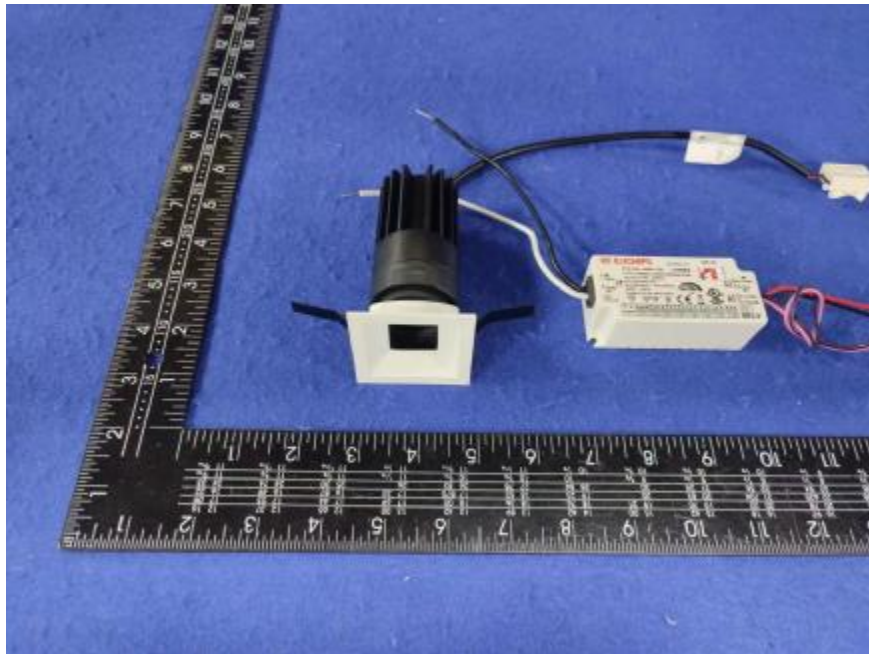


### Luminaire Photograph



Light Output Ratio:	39.9%	
Luminaire Power:	11.23 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: 2024-1-5

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-100Z-A-23 Ra: 90  
LENS: PM-1103A 24R+DIFFUSER  
DRIVER: PUP10A-1WMC-700 500mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

