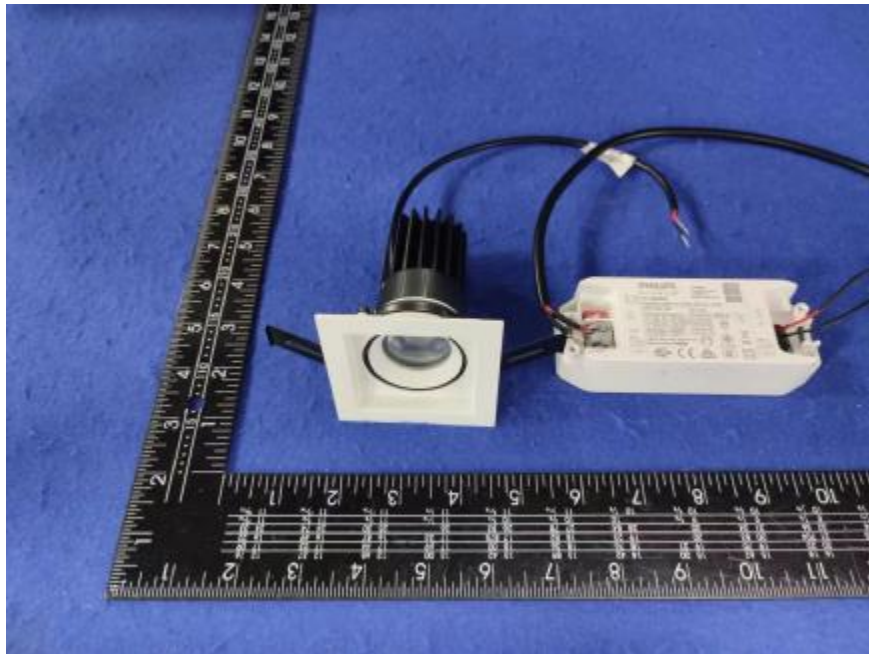


## Luminaire Photograph



Light Output Ratio:	69.1%	
Luminaire Power:	10.33 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: 2023-11-17

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: BXR-V-DR-1830G-0600-B-23 Ra: 90  
LENS: PM-1103 15R+DIFFUSER  
DRIVER: 9290 028 088 250mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

