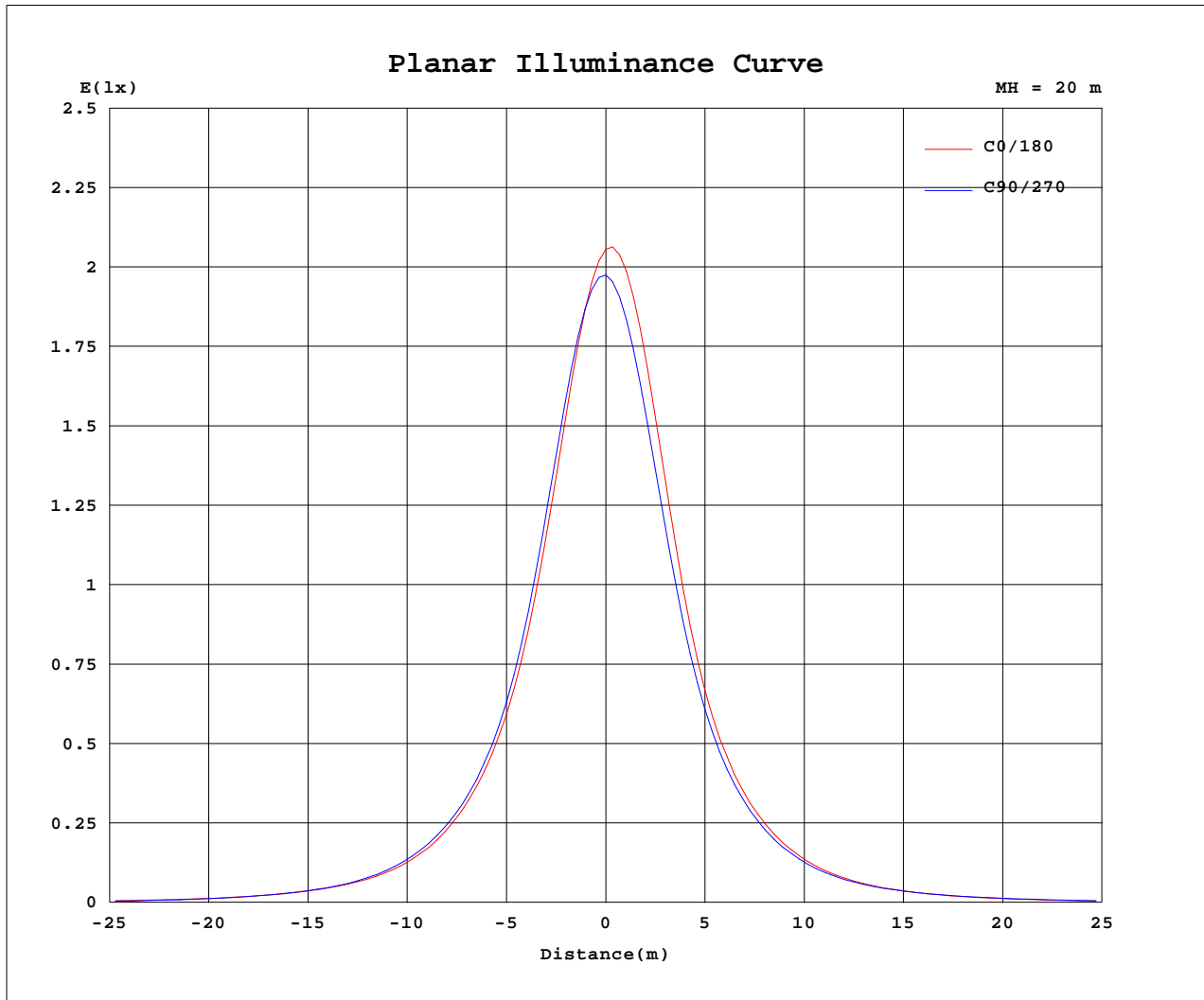
AvgL	cd/m2
L_0~180(65)av	21906
L_0~180(75)av	16190
L_0~180(85)av	3379
L_90~270(65)av	16340
L_90~270(75)av	5719
L_90~270(85)av	2187
L_45(65)av	20563
L_45(75)av	11304
L_45(85)av	1717

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-11-12

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:BXCP-30G-11L-J11-3-A1-00-0-0 Ra:90
LENS:PM-0137 30R
NOT DRIVER: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: 2024-11-12

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: BXCP-30G-11L-J11-3-A1-00-0-0 Ra: 90
 LENS: PM-0137 30R
 NOT DRIVER: 350mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:9.1797V I:0.3499A P:3.2120W PF:1.0000 Freq:59.98Hz Lamp Flux:289x1 lm		
NAME: 2468.112	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2411121385
MFR.: RISE	SUR.: 0.00024m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	806	806	806	806	806	806	806	806	806	806	806	806						
5	647	661	671	692	706	720	715	698	691	674	661	647						
10	399	410	420	443	457	472	461	442	438	428	419	405						
15	230	235	239	254	261	267	256	245	243	244	243	235						
20	136	139	140	150	155	156	148	141	140	142	143	139						
25	81.4	83.6	85.0	90.6	92.7	93.5	87.8	84.6	82.8	85.3	85.6	84.9						
30	50.6	51.8	52.6	55.6	57.0	56.6	53.0	51.2	50.3	52.1	53.4	53.0						
35	32.8	33.6	33.8	35.3	35.8	35.5	33.3	32.7	32.3	33.5	34.9	34.6						
40	22.0	22.2	22.2	23.0	22.0	22.9	21.6	21.8	21.8	22.8	23.7	23.5						
45	14.7	14.4	14.1	14.7	13.9	14.9	14.2	14.6	14.9	16.1	16.4	16.1						
50	10.1	9.53	8.96	8.75	8.13	9.70	9.41	9.87	10.1	10.9	11.2	10.9						
55	6.69	6.37	6.00	4.47	5.15	6.21	6.27	6.73	7.01	7.71	7.83	7.41						
60	3.78	3.60	2.76	1.88	2.72	3.91	3.99	4.31	4.48	4.93	4.77	4.28						
65	2.02	1.88	1.13	1.08	1.30	2.29	2.43	2.62	2.48	2.24	2.60	2.26						
70	1.26	1.17	0.70	0.64	0.84	1.46	1.60	1.55	1.26	1.22	1.36	1.28						
75	0.83	0.74	0.32	0.20	0.41	1.08	1.19	1.11	0.58	0.51	0.52	0.84						
80	0.34	0.20	0.03	0.01	0.05	0.39	0.54	0.43	0.11	0.11	0.14	0.36						
85	0.04	0.02	0.01	0.00	0.02	0.02	0.10	0.05	0.08	0.09	0.07	0.05						
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
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