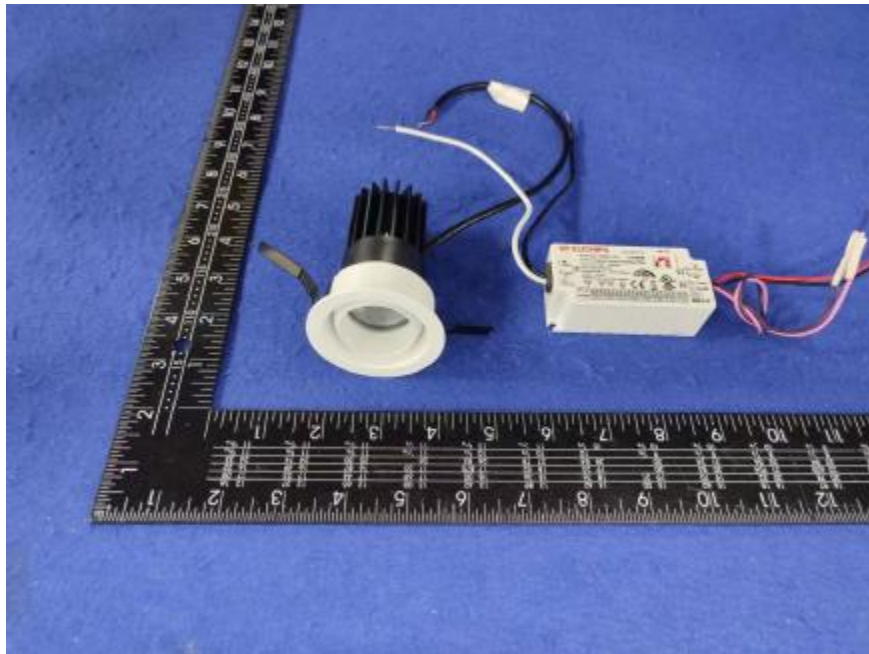


Luminaire Photograph



Light Output Ratio:	55.3%	
Luminaire Power:	11.3 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.75	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-27

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-1103C 50R+DIFFUSER
DRIVER: PUP10A-1WMC-700 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