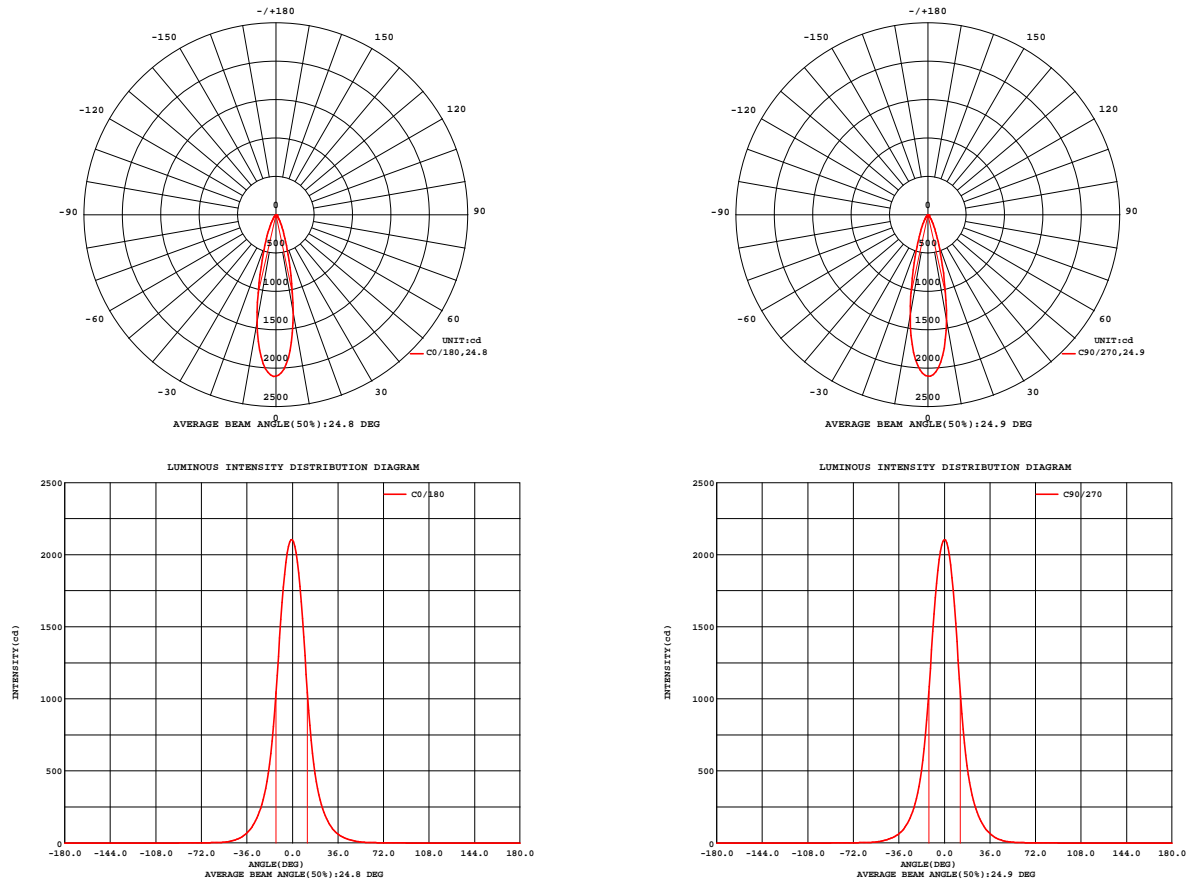


Fig. C0/C180

Fig. C90/C270

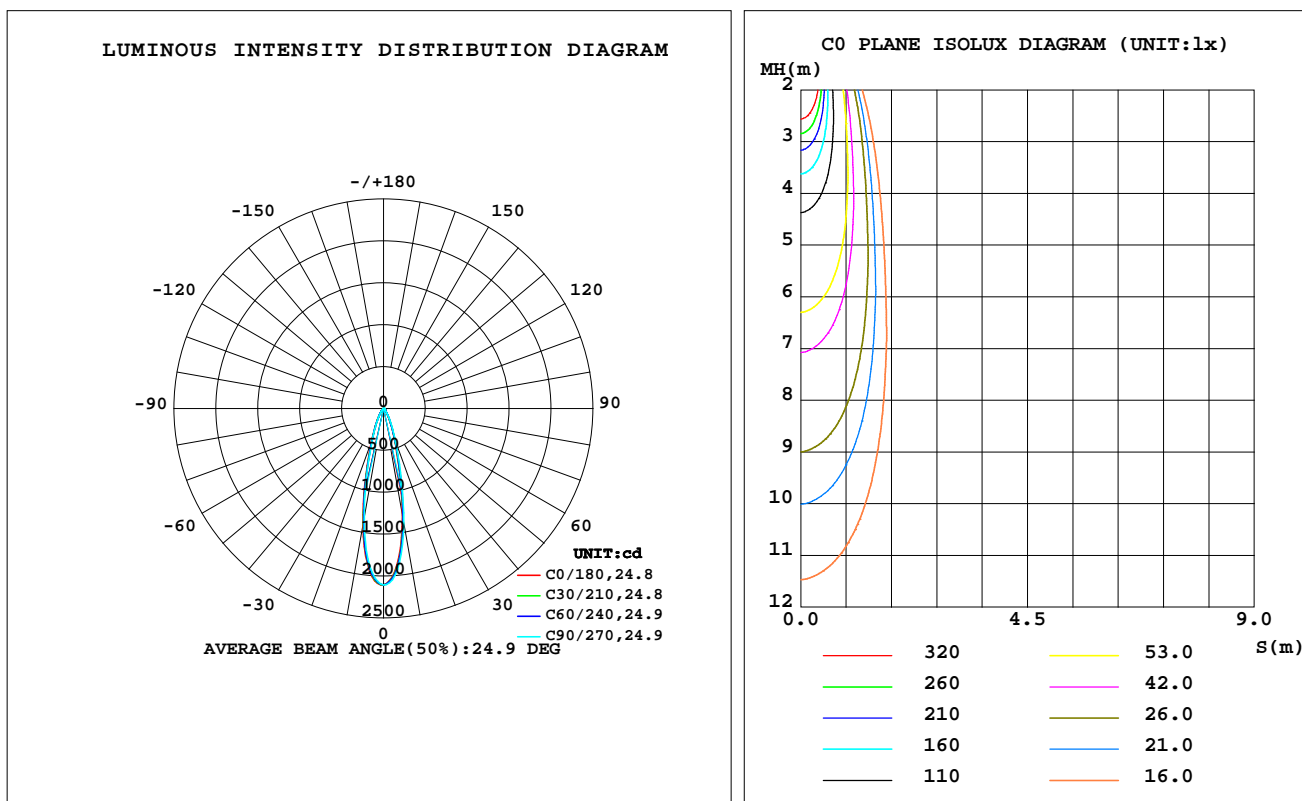
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-11-17

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: BXR-V-DR-1830G-0600-B-23 Ra: 90  
LENS: PM-1103 15R+DIFFUSER  
DRIVER: 9290 028 088 250mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171342
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 54.50 lm/W
MODEL	Bridgelux	I <sub>max</sub> (cd)	2106	S/MH(C0/180)		0.44
NOMINAL POWER(W)	10	LOR(%)	69.1	S/MH(C90/270)		0.42
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	562.83	UP,DN(C0-180)		0.0,34.8
NOMINAL FLUX(lm)	814.298	CIE CLASS	DIRECT	UP,DN(C180-360)		0.0,34.3
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM		0.00
TEST VOLTAGE(V)	220	down(%)	69.1	CIBSE SHR MAX		0.30



