

## Luminaire Photograph



Light Output Ratio:	76.5%	
Luminaire Power:	18.54 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.70	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-12-7

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-30G20TH-C-8X Ra:90  
LENS: 38R  
DRIVER: BK-PSL042-A1100AS 500mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

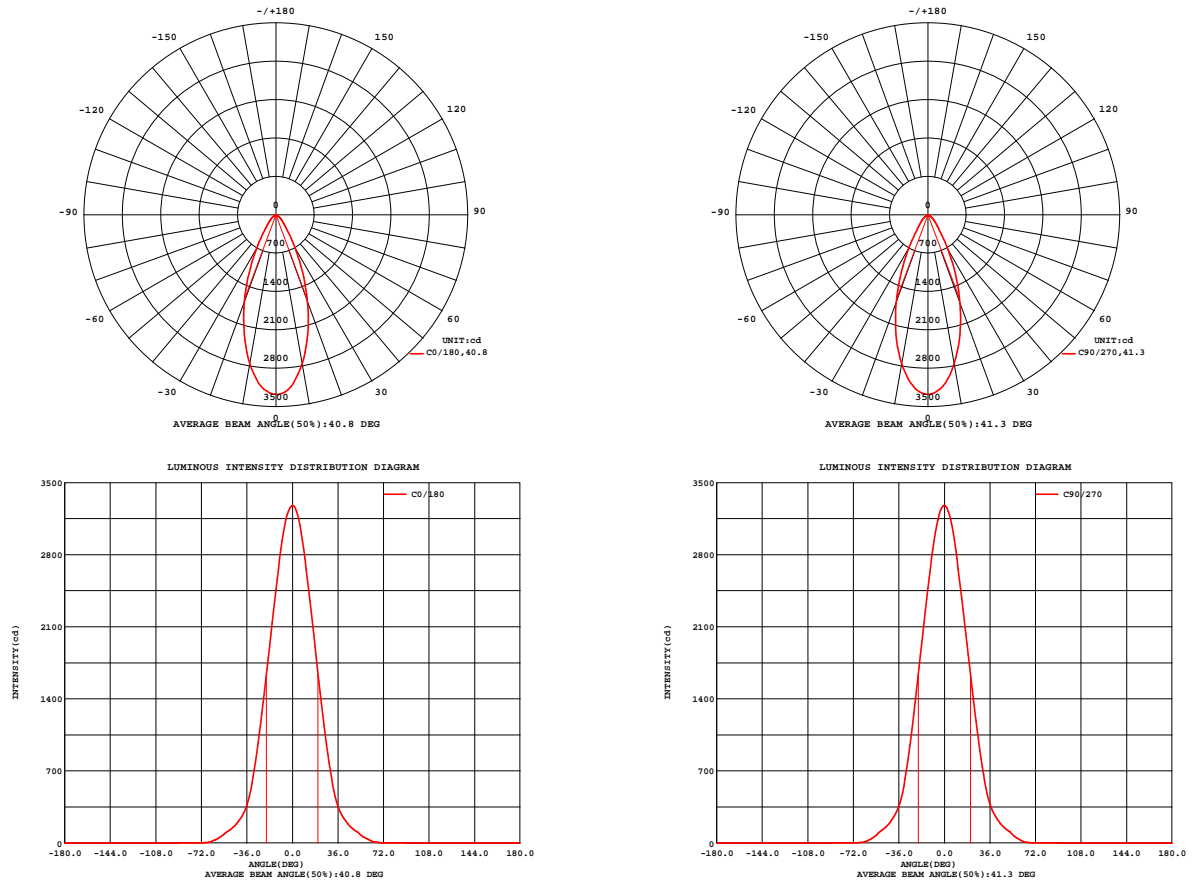


Fig. C0/C180

Fig. C90/C270

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-12-7

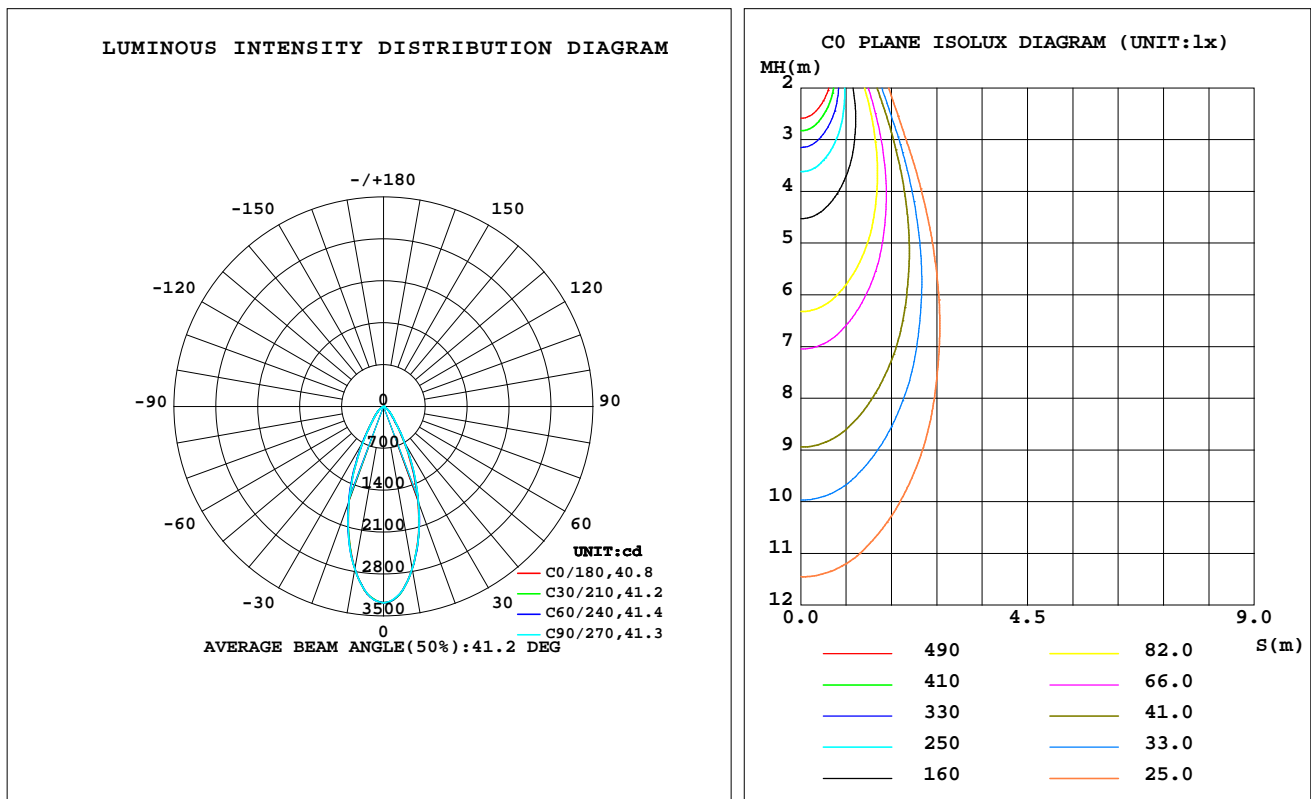
Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: BXRE-30G20TH-C-8X Ra: 90  
LENS: 38R  
DRIVER: BK-PSL042-A1100AS 500mA

30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.25V I:0.0930A P:18.542W PF:0.9006 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071451
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.29 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	3277	S/MH(C0/180)	0.65
NOMINAL POWER(W)	18	LOR(%)	76.5	S/MH(C90/270)	0.66
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1915.1	UP,DN(C0-180)	0.0,38.5
NOMINAL FLUX(lm)	2502.14	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,38.0
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	down(%)	76.5	CIBSE SHR MAX	0.70



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-12-7

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-30G20TH-C-8X Ra:90  