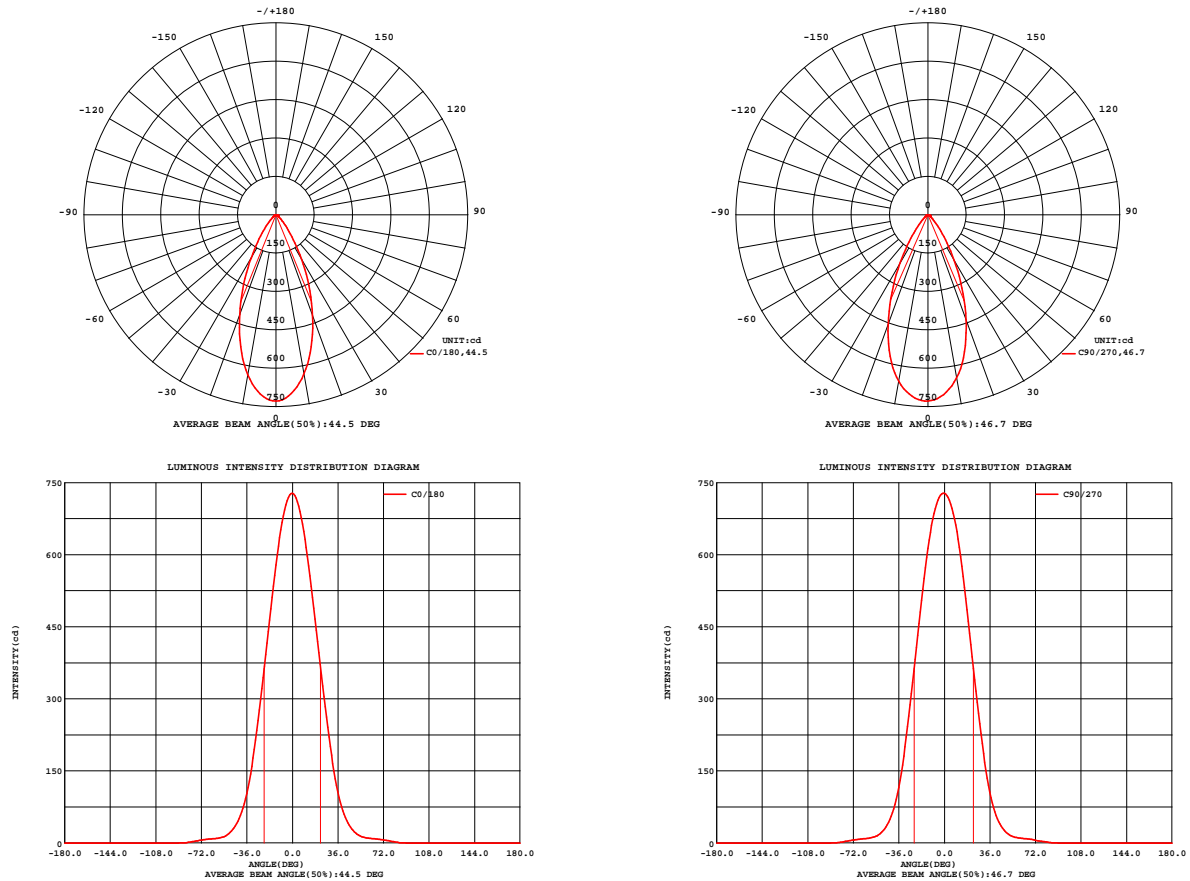


Fig. C0/C180

Fig. C90/C270

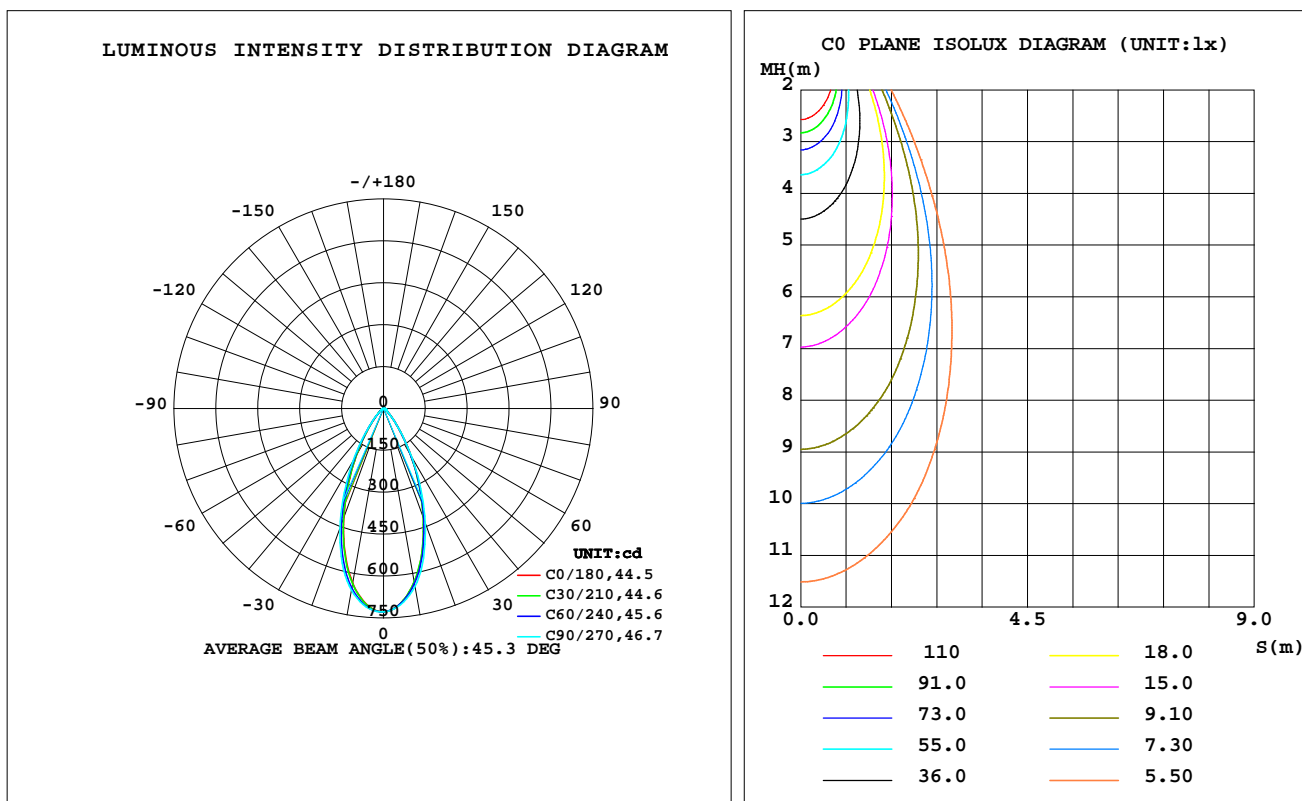
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-27