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:zoe  
 Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
 LENS:PM-1103 15R+DIFFUSER  
 DRIVER:9290 028 088 250mA  
 30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	1299	1341	1398	1430	1423	1388	1340	1300	0- 10	164.5	164.5	29.2,20.2
20	376.6	394.1	419.9	435.6	426.5	409.5	391.1	375.1	10- 20	214.0	378.5	67.3,46.5
30	121.0	126.2	134.2	140.7	137.5	129.6	123.1	118.9	20- 30	107.0	485.5	86.3,59.6
40	40.91	42.13	39.75	45.96	42.02	43.35	41.56	40.42	30- 40	47.82	533.4	94.8,65.5
50	12.22	13.75	9.445	13.45	9.876	14.52	12.62	14.29	40- 50	19.13	552.5	98.2,67.8
60	3.837	4.040	3.023	3.549	3.190	4.234	3.849	4.606	50- 60	6.461	558.9	99.3,68.6
70	1.534	1.570	0.9922	1.275	1.105	1.772	1.650	2.043	60- 70	2.603	561.6	99.8,69
80	0.5778	0.4854	0.2982	0.3271	0.3301	0.5467	0.5908	0.7222	70- 80	0.9327	562.5	99.9,69.1
90	0	0	0	0	0	0	0	0	80- 90	0.3490	562.8	100,69.1
100	0	0	0	0	0	0	0	0	90-100	0	562.8	100,69.1
110	0	0	0	0	0	0	0	0	100-110	0	562.8	100,69.1
120	0	0	0	0	0	0	0	0	110-120	0	562.8	100,69.1
130	0	0	0	0	0	0	0	0	120-130	0	562.8	100,69.1
140	0	0	0	0	0	0	0	0	130-140	0	562.8	100,69.1
150	0	0	0	0	0	0	0	0	140-150	0	562.8	100,69.1
160	0	0	0	0	0	0	0	0	150-160	0	562.8	100,69.1
170	0	0	0	0	0	0	0	0	160-170	0	562.8	100,69.1
180	0	0	0	0	0	0	0	0	170-180	0	562.8	100,69.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103 15R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz  
Lamp Flux:814.298x1 lm

NAME: 2214.411-1-ACOT-97-DW

TYPE:

WEIGHT:

SPEC.: 3000K

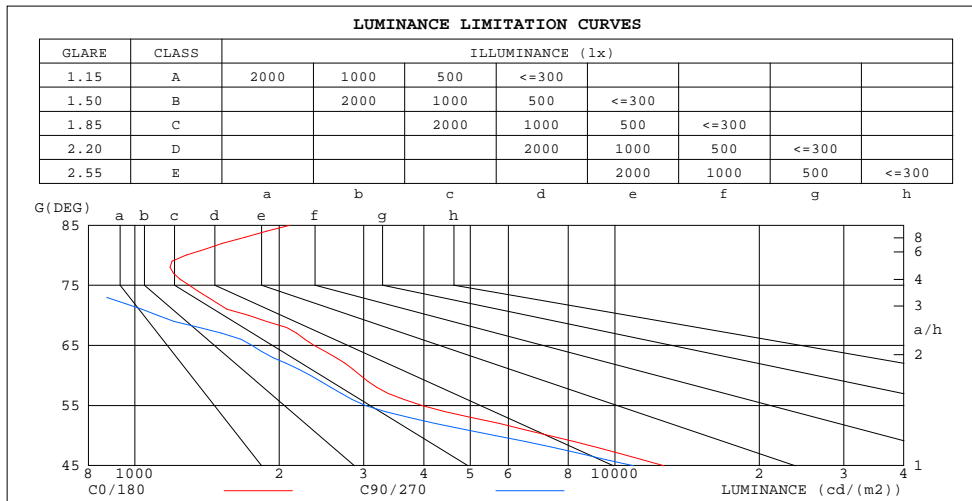
DIM.:

SERIAL No.: 2311171342

MFR.: RISE

SUR.: 0.002601m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	2100	787
80	1280	660
75	1298	721
70	1725	1115
65	2364	1755
60	2952	2323
55	3971	3028
50	7315	5645
45	12662	10942

