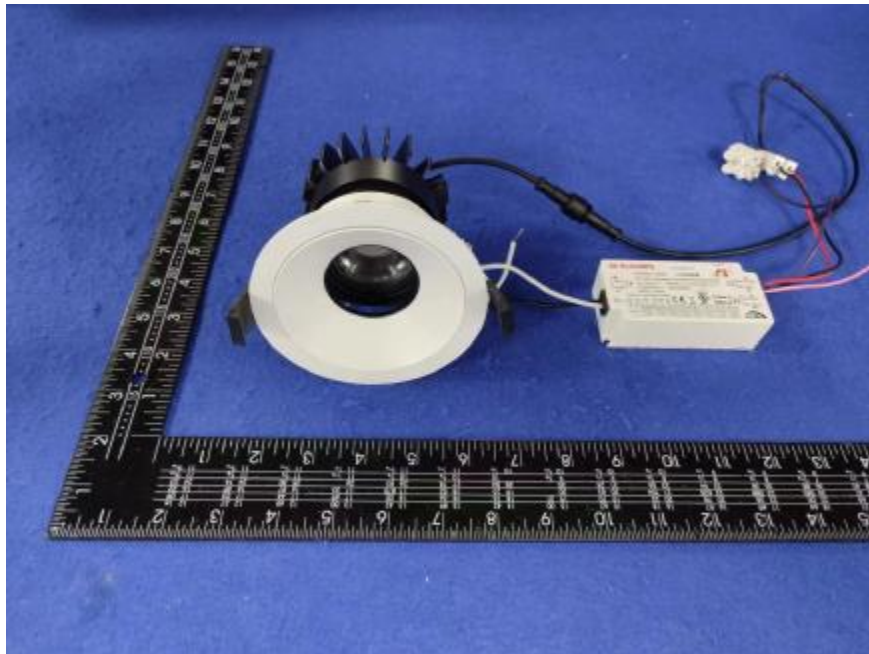


## Luminaire Photograph



Light Output Ratio:	81.5%	
Luminaire Power:	19.77 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	fine grid method.

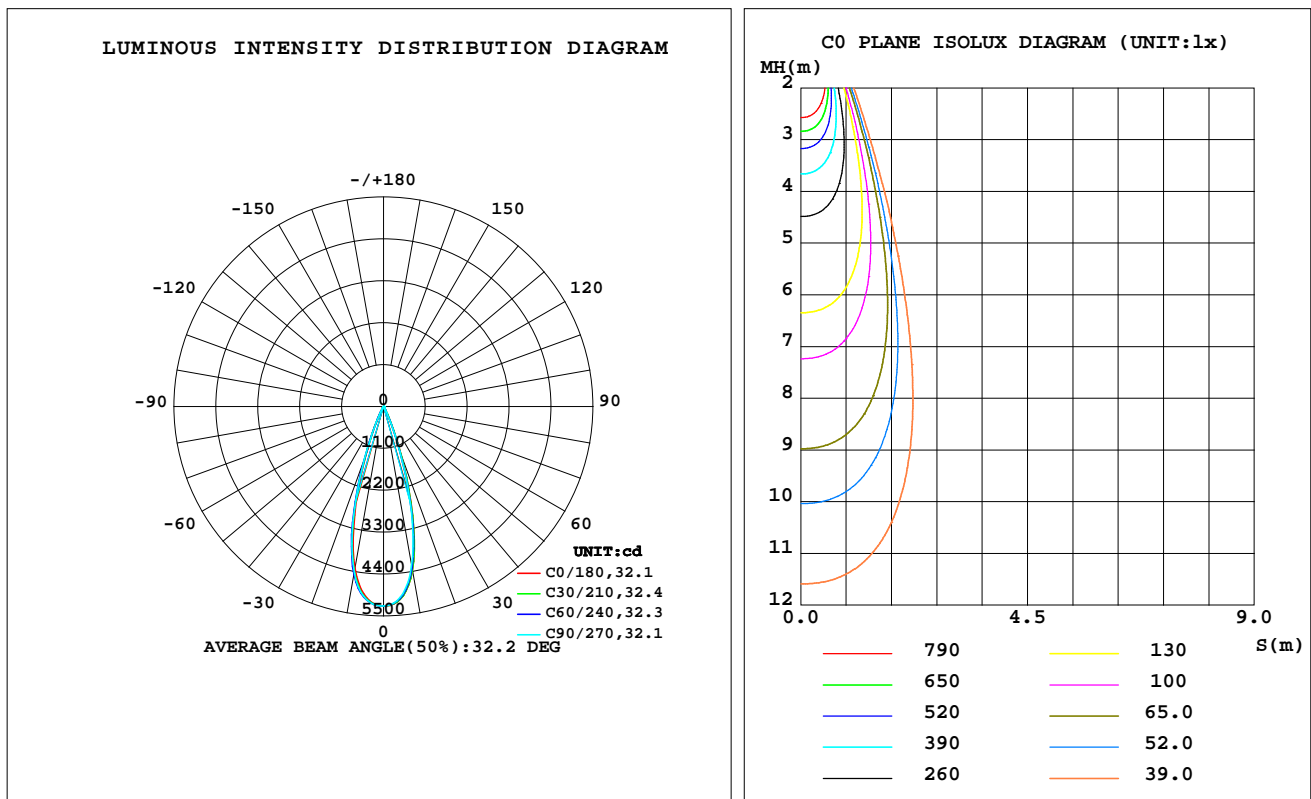
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-10-13