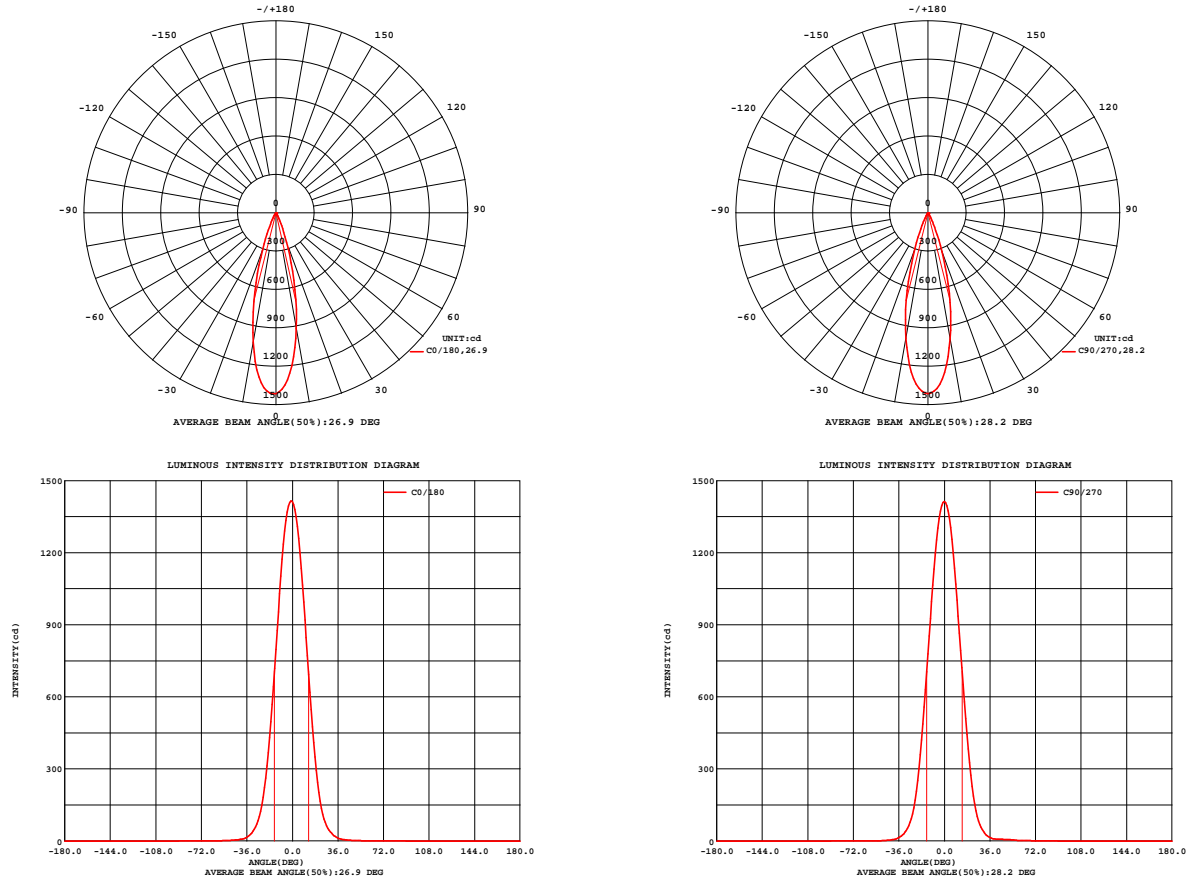


Fig. C0/C180

Fig. C90/C270

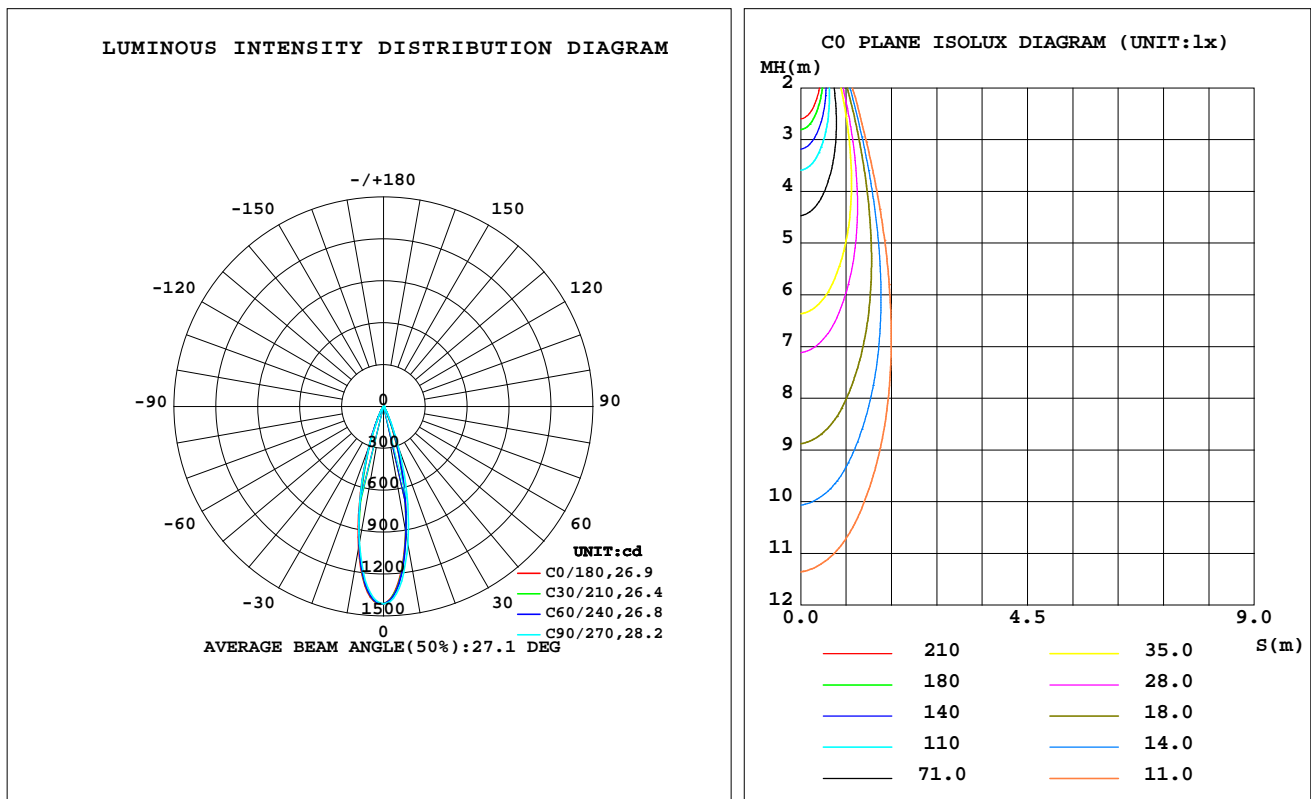
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-1-5