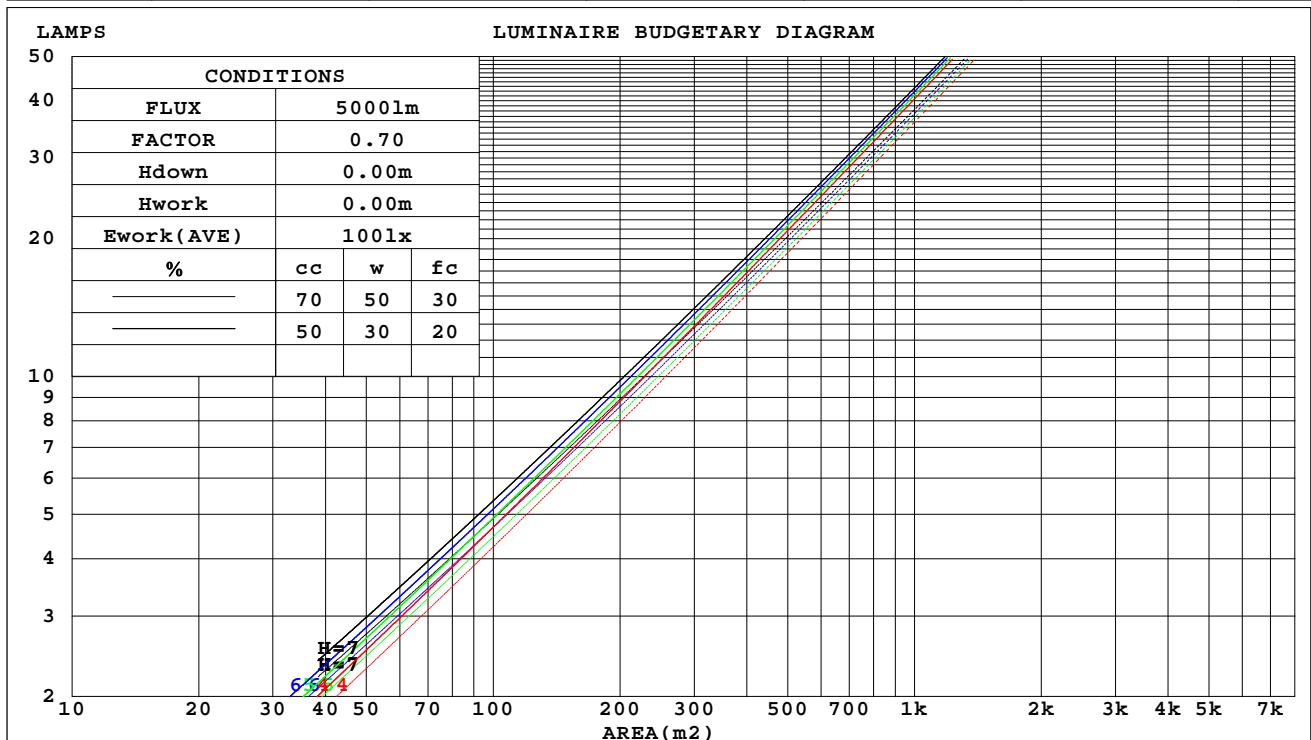
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3 °C  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103 15R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171342
MFR.: RISE	SUR.: 0.002601m2	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	.82	.82	.82	.80	.80	.80	.77	.77	.77	.74	.74	.74	.71	.71	.71	.69
1.0	.77	.76	.75	.76	.75	.74	.73	.72	.71	.71	.70	.69	.68	.68	.67	.66
2.0	.73	.71	.69	.72	.70	.68	.70	.68	.67	.68	.67	.65	.66	.65	.64	.63
3.0	.70	.67	.64	.69	.66	.64	.67	.65	.63	.65	.64	.62	.64	.62	.61	.60
4.0	.66	.63	.61	.66	.63	.60	.64	.62	.60	.63	.61	.59	.62	.60	.58	.58
5.0	.63	.60	.58	.63	.60	.57	.62	.59	.57	.60	.58	.56	.59	.58	.56	.55
6.0	.61	.57	.55	.60	.57	.55	.59	.56	.54	.58	.56	.54	.57	.55	.54	.53
7.0	.58	.55	.53	.58	.55	.53	.57	.54	.52	.56	.54	.52	.56	.53	.52	.51
8.0	.56	.53	.51	.56	.53	.50	.55	.52	.50	.54	.52	.50	.54	.52	.50	.49
9.0	.54	.51	.49	.54	.51	.49	.53	.50	.48	.53	.50	.48	.52	.50	.48	.47
10.0	.52	.49	.47	.52	.49	.47	.51	.49	.47	.51	.48	.47	.51	.48	.47	.46



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2023-11-17

```

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:BXRV-DR-1830G-0600-B-23 Ra:90
          LENS:PM-1103 15R+DIFFUSER
          DRIVER:9290 028 088 250mA
          30minutes warm-up

```

### WEC AND CCEC

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171342
MFR.: RISE	SUR.: 0.002601m2	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	.105	.060	.019	.100	.057	.018	.092	.053	.017	.084	.048	.015	.076	.044	.014	
2.0	.098	.054	.017	.095	.052	.016	.087	.049	.015	.081	.045	.014	.075	.042	.013	
3.0	.092	.049	.015	.089	.048	.014	.083	.045	.014	.078	.043	.013	.073	.040	.012	
4.0	.087	.045	.013	.084	.044	.013	.079	.042	.013	.075	.040	.012	.070	.038	.012	
5.0	.082	.042	.012	.080	.041	.012	.076	.039	.012	.071	.038	.011	.068	.036	.011	
6.0	.078	.039	.011	.076	.038	.011	.072	.037	.011	.069	.036	.010	.065	.034	.010	
7.0	.074	.037	.010	.072	.036	.010	.069	.035	.010	.066	.034	.010	.063	.033	.010	
8.0	.071	.035	.010	.069	.034	.010	.066	.033	.009	.063	.032	.009	.061	.031	.009	
9.0	.068	.033	.009	.066	.032	.009	.064	.031	.009	.061	.031	.009	.059	.030	.009	
10.0	.065	.031	.009	.063	.031	.009	.061	.030	.008	.059	.029	.008	.057	.029	.008	