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: BXRE-30G1000-A-83 Ra:90  
LENS: PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131226
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.29 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	5236	S/MH(C0/180)	0.50
NOMINAL POWER(W)	20	LOR(%)	81.5	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1528.4	η UP,DN(C0-180)	0.0,39.9
NOMINAL FLUX(lm)	1874.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,41.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	81.5	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-13

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:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP20A-1WMC 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	4370	4342	4253	4259	4321	4455	4429	4382	0- 10	461.3	461.3	30.2,24.6
20	1363	1307	1266	1329	1377	1483	1474	1427	10- 20	784.2	1246	81.5,66.4
30	139.5	132.0	127.9	143.1	135.0	136.3	137.0	144.1	20- 30	237.1	1483	97,79.1
40	21.72	21.21	22.75	21.19	20.41	19.94	20.36	21.65	30- 40	37.38	1520	99.4,81.1
50	3.553	3.082	6.305	3.010	3.157	3.186	2.807	3.402	40- 50	6.956	1527	99.9,81.5
60	0.4473	0.3206	0.2456	0.2600	0.3898	0.3639	0.3137	0.3281	50- 60	1.167	1528	100,81.5
70	0.1510	0.1018	0.0902	0.0957	0.1324	0.1099	0.0898	0.1064	60- 70	0.2194	1528	100,81.5
80	0.0748	0.0487	0.0468	0.0439	0.0788	0.0441	0.0469	0.0403	70- 80	0.0745	1528	100,81.5
90	0	0	0	0	0	0	0	0	80- 90	0.0380	1528	100,81.5
100	0	0	0	0	0	0	0	0	90-100	0	1528	100,81.5
110	0	0	0	0	0	0	0	0	100-110	0	1528	100,81.5
120	0	0	0	0	0	0	0	0	110-120	0	1528	100,81.5
130	0	0	0	0	0	0	0	0	120-130	0	1528	100,81.5
140	0	0	0	0	0	0	0	0	130-140	0	1528	100,81.5
150	0	0	0	0	0	0	0	0	140-150	0	1528	100,81.5
160	0	0	0	0	0	0	0	0	150-160	0	1528	100,81.5
170	0	0	0	0	0	0	0	0	160-170	0	1528	100,81.5
180	0	0	0	0	0	0	0	0	170-180	0	1528	100,81.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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-30G1000-A-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz  
Lamp Flux:1874.5x1 lm

NAME: 2318.137-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

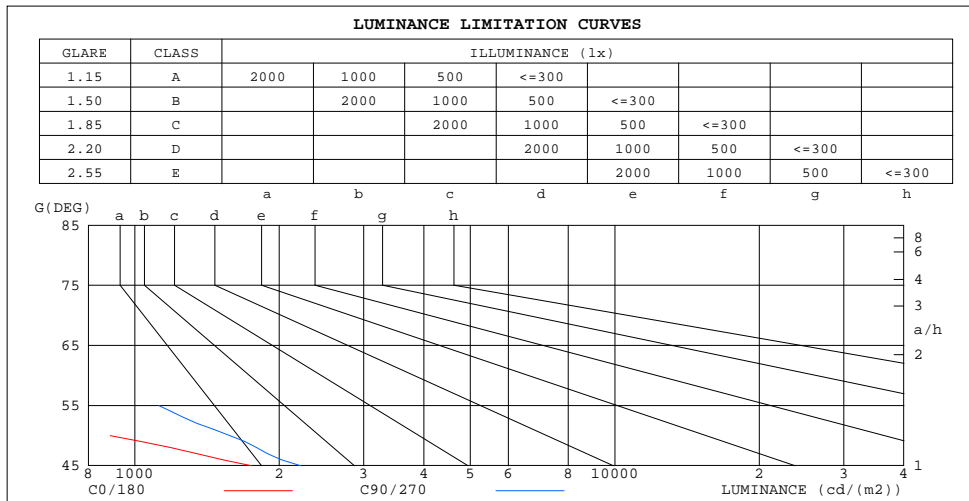
DIM.:

SERIAL No.: 2310131226

MFR.: RISE

SUR.: 0.006217985m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	116	80
80	69	43
75	53	41
70	71	42
65	119	67
60	144	79
55	308	1123
50	889	1578
45	1750	2215

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-13

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:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz  
Lamp Flux:1874.5x1 lm

NAME: 2318.137-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

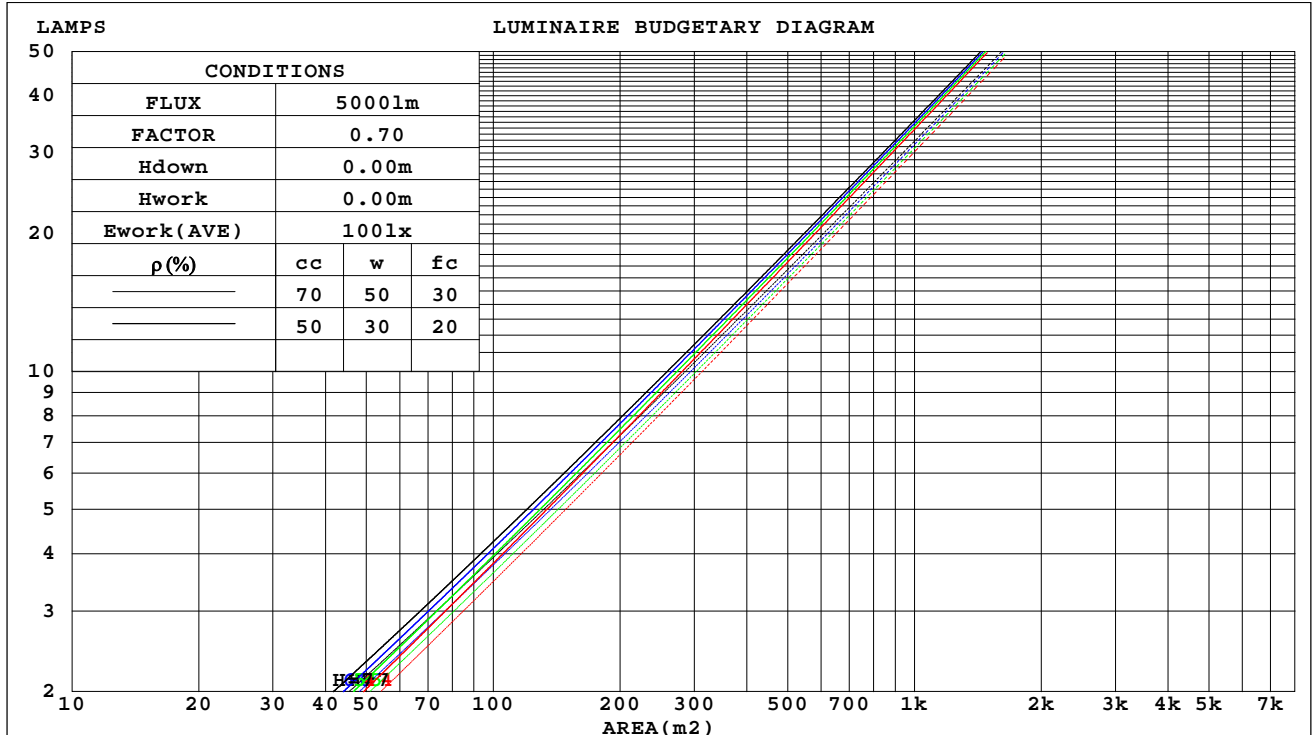
SERIAL No.: 2310131226

MFR.: RISE

SUR.: 0.006217985m2

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	.97	.97	.97	.95	.95	.95	.91	.91	.91	.87	.87	.87	.83	.83	.83	.82
1.0	.92	.90	.89	.90	.89	.88	.87	.86	.85	.84	.83	.82	.81	.81	.80	.79
2.0	.88	.85	.83	.86	.84	.82	.84	.82	.81	.82	.80	.79	.79	.78	.77	.76
3.0	.84	.81	.79	.83	.80	.78	.81	.79	.77	.79	.77	.76	.77	.76	.75	.74
4.0	.81	.77	.75	.80	.77	.75	.78	.76	.74	.77	.75	.73	.75	.74	.72	.71
5.0	.78	.74	.72	.77	.74	.71	.76	.73	.71	.74	.72	.70	.73	.71	.70	.69
6.0	.75	.71	.69	.74	.71	.69	.73	.70	.68	.72	.70	.68	.71	.69	.68	.67
7.0	.72	.69	.67	.72	.69	.66	.71	.68	.66	.70	.68	.66	.69	.67	.65	.65
8.0	.70	.67	.64	.70	.66	.64	.69	.66	.64	.68	.66	.64	.68	.65	.64	.63
9.0	.68	.65	.62	.68	.64	.62	.67	.64	.62	.66	.64	.62	.66	.63	.62	.61
10.0	.66	.63	.60	.66	.63	.60	.65	.62	.60	.65	.62	.60	.64	.62	.60	.59