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-100Z-A-23 Ra: 90  
LENS: PM-1103A 24R+DIFFUSER  
DRIVER: PUP10A-1WMC-700 500mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.118-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 31.61 lm/W			
MODEL	Bridgelux	Imax(cd)	1417	S/MH(C0/180)	0.47
NOMINAL POWER(W)	11	LOR(%)	39.9	S/MH(C90/270)	0.46
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	355.09	UP,DN(C0-180)	0.0,20.0
NOMINAL FLUX(lm)	889.25	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,19.9
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	down(%)	39.9	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	920.2	925.0	1003	1048	1029	1008	995.8	936.1	0- 10	113.7	113.7	32,12.8
20	244.8	259.0	325.7	324.8	311.8	294.4	301.5	260.4	10- 20	162.7	276.5	77.9,31.1
30	37.85	44.72	47.30	57.98	48.67	50.80	43.94	43.77	20- 30	58.88	335.4	94.4,37.7
40	6.409	6.973	8.445	9.044	7.665	7.783	6.408	6.534	30- 40	13.37	348.7	98.2,39.2
50	1.736	2.702	6.175	3.301	2.264	1.982	1.282	1.702	40- 50	3.218	352.0	99.1,39.6
60	0.9757	1.270	2.101	1.436	1.007	0.9427	0.7152	0.9166	50- 60	1.575	353.5	99.6,39.8
70	0.6380	0.8113	1.254	0.8853	0.6274	0.8845	1.043	0.8833	60- 70	0.9961	354.5	99.8,39.9
80	0.0819	0.1817	0.2806	0.2120	0.0812	0.0632	0.0546	0.0614	70- 80	0.4763	355.0	100,39.9
90	0	0	0	0	0	0	0	0	80- 90	0.0892	355.1	100,39.9
100	0	0	0	0	0	0	0	0	90-100	0	355.1	100,39.9
110	0	0	0	0	0	0	0	0	100-110	0	355.1	100,39.9
120	0	0	0	0	0	0	0	0	110-120	0	355.1	100,39.9
130	0	0	0	0	0	0	0	0	120-130	0	355.1	100,39.9
140	0	0	0	0	0	0	0	0	130-140	0	355.1	100,39.9
150	0	0	0	0	0	0	0	0	140-150	0	355.1	100,39.9
160	0	0	0	0	0	0	0	0	150-160	0	355.1	100,39.9
170	0	0	0	0	0	0	0	0	160-170	0	355.1	100,39.9
180	0	0	0	0	0	0	0	0	170-180	0	355.1	100,39.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz  
Lamp Flux:889.25x1 lm

NAME: 2218.118-LEA-09B-DW

TYPE:

WEIGHT:

SPEC.: 3000K

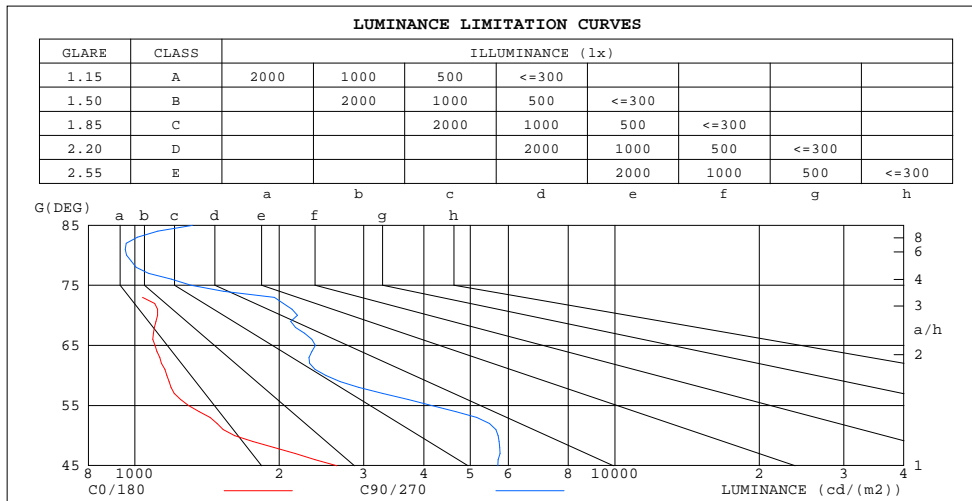
DIM.:

SERIAL No.: 2401050014

MFR.: RISE

SUR.: 0.001681m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	282	1319
80	282	961
75	325	1309
70	1115	2182
65	1101	2377
60	1166	2501
55	1294	4161
50	1614	5715
45	2634	5703