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	.132	.132	.132	.113	.113	.113	.077	.077	.077	.044	.044	.044	.014	.014	.014	
1.0	.117	.109	.102	.100	.093	.087	.069	.064	.060	.039	.037	.035	.013	.012	.011	
2.0	.105	.092	.080	.090	.079	.069	.062	.055	.048	.036	.032	.028	.011	.010	.009	
3.0	.096	.078	.065	.082	.068	.056	.056	.047	.039	.032	.027	.023	.010	.009	.008	
4.0	.087	.068	.053	.075	.059	.046	.052	.041	.032	.030	.024	.019	.010	.008	.006	
5.0	.081	.060	.044	.069	.052	.038	.048	.036	.027	.028	.021	.016	.009	.007	.005	
6.0	.075	.053	.037	.064	.046	.032	.044	.032	.023	.026	.019	.014	.008	.006	.004	
7.0	.070	.047	.032	.060	.041	.028	.041	.029	.019	.024	.017	.012	.008	.006	.004	
8.0	.065	.043	.027	.056	.037	.024	.039	.026	.017	.023	.015	.010	.007	.005	.003	
9.0	.062	.039	.024	.053	.034	.021	.037	.024	.015	.021	.014	.009	.007	.005	.003	
10.0	.058	.036	.021	.050	.031	.018	.035	.022	.013	.020	.013	.008	.007	.004	.003	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103 15R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm										
NAME: 2214.411-1-ACOT-97-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2311171342		
MFR.: RISE					SUR.: 0.002601m2			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	14.7	15.5	14.9	15.6	15.8	14.5	15.3	14.8	15.4	15.6
3H	14.7	15.4	14.9	15.6	15.8	14.5	15.2	14.7	15.3	15.5
4H	14.7	15.3	14.9	15.5	15.7	14.4	15.1	14.7	15.3	15.5
6H	14.6	15.2	14.9	15.5	15.7	14.3	14.9	14.6	15.2	15.4
8H	14.6	15.2	14.9	15.4	15.7	14.3	14.9	14.6	15.1	15.4
12H	14.6	15.1	14.9	15.4	15.7	14.2	14.8	14.6	15.1	15.4
4H 2H	14.6	15.3	14.9	15.5	15.7	14.4	15.1	14.7	15.3	15.5
3H	14.6	15.2	14.9	15.4	15.7	14.4	14.9	14.7	15.2	15.5
4H	14.6	15.1	14.9	15.4	15.7	14.3	14.8	14.6	15.1	15.4
6H	14.5	15.0	14.9	15.3	15.6	14.2	14.7	14.6	15.0	15.3
8H	14.5	14.9	14.9	15.3	15.6	14.2	14.6	14.6	14.9	15.3
12H	14.5	14.9	14.9	15.3	15.6	14.1	14.5	14.5	14.9	15.3
8H 4H	14.4	14.9	14.8	15.2	15.6	14.2	14.6	14.6	14.9	15.3
6H	14.4	14.7	14.8	15.1	15.6	14.1	14.4	14.5	14.8	15.3
8H	14.4	14.7	14.8	15.1	15.6	14.1	14.4	14.5	14.8	15.2
12H	14.4	14.7	14.9	15.1	15.6	14.0	14.3	14.5	14.7	15.2
12H 4H	14.4	14.8	14.8	15.1	15.5	14.1	14.5	14.5	14.9	15.3
6H	14.3	14.7	14.8	15.1	15.5	14.0	14.4	14.5	14.8	15.2
8H	14.3	14.6	14.8	15.1	15.5	14.0	14.3	14.5	14.7	15.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.2 / - 4.7					+ 2.6 / - 6.1				
1.5H	+ 3.4 / - 3.3					+ 4.0 / - 4.8				
2.0H	+ 4.0 / - 3.3					+ 4.3 / - 3.8				

CIE Pub.117, 814.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)  
Area: 0.002601 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103 15R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171342
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

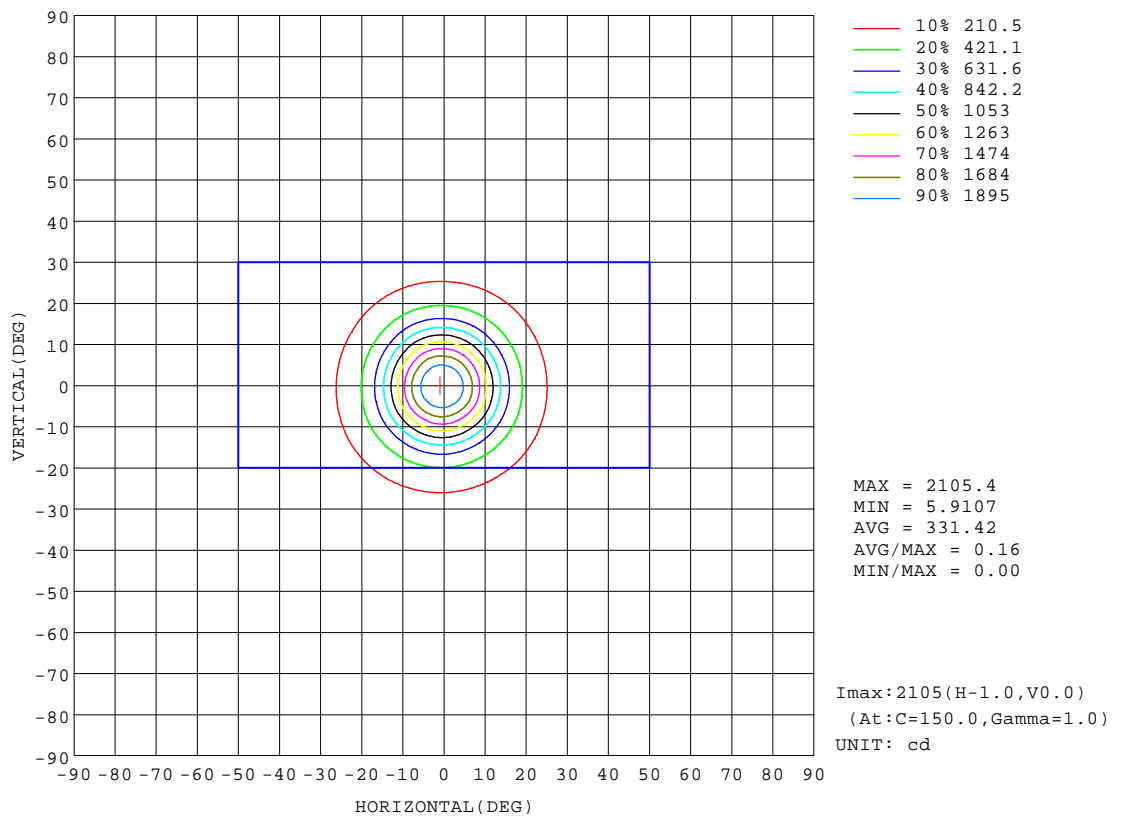
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	57	54	61	57	54	60	56	54	52
0.80	66	62	60	66	62	60	65	62	59	57
1.00	69	65	63	68	65	63	67	65	62	60
1.25	72	68	66	71	68	66	70	67	65	62
1.50	74	70	68	73	70	68	71	69	67	64
2.00	75	72	70	74	72	70	72	70	69	65
2.50	76	74	72	75	73	71	73	71	70	66
3.00	77	75	73	76	74	73	74	72	71	67
4.00	79	77	75	77	76	74	75	74	73	68
5.00	80	78	77	78	77	76	75	75	74	68
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:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103 15R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171342
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