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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-30G1000-A-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## WEC AND CCEC

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131226
MFR.: RISE	SUR.: 0.006217985m2	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	.112	.064	.020	.106	.061	.019	.096	.055	.018	.087	.050	.016	.079	.046	.015	
2.0	.104	.057	.017	.099	.055	.017	.091	.051	.016	.083	.047	.015	.076	.043	.014	
3.0	.097	.051	.015	.093	.050	.015	.086	.047	.014	.080	.044	.013	.074	.041	.013	
4.0	.091	.047	.014	.088	.046	.014	.082	.043	.013	.076	.041	.012	.071	.039	.012	
5.0	.086	.044	.013	.083	.043	.012	.078	.041	.012	.073	.039	.012	.069	.037	.011	
6.0	.081	.041	.012	.079	.040	.011	.075	.038	.011	.071	.037	.011	.067	.035	.010	
7.0	.077	.038	.011	.075	.038	.011	.072	.036	.010	.068	.035	.010	.065	.034	.010	
8.0	.074	.036	.010	.072	.035	.010	.069	.034	.010	.066	.033	.010	.063	.032	.009	
9.0	.071	.034	.010	.069	.034	.009	.066	.033	.009	.064	.032	.009	.061	.031	.009	
10.0	.068	.033	.009	.067	.032	.009	.064	.031	.009	.061	.031	.009	.059	.030	.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	.155	.155	.155	.133	.133	.133	.091	.091	.091	.052	.052	.052	.017	.017	.017	
1.0	.137	.129	.121	.117	.110	.104	.080	.076	.072	.046	.044	.042	.015	.014	.014	
2.0	.123	.108	.096	.105	.093	.083	.072	.064	.058	.041	.037	.034	.013	.012	.011	
3.0	.110	.092	.078	.095	.080	.068	.065	.055	.047	.038	.032	.028	.012	.010	.009	
4.0	.100	.080	.064	.086	.069	.056	.059	.048	.039	.034	.028	.023	.011	.009	.008	
5.0	.092	.070	.054	.079	.060	.047	.054	.042	.033	.031	.025	.020	.010	.008	.006	
6.0	.084	.062	.045	.073	.053	.039	.050	.037	.028	.029	.022	.017	.009	.007	.005	
7.0	.078	.055	.039	.067	.048	.034	.047	.033	.024	.027	.020	.014	.009	.006	.005	
8.0	.073	.050	.033	.063	.043	.029	.044	.030	.021	.025	.018	.012	.008	.006	.004	
9.0	.069	.045	.029	.059	.039	.025	.041	.027	.018	.024	.016	.011	.008	.005	.004	
10.0	.065	.041	.025	.056	.036	.022	.039	.025	.016	.023	.015	.009	.007	.005	.003	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-13

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:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm										
NAME: 2318.137-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310131226		
MFR.: RISE					SUR.: 0.006217985m2			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	2.2	2.9	2.4	3.0	3.2	2.0	2.7	2.2	2.8	3.0
3H	2.1	2.7	2.3	2.9	3.1	1.9	2.5	2.1	2.7	2.9
4H	2.0	2.6	2.2	2.8	3.0	1.8	2.4	2.1	2.6	2.8
6H	1.9	2.5	2.2	2.7	2.9	1.7	2.3	2.0	2.5	2.7
8H	1.9	2.4	2.2	2.6	2.9	1.7	2.2	2.0	2.5	2.7
12H	1.8	2.3	2.1	2.6	2.9	1.6	2.1	1.9	2.4	2.7
4H 2H	2.0	2.6	2.2	2.8	3.0	1.8	2.4	2.1	2.6	2.8
3H	1.8	2.3	2.1	2.6	2.9	1.6	2.1	1.9	2.4	2.7
4H	1.7	2.2	2.1	2.5	2.8	1.5	2.0	1.9	2.3	2.6
6H	1.6	2.0	2.0	2.4	2.7	1.4	1.9	1.8	2.2	2.5
8H	1.6	2.0	2.0	2.3	2.7	1.4	1.8	1.8	2.1	2.5
12H	1.5	1.9	1.9	2.2	2.6	1.3	1.7	1.7	2.1	2.4
8H 4H	1.6	2.0	2.0	2.3	2.7	1.4	1.8	1.8	2.1	2.5
6H	1.5	1.8	1.9	2.2	2.6	1.3	1.6	1.7	2.0	2.4
8H	1.4	1.7	1.8	2.1	2.5	1.2	1.5	1.7	1.9	2.4
12H	1.3	1.6	1.8	2.0	2.5	1.2	1.4	1.6	1.8	2.3
12H 4H	1.5	1.9	1.9	2.2	2.6	1.3	1.7	1.7	2.1	2.4
6H	1.4	1.7	1.8	2.1	2.5	1.2	1.5	1.7	1.9	2.4
8H	1.3	1.6	1.8	2.0	2.5	1.2	1.4	1.6	1.8	2.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.9 / -15.8					+ 3.8 / -18.4				
1.5H	+ 6.2 / -13.0					+ 5.9 / -16.0				
2.0H	+ 6.7 / - 9.2					+ 6.8 / -12.9				