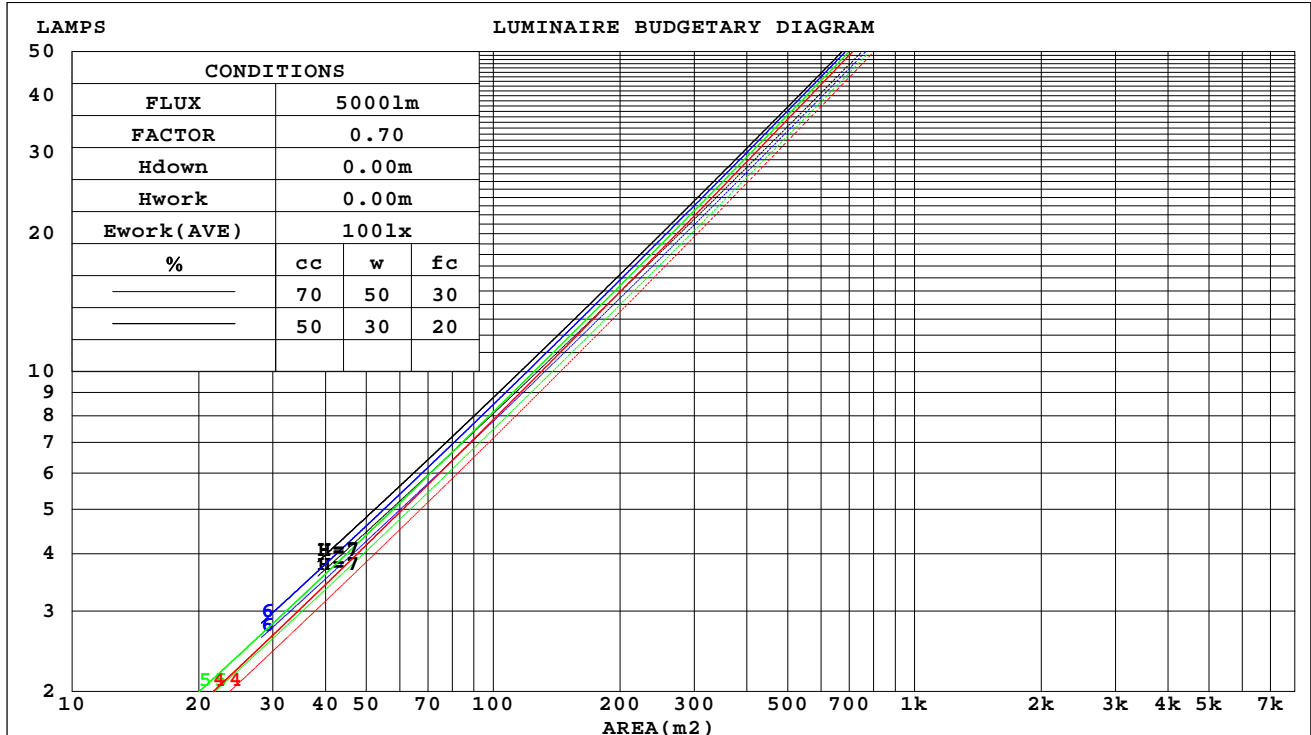
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.118-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: RISE	SUR.: 0.001681m2	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															



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.118-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: RISE	SUR.: 0.001681m2	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	.056	.032	.010	.053	.031	.010	.049	.028	.009	.044	.025	.008	.040	.023	.007	
2.0	.052	.029	.009	.050	.028	.008	.046	.025	.008	.042	.024	.007	.039	.022	.007	
3.0	.049	.026	.008	.047	.025	.008	.043	.024	.007	.040	.022	.007	.037	.021	.006	
4.0	.046	.024	.007	.044	.023	.007	.041	.022	.007	.039	.021	.006	.036	.020	.006	
5.0	.043	.022	.006	.042	.021	.006	.039	.020	.006	.037	.020	.006	.035	.019	.006	
6.0	.041	.020	.006	.040	.020	.006	.037	.019	.006	.036	.018	.005	.034	.018	.005	
7.0	.039	.019	.005	.038	.019	.005	.036	.018	.005	.034	.018	.005	.033	.017	.005	
8.0	.037	.018	.005	.036	.018	.005	.034	.017	.005	.033	.017	.005	.031	.016	.005	
9.0	.035	.017	.005	.035	.017	.005	.033	.016	.005	.032	.016	.005	.030	.015	.004	
10.0	.034	.016	.005	.033	.016	.004	.032	.016	.004	.031	.015	.004	.030	.015	.004	