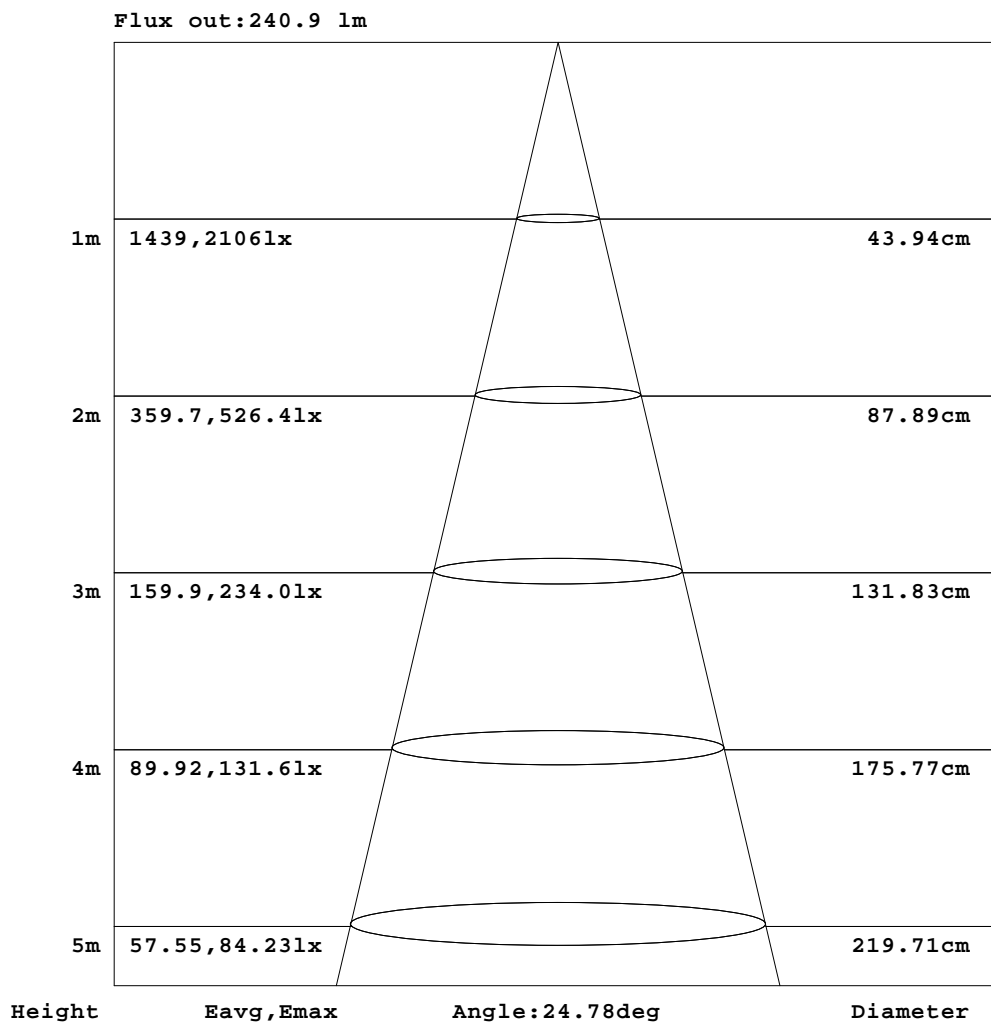


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXR-V-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103 15R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

## AAI Figure

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171342
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:



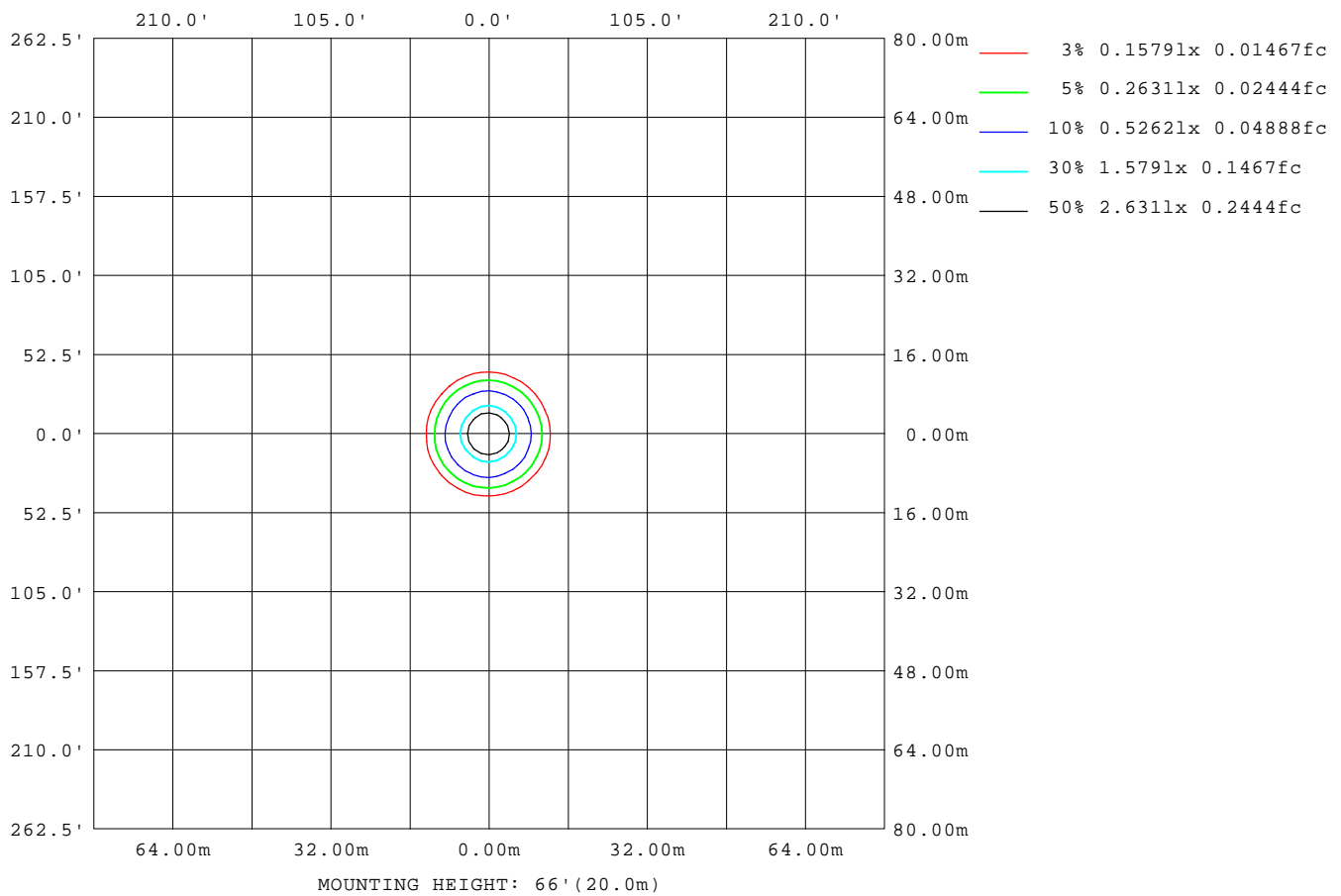
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103 15R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171342
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103 15R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

## LED Avg.L Report

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171342
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