CIE Pub.117, 1875 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)  
Area: 0.00621798 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-13

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:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

### UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131226
MFR.: RISE	SUR.: 0.006217985m2	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	74	70	67	74	70	67	73	69	67	64
0.80	80	76	73	80	76	73	79	75	73	70
1.00	83	79	76	82	79	76	81	78	76	73
1.25	86	82	80	85	82	79	84	81	79	76
1.50	88	84	82	87	84	82	85	83	81	77
2.00	90	87	84	88	86	84	86	84	82	78
2.50	91	88	86	90	87	85	87	85	84	79
3.00	92	89	87	90	88	87	88	86	85	80
4.00	93	91	90	92	90	89	89	88	86	81
5.00	94	93	91	93	91	90	89	89	88	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

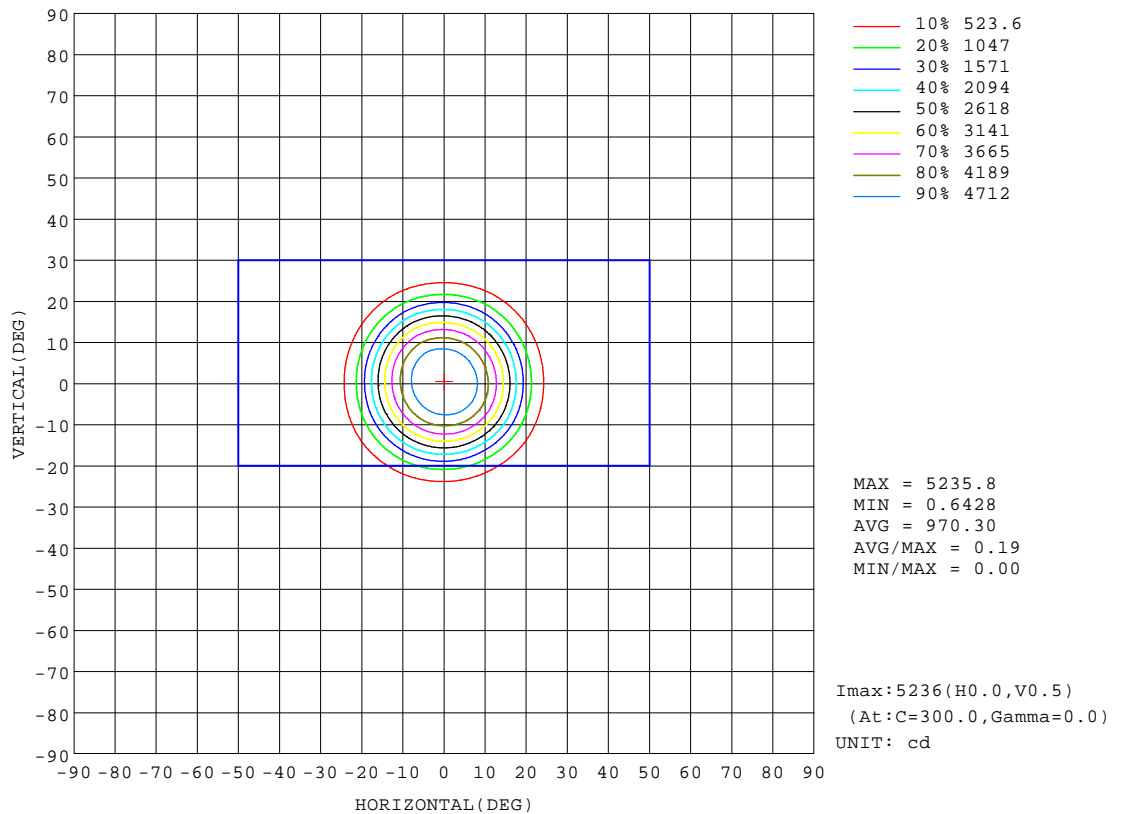
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-13