LENS:38R  
DRIVER: BK-PSL042-A1100AS 500mA

30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	2757	2759	2758	2755	2758	2762	2764	2758	0- 10	287.4	287.4	15,11.5
20	1677	1711	1717	1689	1689	1707	1702	1686	10- 20	619.7	907.1	47.4,36.3
30	701.4	726.9	735.5	710.0	711.3	708.8	692.1	687.9	20- 30	529.9	1437	75,57.4
40	253.6	260.1	268.6	255.0	255.9	251.8	253.9	245.0	30- 40	266.2	1703	88.9,68.1
50	117.3	120.6	122.9	120.2	121.0	118.6	116.2	114.5	40- 50	135.3	1838	96,73.5
60	34.80	34.55	30.95	35.79	36.64	32.84	26.62	30.78	50- 60	65.05	1904	99.4,76.1
70	2.763	1.800	0.4446	2.033	2.824	1.155	0.1366	1.092	60- 70	11.28	1915	100,76.5
80	0.0770	0.0658	0.0803	0.0636	0.0667	0.0592	0.0776	0.0538	70- 80	0.2254	1915	100,76.5
90	0	0	0	0	0	0	0	0	80- 90	0.0538	1915	100,76.5
100	0	0	0	0	0	0	0	0	90-100	0	1915	100,76.5
110	0	0	0	0	0	0	0	0	100-110	0	1915	100,76.5
120	0	0	0	0	0	0	0	0	110-120	0	1915	100,76.5
130	0	0	0	0	0	0	0	0	120-130	0	1915	100,76.5
140	0	0	0	0	0	0	0	0	130-140	0	1915	100,76.5
150	0	0	0	0	0	0	0	0	140-150	0	1915	100,76.5
160	0	0	0	0	0	0	0	0	150-160	0	1915	100,76.5
170	0	0	0	0	0	0	0	0	160-170	0	1915	100,76.5
180	0	0	0	0	0	0	0	0	170-180	0	1915	100,76.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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C Interval: 30.0DEG  
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Temperature:25.3℃  
Operators:zoe  
Test Date:2024-12-7