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-1103C 50R+DIFFUSER
DRIVER: PUP10A-1WMC-700 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.511-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312271381
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 43.55 lm/W			
MODEL	Bridgelux	Imax(cd)	728.0	S/MH(C0/180)	0.70
NOMINAL POWER(W)	11	LOR(%)	55.3	S/MH(C90/270)	0.75
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	492.06	UP,DN(C0-180)	0.0,27.3
NOMINAL FLUX(lm)	889.25	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,28.0
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	down(%)	55.3	CIBSE SHR MAX	0.75



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-27

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-1103C 50R+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	632.1	633.6	647.6	645.5	635.3	645.7	660.9	649.9	0- 10	65.36	65.36	13.3,7.35
20	419.4	419.2	436.7	430.9	415.9	431.5	456.5	443.9	10- 20	151.2	216.5	44,24.4
30	201.1	198.3	206.5	202.1	194.9	204.8	220.5	213.8	20- 30	142.3	358.9	72.9,40.4
40	66.88	64.83	64.99	64.92	64.69	67.30	71.01	69.57	30- 40	77.35	436.2	88.6,49.1
50	20.68	20.01	19.62	19.48	19.70	20.03	20.75	20.84	40- 50	29.44	465.6	94.6,52.4
60	10.02	10.12	10.10	9.946	9.598	9.643	9.876	9.959	50- 60	12.03	477.7	97.1,53.7
70	7.139	7.201	7.134	6.993	6.705	6.692	6.914	7.067	60- 70	8.471	486.1	98.8,54.7
80	2.817	2.849	2.458	2.555	2.304	2.267	2.434	2.647	70- 80	5.061	491.2	99.8,55.2
90	0	0	0	0	0	0	0	0	80- 90	0.8520	492.1	100,55.3
100	0	0	0	0	0	0	0	0	90-100	0	492.1	100,55.3
110	0	0	0	0	0	0	0	0	100-110	0	492.1	100,55.3
120	0	0	0	0	0	0	0	0	110-120	0	492.1	100,55.3
130	0	0	0	0	0	0	0	0	120-130	0	492.1	100,55.3
140	0	0	0	0	0	0	0	0	130-140	0	492.1	100,55.3
150	0	0	0	0	0	0	0	0	140-150	0	492.1	100,55.3
160	0	0	0	0	0	0	0	0	150-160	0	492.1	100,55.3
170	0	0	0	0	0	0	0	0	160-170	0	492.1	100,55.3
180	0	0	0	0	0	0	0	0	170-180	0	492.1	100,55.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-27

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-1103C 50R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz
Lamp Flux:889.25x1 lm

NAME: 2218.511-LEA-09B-DW

TYPE:

WEIGHT:

SPEC.: 3000K

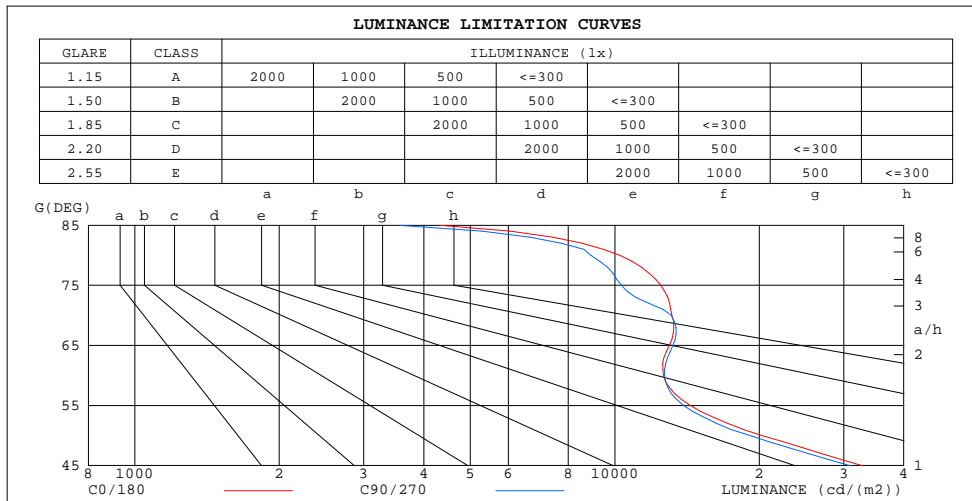
DIM.:

SERIAL No.: 2312271381

MFR.: RISE

SUR.: 0.001589625m²

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	4337	3561
80	10221	8900
75	12454	10312
70	13150	13115
65	12994	13213
60	12620	12697
55	14374	13922
50	20269	19196
45	32808	30909

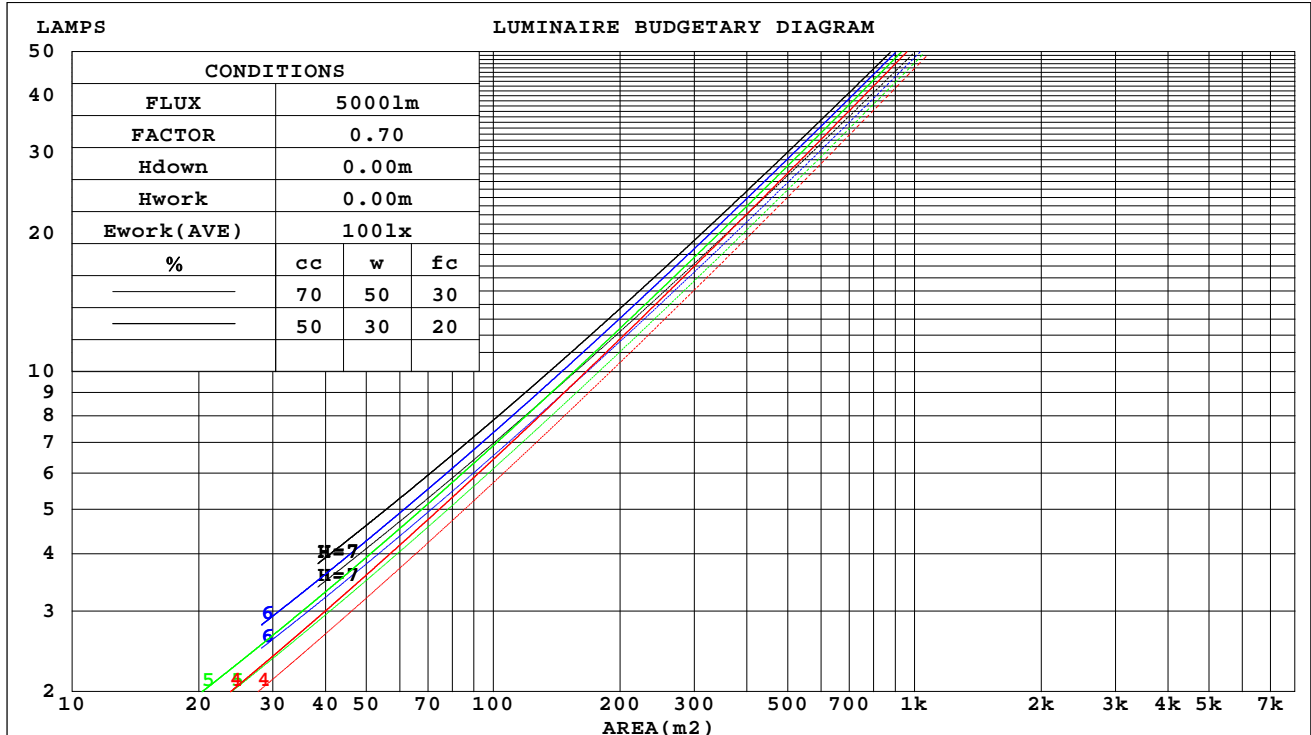
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-27