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	.076	.076	.076	.065	.065	.065	.044	.044	.044	.025	.025	.025	.008	.008	.008		
1.0	.067	.063	.059	.058	.054	.051	.039	.037	.035	.023	.022	.020	.007	.007	.007		
2.0	.060	.053	.047	.052	.046	.041	.035	.032	.028	.020	.018	.017	.007	.006	.005		
3.0	.054	.045	.038	.047	.039	.033	.032	.027	.023	.018	.016	.014	.006	.005	.004		
4.0	.049	.039	.031	.042	.034	.027	.029	.024	.019	.017	.014	.011	.005	.004	.004		
5.0	.045	.034	.026	.039	.030	.023	.027	.021	.016	.015	.012	.010	.005	.004	.003		
6.0	.042	.030	.022	.036	.026	.019	.025	.018	.014	.014	.011	.008	.005	.004	.003		
7.0	.039	.027	.019	.033	.023	.016	.023	.016	.012	.013	.010	.007	.004	.003	.002		
8.0	.036	.024	.016	.031	.021	.014	.022	.015	.010	.013	.009	.006	.004	.003	.002		
9.0	.034	.022	.014	.029	.019	.012	.020	.013	.009	.012	.008	.005	.004	.003	.002		
10.0	.032	.020	.012	.028	.018	.011	.019	.012	.008	.011	.007	.005	.004	.002	.002		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm										
NAME: 2218.118-LEA-09B-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2401050014		
MFR.: RISE					SUR.: 0.001681m2			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	6.9	7.6	7.1	7.8	7.9	8.9	9.6	9.1	9.7	9.9
3H	7.1	7.8	7.4	7.9	8.1	9.3	10.0	9.6	10.2	10.3
4H	7.2	7.8	7.4	8.0	8.2	9.5	10.1	9.7	10.3	10.5
6H	7.1	7.7	7.4	7.9	8.1	9.5	10.0	9.7	10.3	10.5
8H	7.1	7.6	7.4	7.9	8.1	9.5	10.0	9.7	10.2	10.5
12H	7.0	7.6	7.3	7.8	8.1	9.5	10.0	9.8	10.2	10.5
4H 2H	7.0	7.6	7.2	7.8	8.0	8.8	9.4	9.1	9.6	9.9
3H	7.3	7.8	7.6	8.1	8.4	9.4	9.9	9.7	10.2	10.4
4H	7.4	7.9	7.7	8.2	8.5	9.5	10.0	9.9	10.3	10.6
6H	7.3	7.8	7.7	8.1	8.4	9.6	10.0	9.9	10.3	10.7
8H	7.3	7.7	7.7	8.0	8.4	9.6	10.0	9.9	10.3	10.7
12H	7.3	7.6	7.7	8.0	8.4	9.6	9.9	10.0	10.3	10.7
8H 4H	7.4	7.8	7.8	8.1	8.5	9.5	9.9	9.9	10.2	10.6
6H	7.4	7.7	7.8	8.1	8.5	9.5	9.8	9.9	10.2	10.6
8H	7.3	7.6	7.8	8.0	8.5	9.5	9.8	10.0	10.2	10.7
12H	7.3	7.5	7.8	8.0	8.5	9.6	9.8	10.0	10.3	10.7
12H 4H	7.4	7.7	7.8	8.1	8.5	9.4	9.8	9.8	10.1	10.5
6H	7.3	7.6	7.8	8.0	8.5	9.5	9.7	9.9	10.2	10.6
8H	7.3	7.6	7.8	8.0	8.5	9.5	9.7	9.9	10.2	10.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.8 / - 2.4					+ 1.3 / - 1.2				
1.5H	+ 3.1 / - 1.9					+ 1.9 / - 1.8				
2.0H	+ 1.9 / - 1.5					+ 3.4 / - 2.3				

CIE Pub.117, 889.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)  
Area: 0.001681 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.118-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

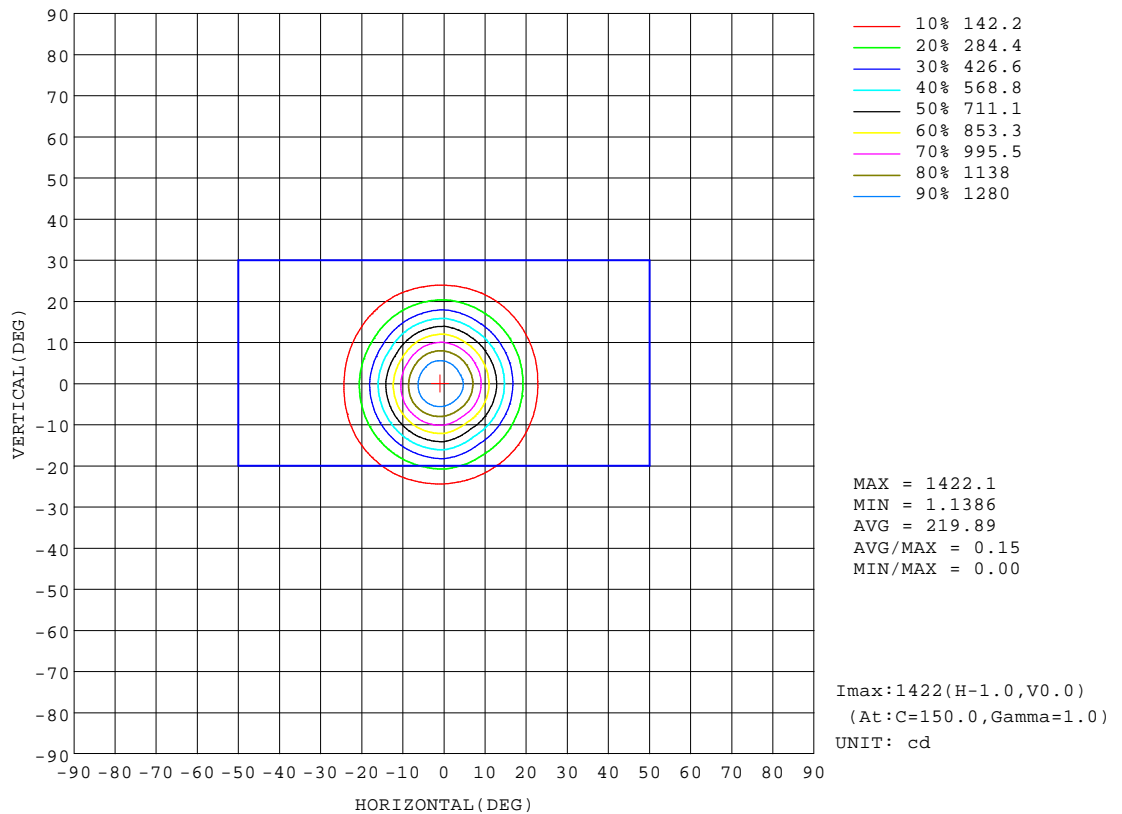
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	36	34	32	36	34	32	36	34	32	31
0.80	39	37	35	39	37	35	38	36	35	34
1.00	40	38	37	40	38	37	40	38	37	35
1.25	42	40	39	41	40	39	41	39	38	37
1.50	43	41	40	42	41	40	42	40	39	38
2.00	44	42	41	43	42	41	42	41	40	38
2.50	44	43	42	44	42	42	43	42	41	38
3.00	45	44	43	44	43	42	43	42	41	39
4.00	46	45	44	45	44	43	43	43	42	39
5.00	46	45	45	45	45	44	44	43	43	40
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:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.118-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