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-30G20TH-C-8X Ra:90  
LENS:38R  
DRIVER: BK-PSL042-A1100AS 500mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:220.25V I:0.0930A P:18.542W PF:0.9006 Freq:49.99Hz  
Lamp Flux:2502.14x1 lm

NAME: 2418.139

TYPE:

WEIGHT:

SPEC.: 3000K

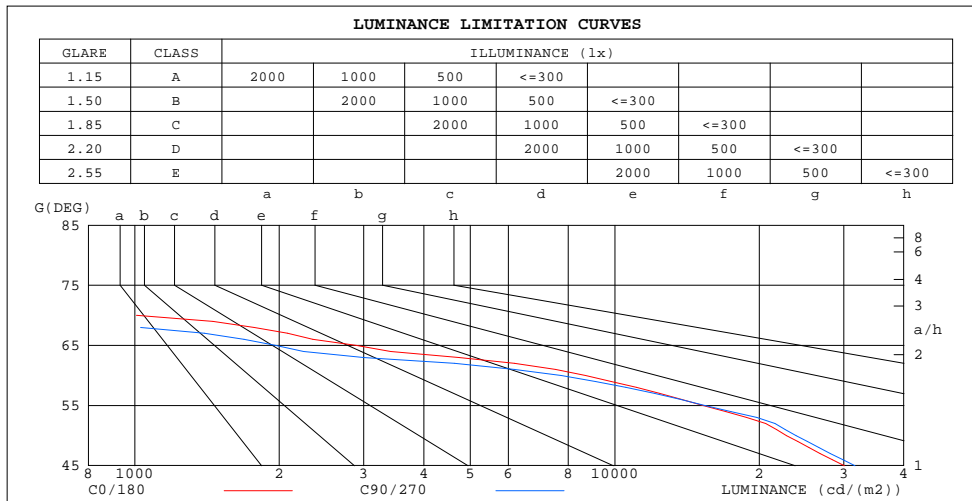
DIM.:

SERIAL No.: 2412071451

MFR.: RISE

SUR.: 0.008007785m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	99	83
80	55	58
75	55	63
70	1009	162
65	2895	1966
60	8690	7730
55	15277	15423
50	22790	23874
45	30106	31672

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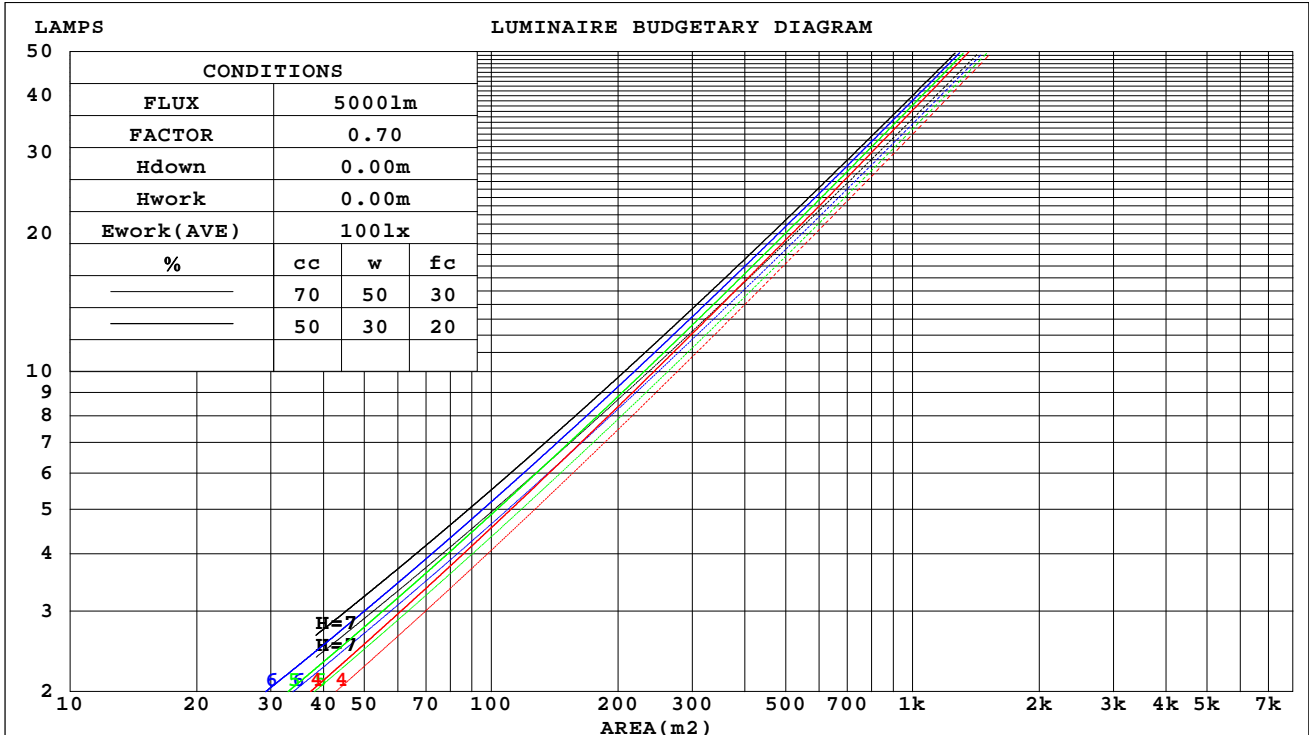
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## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.25V I:0.0930A P:18.542W PF:0.9006 Freq:49.99Hz  
Lamp Flux:2502.14x1 lm

NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071451
MFR.: RISE	SUR.: 0.008007785m2	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															



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Temperature:25.3℃  
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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-30G20TH-C-8X Ra:90  
LENS:38R  
DRIVER: BK-PSL042-A1100AS 500mA

30minutes warm-up



## WEC AND CCEC

Test:U:220.25V I:0.0930A P:18.542W PF:0.9006 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071451
MFR.: RISE	SUR.: 0.008007785m2	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	.133	.076	.024	.128	.073	.023	.118	.068	.022	.109	.063	.020	.101	.059	.019	
2.0	.127	.070	.021	.123	.068	.021	.115	.064	.020	.107	.060	.019	.101	.057	.018	
3.0	.121	.064	.019	.117	.063	.019	.111	.060	.018	.104	.057	.018	.098	.054	.017	
4.0	.115	.060	.018	.112	.059	.017	.106	.056	.017	.101	.054	.016	.095	.052	.016	
5.0	.110	.056	.016	.107	.055	.016	.102	.053	.016	.097	.051	.015	.092	.049	.015	
6.0	.104	.052	.015	.102	.051	.015	.097	.050	.015	.093	.048	.014	.089	.047	.014	
7.0	.099	.049	.014	.097	.048	.014	.093	.047	.014	.090	.046	.013	.086	.045	.013	
8.0	.095	.046	.013	.093	.046	.013	.089	.045	.013	.086	.044	.013	.083	.043	.012	
9.0	.091	.044	.012	.089	.043	.012	.086	.042	.012	.083	.042	.012	.080	.041	.012	
10.0	.087	.042	.012	.085	.041	.012	.083	.040	.011	.080	.040	.011	.077	.039	.011	

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	.146	.146	.146	.125	.125	.125	.085	.085	.085	.049	.049	.049	.016	.016	.016	
1.0	.131	.120	.111	.112	.103	.096	.077	.071	.066	.044	.041	.038	.014	.013	.012	
2.0	.119	.101	.087	.102	.087	.075	.070	.060	.052	.040	.035	.031	.013	.011	.010	
3.0	.109	.087	.069	.094	.075	.060	.064	.052	.042	.037	.030	.025	.012	.010	.008	
4.0	.101	.076	.056	.087	.065	.049	.060	.046	.034	.035	.027	.020	.011	.009	.007	
5.0	.095	.067	.046	.081	.058	.040	.056	.040	.028	.032	.024	.017	.010	.008	.006	
6.0	.089	.060	.038	.076	.052	.034	.053	.036	.024	.031	.021	.014	.010	.007	.005	
7.0	.084	.054	.033	.072	.047	.028	.050	.033	.020	.029	.019	.012	.009	.006	.004	
8.0	.079	.049	.028	.068	.042	.024	.047	.030	.017	.027	.018	.010	.009	.006	.003	
9.0	.075	.045	.024	.065	.039	.021	.045	.027	.015	.026	.016	.009	.008	.005	.003	
10.0	.072	.041	.021	.062	.036	.019	.043	.025	.013	.025	.015	.008	.008	.005	.003	

C Range: 0 - 360DEG  
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Operators:zoe  
Test Date:2024-12-7