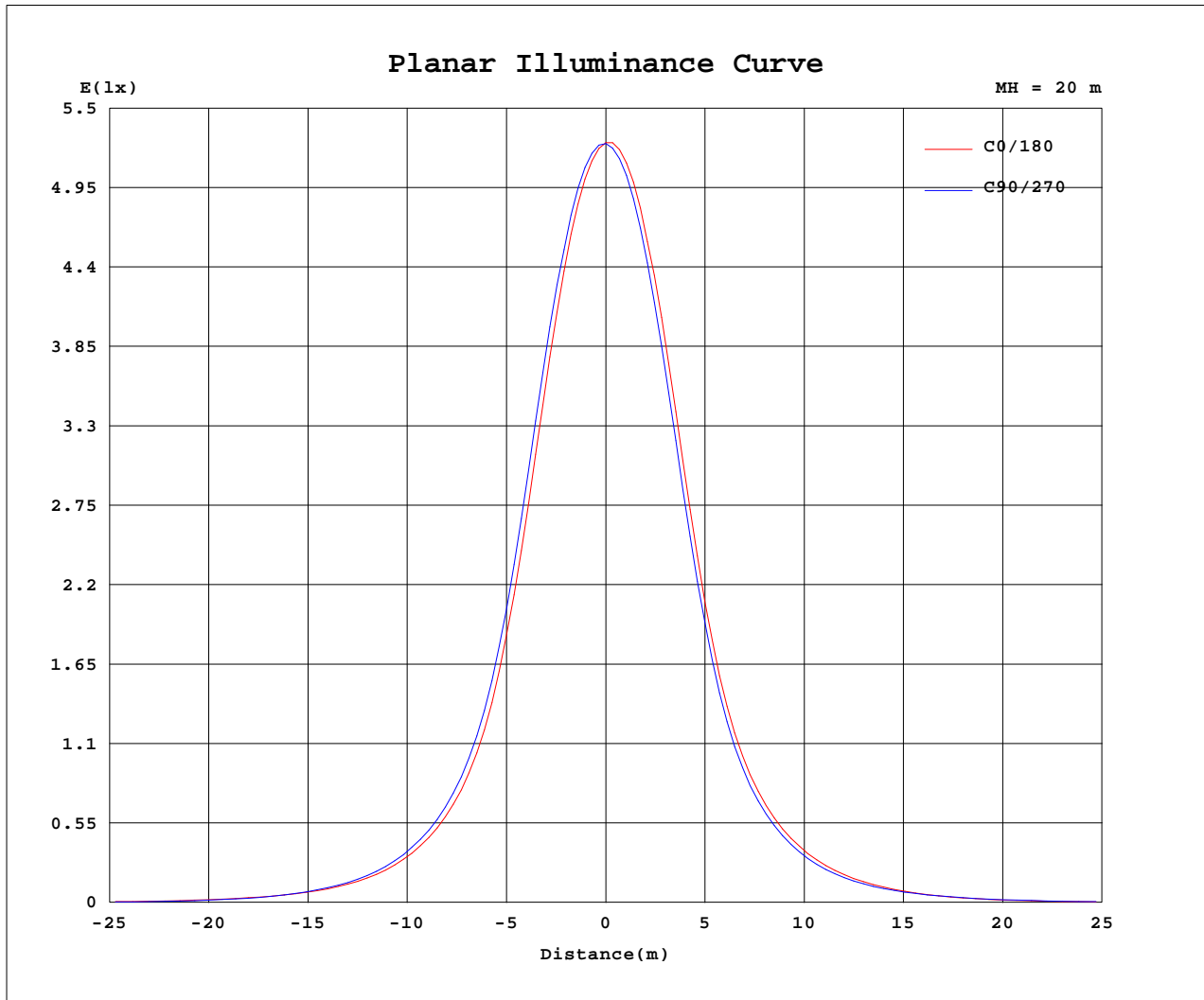
AvgL	cd/m2
L_0~180(65)av	2128
L_0~180(75)av	1070
L_0~180(85)av	1557
L_90~270(65)av	2095
L_90~270(75)av	1061
L_90~270(85)av	1539
L_45(65)av	2534
L_45(75)av	1325
L_45(85)av	1623

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103 15R+DIFFUSER  
DRIVER:9290 028 088 250mA  
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: 2023-11-17

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: BXRV-DR-1830G-0600-B-23 Ra: 90  
 LENS: PM-1103 15R+DIFFUSER  
 DRIVER: 9290 028 088 250mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.23V I:0.0488A P:10.327W PF:0.9587 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171342
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2104	2104	2104	2104	2104	2104	2104	2104	2104	2104	2104	2104						
5	1872	1886	1901	1928	1943	1954	1945	1926	1916	1891	1869	1862						
10	1299	1335	1348	1398	1419	1441	1423	1391	1384	1340	1314	1286						
15	712	737	752	789	813	822	807	784	780	746	723	702						
20	377	389	399	420	433	439	427	411	408	391	380	371						
25	212	219	223	236	245	248	240	229	226	217	212	208						
30	121	126	127	134	140	142	138	131	128	123	120	118						
35	69.9	72.6	73.2	75.6	79.7	81.0	78.2	75.6	73.9	71.2	69.4	68.2						
40	40.9	42.1	42.2	39.7	45.8	46.1	42.0	43.8	42.9	41.6	40.8	40.1						
45	23.3	24.7	23.5	20.1	25.4	25.2	21.3	25.3	25.2	23.7	24.2	23.7						
50	12.2	14.7	12.8	9.44	13.8	13.1	9.88	14.4	14.6	12.6	14.5	14.1						
55	5.92	8.24	6.18	4.52	6.72	5.88	4.67	7.59	7.86	6.15	8.40	7.79						
60	3.84	4.44	3.64	3.02	3.58	3.52	3.19	4.14	4.33	3.85	4.79	4.42						
65	2.60	2.89	2.42	1.93	2.24	2.25	2.08	2.77	2.96	2.68	3.24	3.10						
70	1.53	1.74	1.40	0.99	1.26	1.29	1.11	1.69	1.86	1.65	2.08	2.00						
75	0.87	0.90	0.73	0.49	0.61	0.62	0.57	0.87	0.99	0.94	1.16	1.11						
80	0.58	0.55	0.42	0.30	0.32	0.33	0.33	0.50	0.60	0.59	0.74	0.70						
85	0.48	0.38	0.24	0.18	0.16	0.19	0.23	0.33	0.48	0.52	0.57	0.56						
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:2023-11-17

Range: 0 - 180DEG  
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