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:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up



## ISOCANDELA DIAGRAM

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131226
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

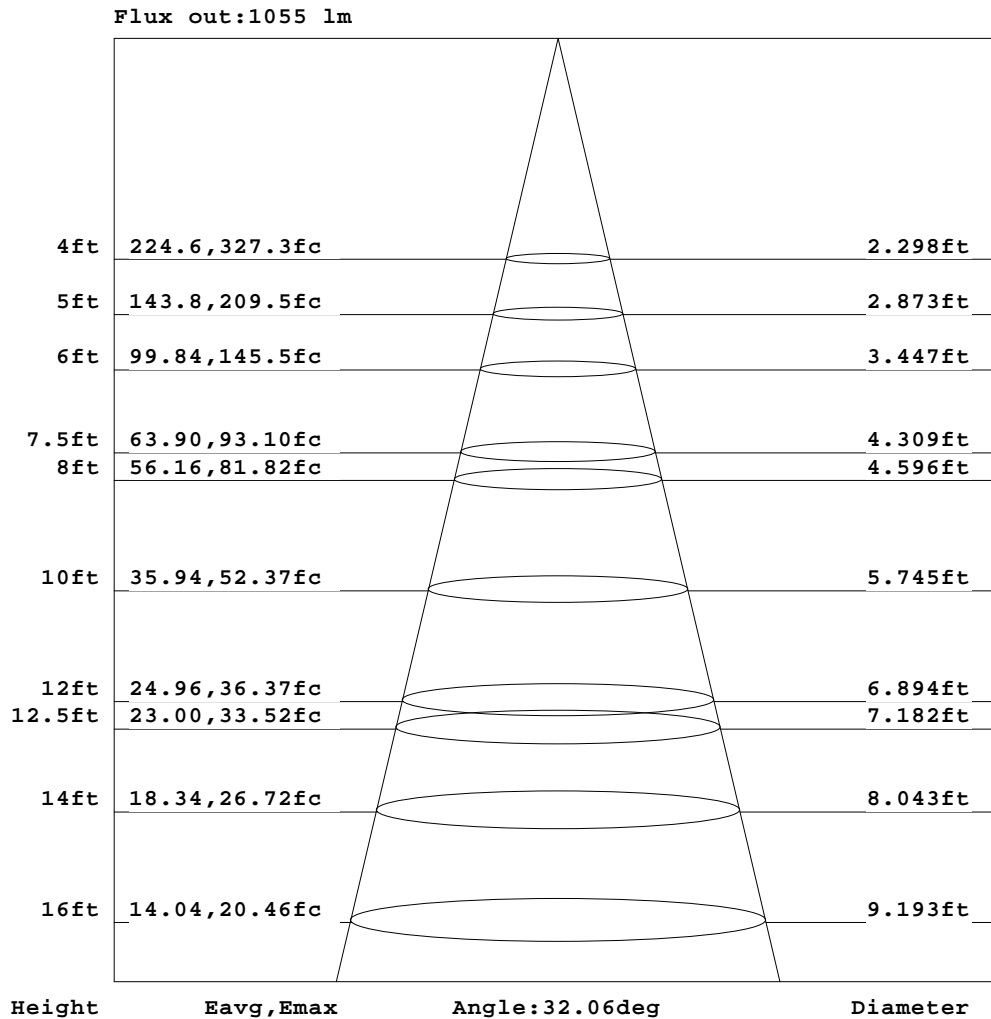


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-13

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:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## AAI Figure

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131226
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