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-30G20TH-C-8X Ra:90  
LENS:38R  
DRIVER: BK-PSL042-A1100AS 500mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:220.25V I:0.0930A P:18.542W PF:0.9006 Freq:49.99Hz Lamp Flux:2502.14x1 lm										
NAME: 2418.139					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2412071451		
MFR.: RISE					SUR.: 0.008007785m2			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	16.0	16.9	16.2	17.1	17.3	16.1	17.0	16.3	17.2	17.4
3H	15.9	16.7	16.1	16.9	17.1	15.9	16.8	16.2	17.0	17.2
4H	15.8	16.6	16.0	16.8	17.0	15.9	16.7	16.1	16.9	17.1
6H	15.7	16.4	16.0	16.7	16.9	15.8	16.5	16.1	16.8	17.0
8H	15.6	16.4	15.9	16.6	16.9	15.7	16.4	16.0	16.7	17.0
12H	15.6	16.3	15.9	16.5	16.8	15.7	16.4	16.0	16.6	16.9
4H 2H	15.9	16.7	16.1	16.9	17.1	16.0	16.8	16.2	17.0	17.2
3H	15.7	16.4	16.0	16.7	16.9	15.8	16.5	16.1	16.8	17.0
4H	15.6	16.2	16.0	16.5	16.8	15.7	16.3	16.0	16.6	16.9
6H	15.5	16.1	15.9	16.4	16.7	15.6	16.2	16.0	16.5	16.8
8H	15.5	16.0	15.9	16.3	16.7	15.5	16.1	15.9	16.4	16.8
12H	15.4	15.9	15.8	16.3	16.6	15.5	16.0	15.9	16.3	16.7
8H 4H	15.5	16.0	15.9	16.3	16.7	15.5	16.1	15.9	16.4	16.8
6H	15.4	15.8	15.8	16.2	16.6	15.4	15.9	15.9	16.3	16.7
8H	15.3	15.7	15.8	16.1	16.5	15.4	15.8	15.8	16.2	16.6
12H	15.3	15.6	15.7	16.0	16.5	15.3	15.7	15.8	16.1	16.6
12H 4H	15.4	15.9	15.8	16.3	16.6	15.5	16.0	15.9	16.3	16.7
6H	15.3	15.7	15.8	16.1	16.5	15.4	15.8	15.8	16.2	16.6
8H	15.3	15.6	15.7	16.0	16.5	15.3	15.7	15.8	16.1	16.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.9 / - 3.9					+ 2.1 / - 4.3				
1.5H	+ 2.1 / - 2.1					+ 2.4 / - 2.5				
2.0H	+ 3.3 / - 7.9					+ 3.6 / - 9.9				

CIE Pub.117, 2502 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)  
Area: 0.00800779 m2

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Humidity:65.0%  
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LENS:38R  
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30minutes warm-up

### UTILIZATION FACTORS TABLE

Test:U:220.25V I:0.0930A P:18.542W PF:0.9006 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071451
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

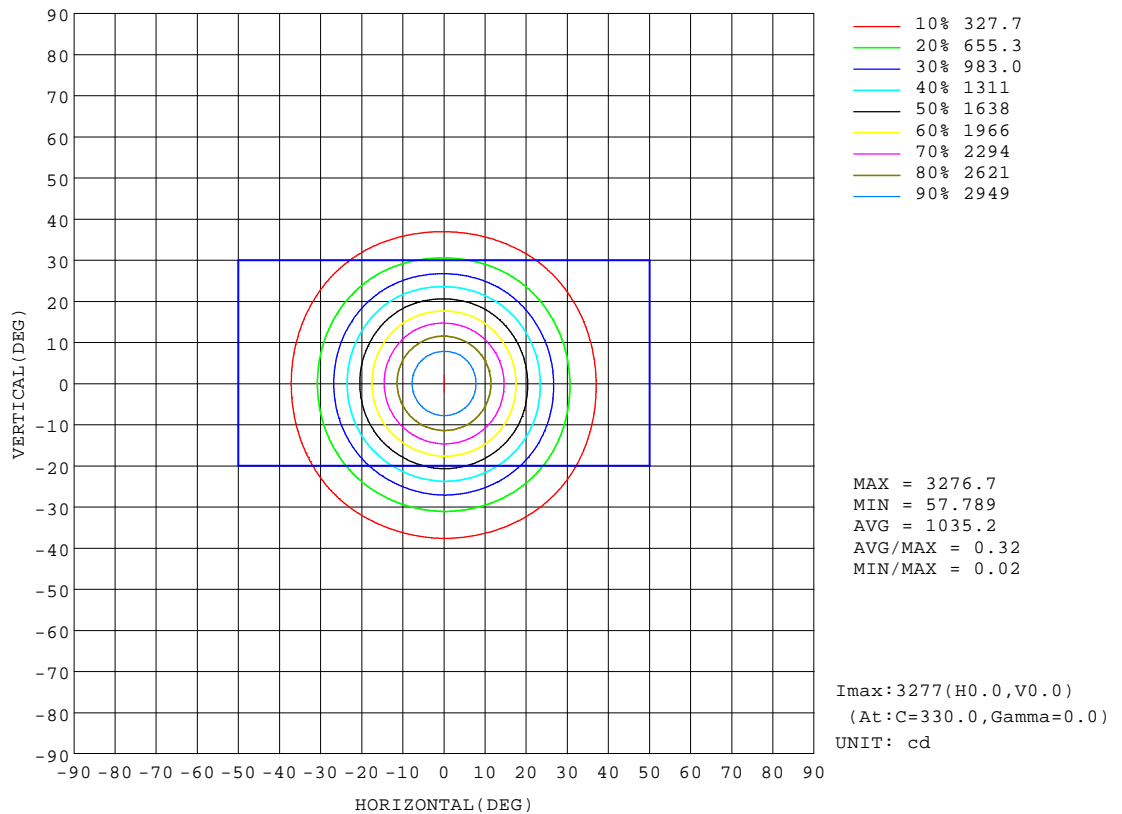
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	65	59	56	64	59	56	64	59	56	53
0.80	71	66	63	70	66	63	69	65	62	59
1.00	75	70	67	74	70	67	73	70	66	63
1.25	78	74	71	77	73	71	76	72	70	67
1.50	80	76	74	79	76	73	78	75	72	69
2.00	83	79	77	81	78	76	79	77	75	71
2.50	84	81	78	83	80	78	80	78	76	72
3.00	85	82	80	84	81	79	81	79	78	73
4.00	87	85	83	85	83	82	82	81	80	74
5.00	88	86	84	86	84	83	83	82	81	75
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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SPEC.: 3000K	DIM.:	SERIAL No.: 2412071451
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