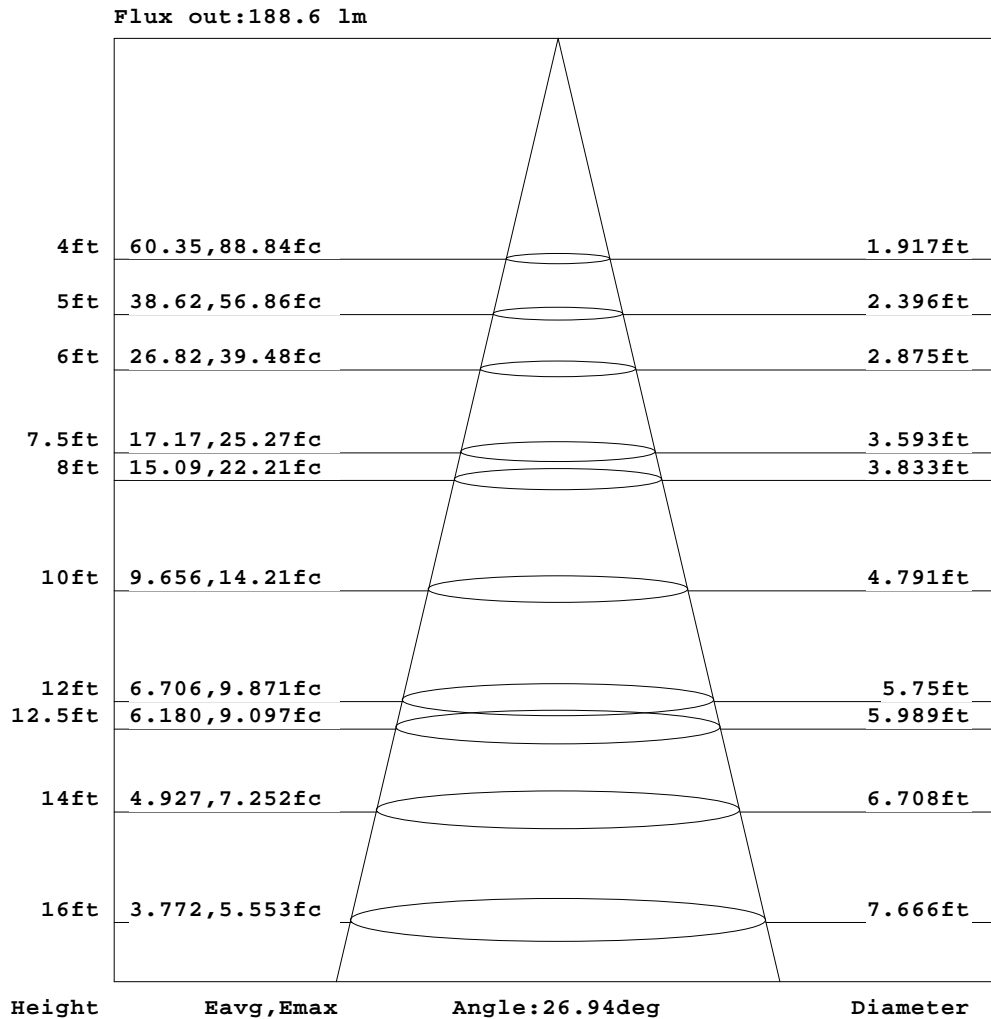


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## AAI Figure

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.118-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