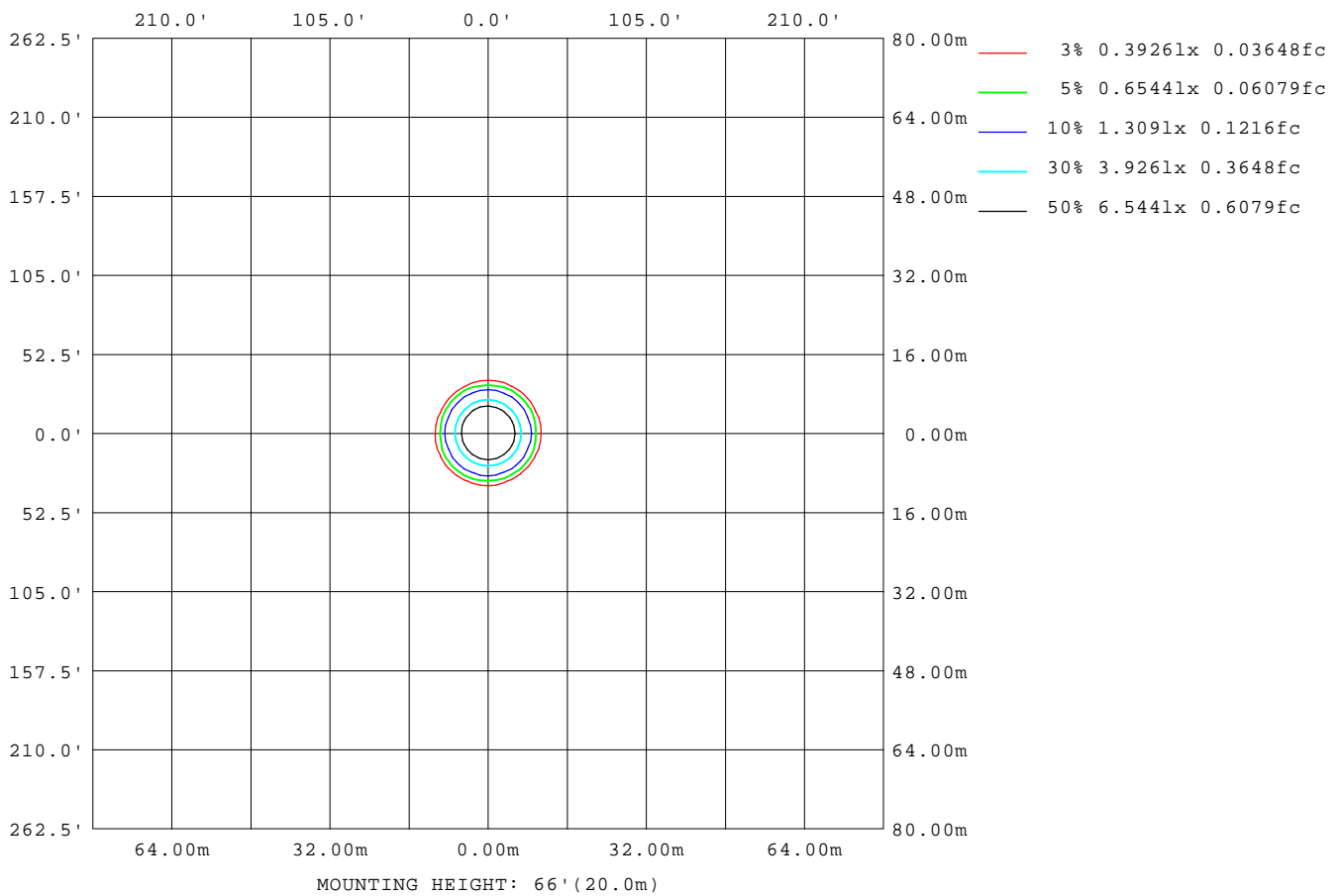
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-10-13

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: BXRE-30G1000-A-83 Ra: 90  
LENS: PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131226
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
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Test Date: 2023-10-13

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: BXRE-30G1000-A-83 Ra: 90  
LENS: PM-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131226
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