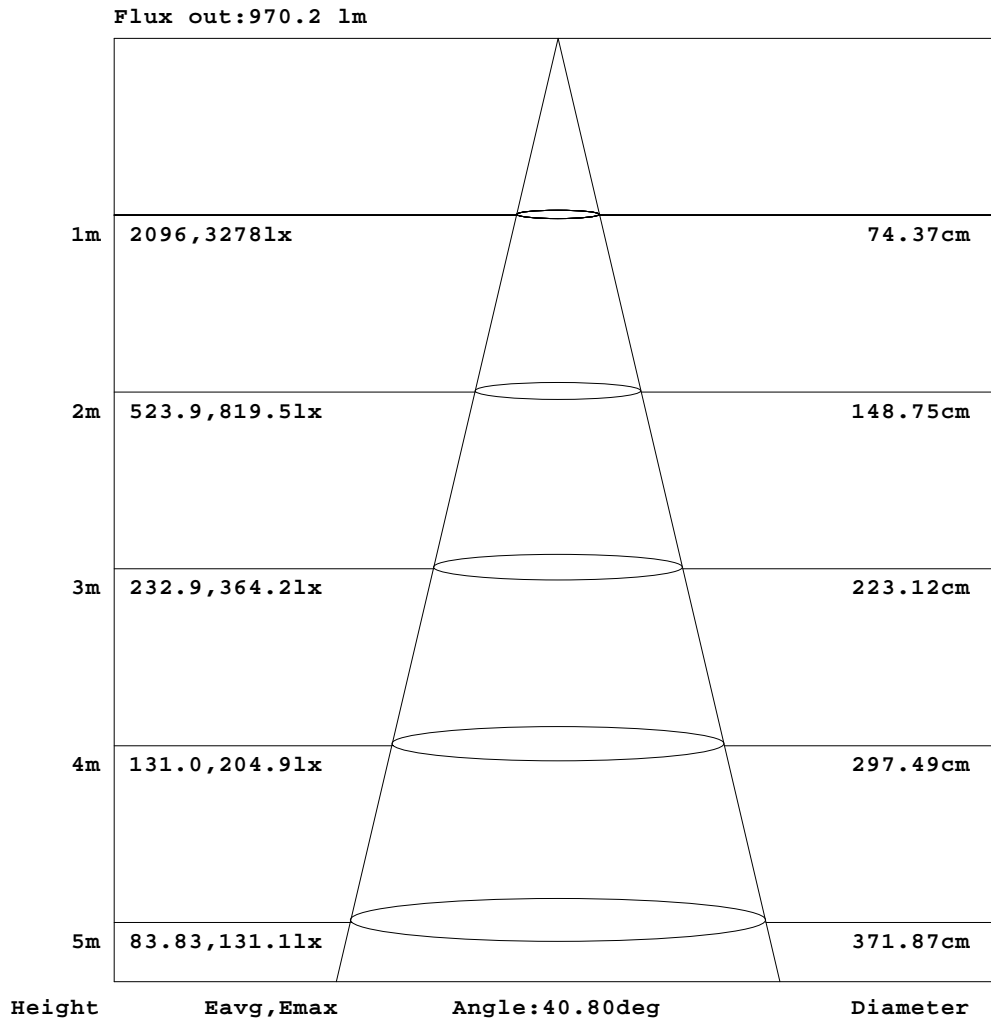


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## AAI Figure

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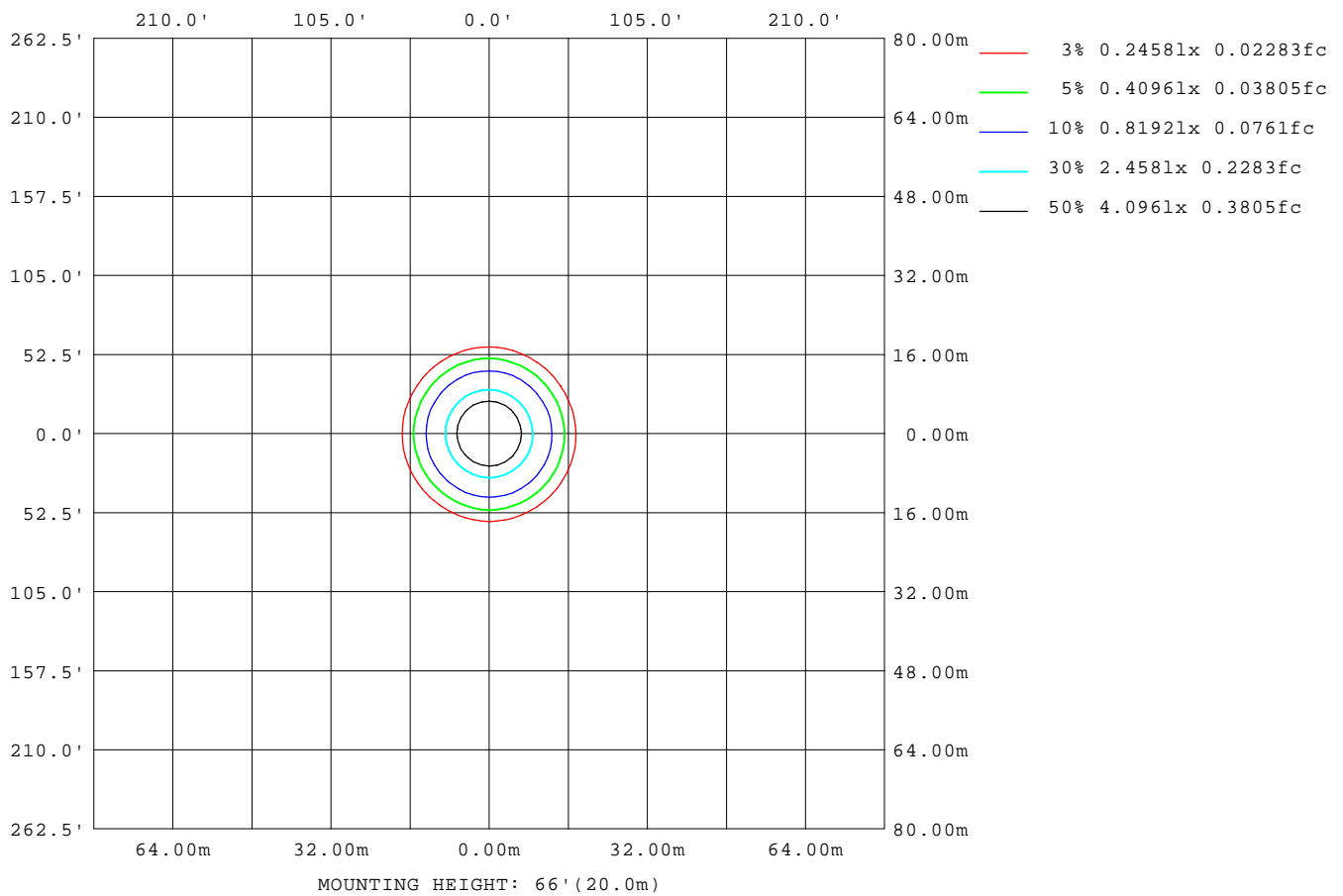
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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LENS: 38R  
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30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.25V I:0.0930A P:18.542W PF:0.9006 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071451
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-12-7

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-30G20TH-C-8X Ra:90  
LENS:38R  
DRIVER: BK-PSL042-A1100AS 500mA  
30minutes warm-up

### LED Avg.L Report

Test:U:220.25V I:0.0930A P:18.542W PF:0.9006 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071451
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