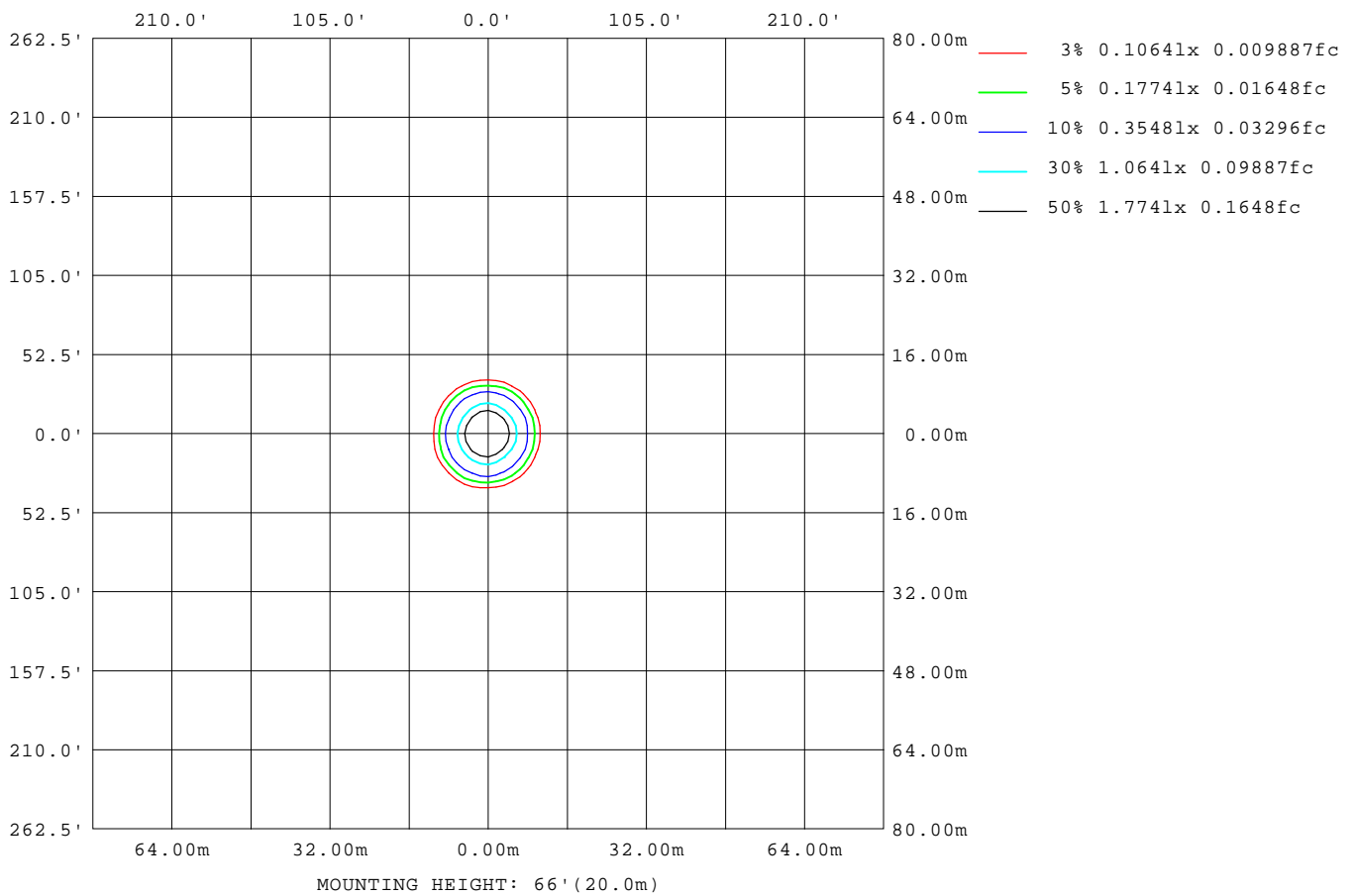
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-1-5

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-100Z-A-23 Ra:90  
LENS: PM-1103A 24R+DIFFUSER  
DRIVER: PUP10A-1WMC-700 500mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.118-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.118-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