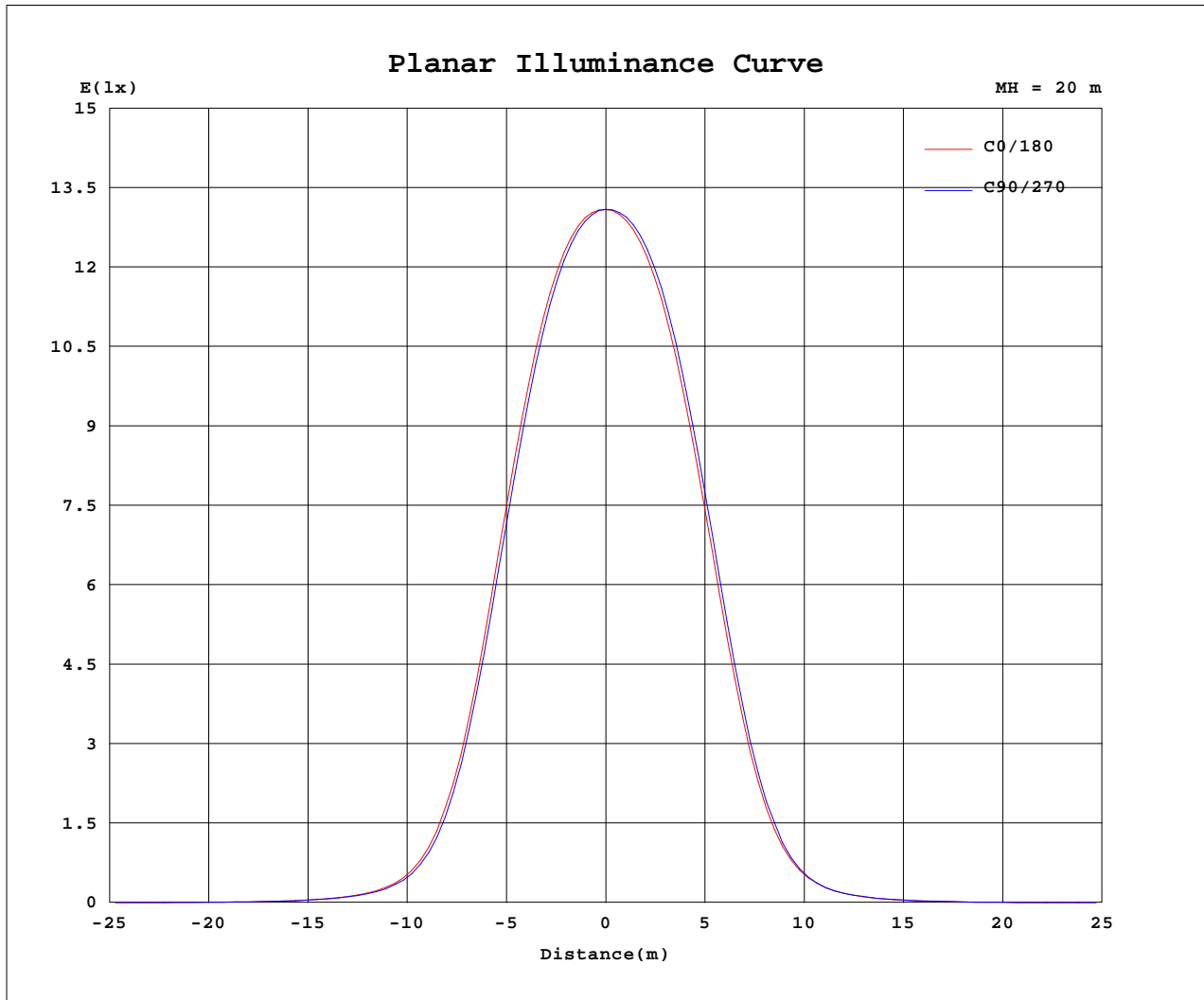
AvgL	cd/m2
L_0~180(65)av	110
L_0~180(75)av	53
L_0~180(85)av	120
L_90~270(65)av	72
L_90~270(75)av	41
L_90~270(85)av	76
L_45(65)av	80
L_45(75)av	37
L_45(85)av	44

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-13

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:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1083A 24R  
DRIVER: PUP20A-1WMC 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: 2023-10-13

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: BXRE-30G1000-A-83 Ra: 90  
 LENS: PM-1083A 24R  
 DRIVER: PUP20A-1WMC 500mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131226
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	5236	5236	5236	5236	5236	5236	5236	5236	5236	5236	5236	5236						
5	5082	5078	5059	5031	5013	5019	5045	5077	5102	5094	5079	5074						
10	4370	4373	4312	4253	4252	4267	4321	4421	4488	4429	4405	4359						
15	2974	2957	2869	2828	2853	2885	2950	3069	3162	3090	3044	2994						
20	1363	1352	1262	1266	1306	1351	1377	1448	1518	1474	1458	1396						
25	433	426	388	390	419	448	435	449	472	459	469	452						
30	140	136	127	128	139	148	135	133	140	137	145	143						
35	54.7	53.6	51.6	52.2	54.0	55.6	51.0	49.9	52.2	52.9	55.0	55.3						
40	21.7	21.3	21.1	22.8	21.1	21.3	20.4	19.3	20.5	20.4	21.4	21.9						
45	7.70	7.26	7.41	9.74	7.33	6.92	6.85	6.61	6.75	6.48	7.43	7.72						
50	3.55	3.01	3.15	6.30	3.15	2.87	3.16	3.14	3.23	2.81	3.34	3.47						
55	1.10	1.01	0.65	4.00	0.61	0.82	1.03	1.04	1.00	0.71	0.74	0.92						
60	0.45	0.38	0.26	0.25	0.25	0.27	0.39	0.41	0.32	0.31	0.31	0.35						
65	0.31	0.25	0.15	0.18	0.17	0.18	0.27	0.27	0.21	0.20	0.22	0.25						
70	0.15	0.11	0.09	0.09	0.09	0.10	0.13	0.13	0.09	0.09	0.09	0.12						
75	0.09	0.07	0.06	0.07	0.06	0.06	0.09	0.06	0.06	0.06	0.06	0.06						
80	0.07	0.05	0.05	0.05	0.04	0.05	0.08	0.05	0.04	0.05	0.04	0.04						
85	0.06	0.03	0.03	0.04	0.03	0.03	0.07	0.03	0.02	0.04	0.02	0.03						
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						

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