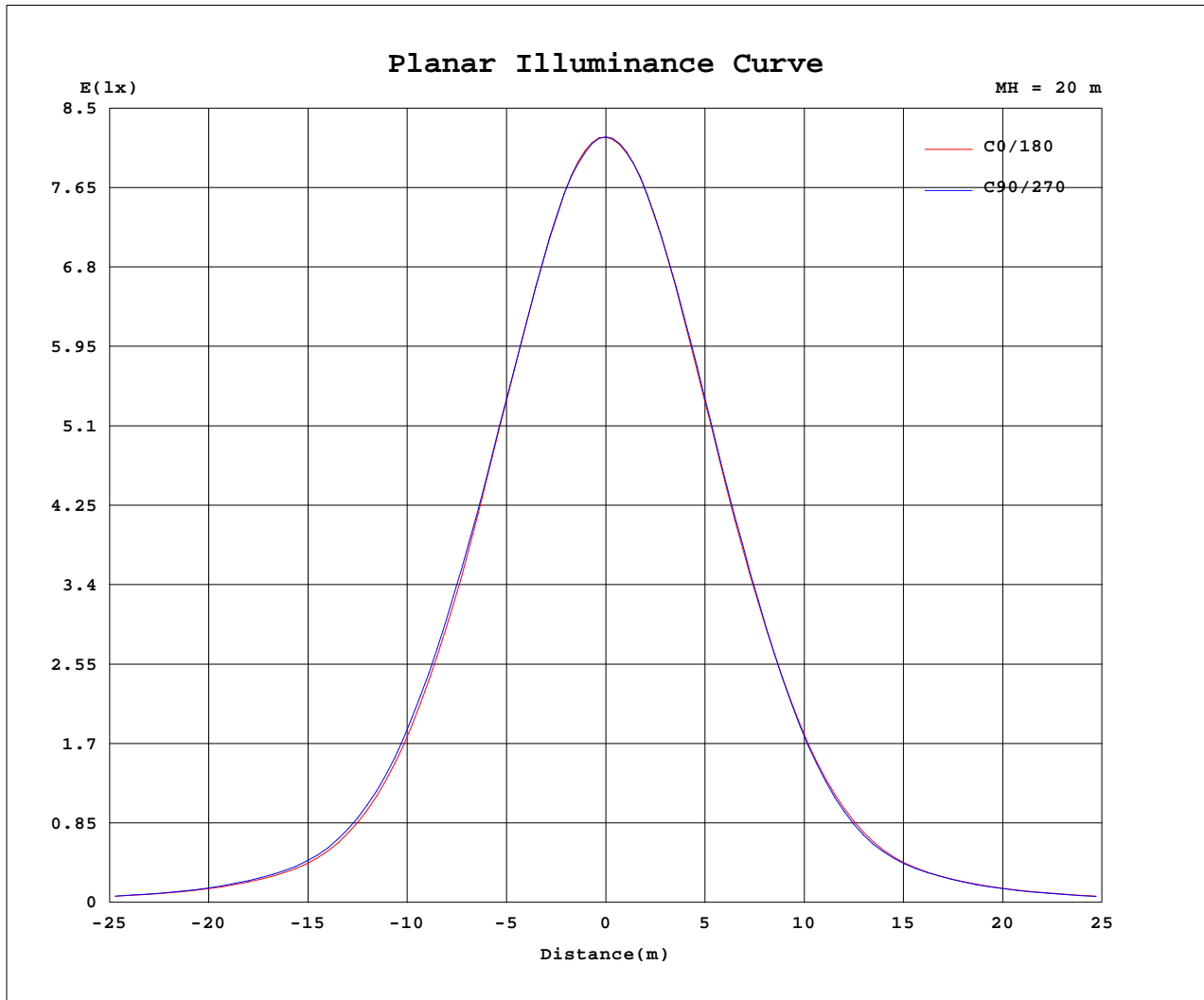
AvgL	cd/m2
L_0~180(65)av	2724
L_0~180(75)av	47
L_0~180(85)av	94
L_90~270(65)av	1808
L_90~270(75)av	54
L_90~270(85)av	87
L_45(65)av	2312
L_45(75)av	42
L_45(85)av	64

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-12-7

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-30G20TH-C-8X Ra:90  
LENS:38R  
DRIVER: BK-PSL042-A1100AS 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: 2024-12-7

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-30G20TH-C-8X Ra:90  
 LENS: 38R  
 DRIVER: BK-PSL042-A1100AS 500mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.25V I:0.0930A P:18.542W PF:0.9006 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071451
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3277	3277	3277	3277	3277	3277	3277	3277	3277	3277	3277	3277						
5	3146	3149	3143	3142	3130	3136	3143	3140	3139	3136	3145	3146						
10	2757	2759	2760	2758	2761	2750	2758	2764	2760	2764	2760	2755						
15	2253	2264	2263	2261	2247	2241	2245	2248	2267	2258	2252	2243						
20	1677	1709	1714	1717	1688	1690	1689	1697	1717	1702	1697	1676						
25	1147	1177	1185	1189	1159	1161	1159	1158	1177	1151	1148	1132						
30	701	723	731	735	713	707	711	708	710	692	691	684						
35	401	416	422	426	409	405	408	404	401	394	390	387						
40	254	258	262	269	257	253	256	251	252	254	245	245						
45	171	173	176	179	173	172	174	170	170	169	164	163						
50	117	120	122	123	120	120	121	119	119	116	115	114						
55	70.2	73.3	71.8	70.8	73.1	75.7	75.0	73.1	68.3	64.7	65.6	66.5						
60	34.8	36.5	32.6	30.9	34.2	37.3	36.6	35.4	30.3	26.6	29.5	32.0						
65	9.80	8.83	7.32	6.65	7.65	9.09	8.64	8.85	6.35	5.59	6.58	7.78						
70	2.76	2.94	0.66	0.44	0.96	3.11	2.82	2.06	0.25	0.14	0.43	1.75						
75	0.11	0.10	0.11	0.13	0.11	0.10	0.08	0.07	0.08	0.09	0.07	0.06						
80	0.08	0.06	0.07	0.08	0.06	0.06	0.07	0.06	0.06	0.08	0.05	0.05						
85	0.07	0.05	0.05	0.06	0.04	0.05	0.06	0.05	0.05	0.06	0.04	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  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-12-7

Range: 0 - 180DEG  
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30minutes warm-up