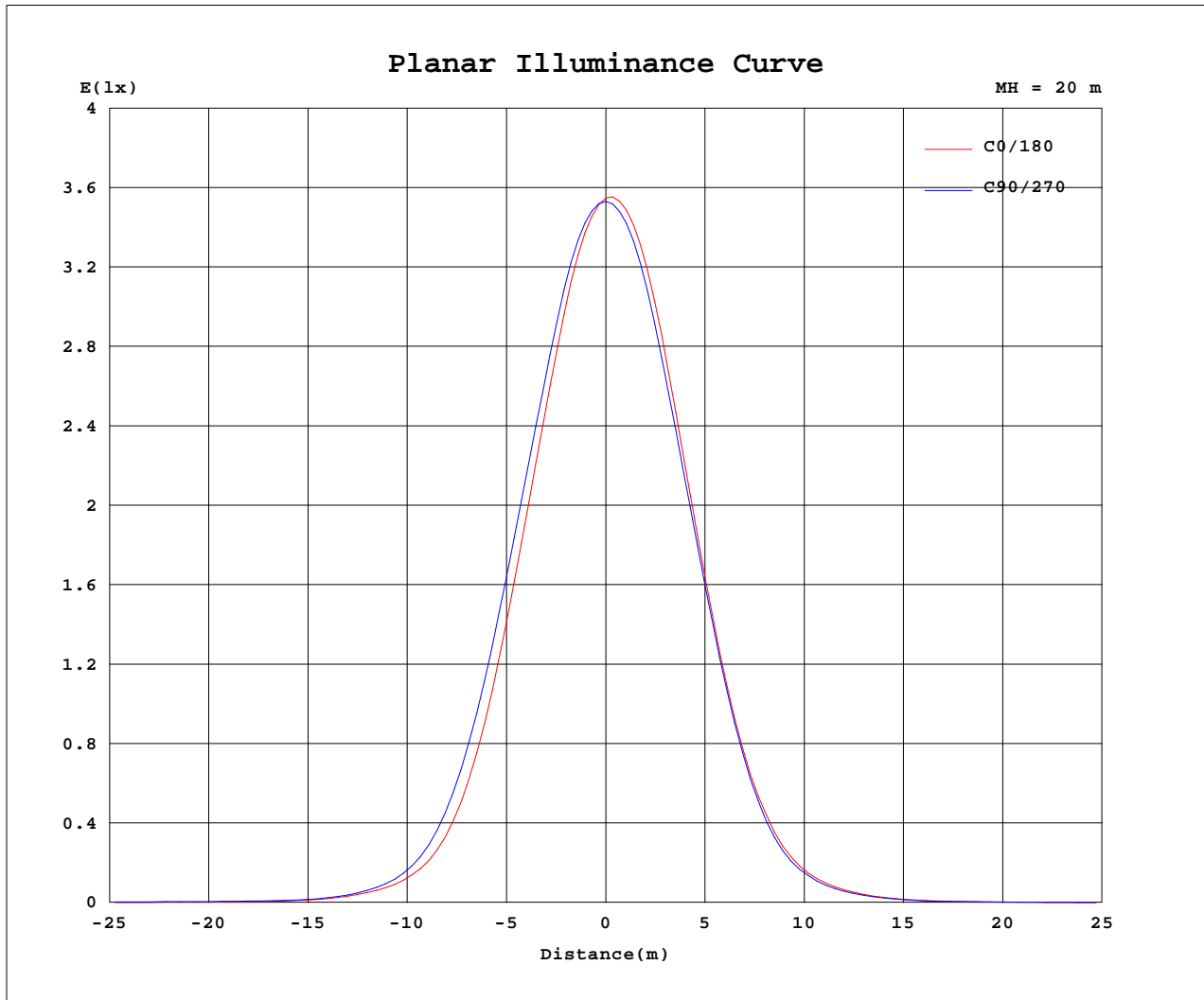
AvgL	cd/m2
L_0~180(65)av	1105
L_0~180(75)av	337
L_0~180(85)av	281
L_90~270(65)av	1736
L_90~270(75)av	778
L_90~270(85)av	755
L_45(65)av	1414
L_45(75)av	1208
L_45(85)av	582

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

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-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 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: 2024-1-5

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-100Z-A-23 Ra: 90  
 LENS: PM-1103A 24R+DIFFUSER  
 DRIVER: PUP10A-1WMC-700 500mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.118-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413						
5	1259	1266	1275	1305	1333	1348	1334	1324	1321	1302	1282	1261						
10	920	921	929	1003	1040	1055	1029	1005	1010	996	950	922						
15	546	540	551	650	661	650	642	601	624	630	566	543						
20	245	250	268	326	328	322	312	290	299	301	269	251						
25	91.8	99.8	112	125	140	139	124	122	123	113	110	99.9						
30	37.9	42.2	47.2	47.3	58.4	57.6	48.7	50.8	50.8	43.9	45.6	41.9						
35	15.3	18.0	19.0	18.3	23.6	23.5	19.6	21.2	21.1	17.4	18.9	17.8						
40	6.41	6.70	7.25	8.44	9.22	8.87	7.66	7.88	7.69	6.41	6.56	6.51						
45	3.12	3.44	4.19	6.78	4.96	4.37	4.01	3.57	3.26	2.79	2.87	3.08						
50	1.74	2.10	3.30	6.17	3.86	2.75	2.26	2.15	1.81	1.28	1.59	1.81						
55	1.24	1.41	2.33	4.01	2.78	1.79	1.42	1.39	1.11	0.84	1.03	1.20						
60	0.98	1.06	1.48	2.10	1.68	1.20	1.01	1.01	0.88	0.72	0.86	0.98						
65	0.78	0.88	1.25	1.69	1.37	0.93	0.79	0.91	0.89	0.78	0.89	0.92						
70	0.64	0.69	0.93	1.25	1.06	0.71	0.63	0.82	0.95	1.04	0.95	0.81						
75	0.14	0.50	0.54	0.57	0.60	0.53	0.15	0.40	0.55	0.11	0.46	0.36						
80	0.08	0.15	0.21	0.28	0.25	0.17	0.08	0.07	0.06	0.05	0.06	0.07						
85	0.04	0.12	0.15	0.19	0.15	0.14	0.04	0.03	0.03	0.03	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						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-5

Range: 0 - 180DEG  
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