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-1103C 50R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.511-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312271381
MFR.: RISE	SUR.: 0.001589625m2	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	.66	.66	.66	.64	.64	.64	.61	.61	.61	.59	.59	.59	.56	.56	.56	.55	
1.0	.61	.60	.58	.60	.59	.57	.58	.57	.56	.56	.55	.54	.54	.53	.52	.51	
2.0	.57	.54	.53	.56	.54	.52	.54	.52	.51	.52	.51	.50	.51	.50	.49	.48	
3.0	.53	.50	.48	.52	.50	.47	.51	.49	.47	.49	.48	.46	.48	.47	.45	.44	
4.0	.49	.46	.44	.49	.46	.44	.48	.45	.43	.47	.44	.43	.46	.44	.42	.41	
5.0	.46	.43	.41	.46	.43	.41	.45	.42	.40	.44	.42	.40	.43	.41	.40	.39	
6.0	.44	.40	.38	.43	.40	.38	.42	.40	.38	.42	.39	.37	.41	.39	.37	.36	
7.0	.41	.38	.36	.41	.38	.36	.40	.37	.35	.40	.37	.35	.39	.37	.35	.34	
8.0	.39	.36	.34	.39	.36	.33	.38	.35	.33	.38	.35	.33	.37	.35	.33	.32	
9.0	.37	.34	.32	.37	.34	.32	.36	.33	.32	.36	.33	.31	.35	.33	.31	.31	
10.0	.35	.32	.30	.35	.32	.30	.35	.32	.30	.34	.32	.30	.34	.31	.30	.29	



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-27

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-1103C 50R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

WEC AND CCEC

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.511-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312271381
MFR.: RISE	SUR.: 0.001589625m2	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	.102	.058	.018	.098	.056	.018	.091	.052	.017	.085	.049	.016	.079	.046	.015	
2.0	.097	.053	.016	.094	.052	.016	.088	.049	.015	.083	.046	.015	.078	.044	.014	
3.0	.092	.049	.015	.089	.048	.014	.084	.046	.014	.079	.044	.013	.075	.042	.013	
4.0	.087	.045	.013	.084	.044	.013	.080	.042	.013	.076	.041	.012	.072	.039	.012	
5.0	.082	.042	.012	.080	.041	.012	.076	.040	.012	.073	.038	.011	.070	.037	.011	
6.0	.078	.039	.011	.076	.039	.011	.073	.037	.011	.070	.036	.011	.067	.035	.010	
7.0	.074	.037	.010	.073	.036	.010	.070	.035	.010	.067	.034	.010	.064	.033	.010	
8.0	.071	.035	.010	.069	.034	.010	.067	.033	.010	.064	.033	.009	.062	.032	.009	
9.0	.068	.033	.009	.066	.032	.009	.064	.032	.009	.062	.031	.009	.060	.030	.009	
10.0	.065	.031	.009	.064	.031	.009	.061	.030	.008	.059	.030	.008	.058	.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	.105	.105	.105	.090	.090	.090	.061	.061	.061	.035	.035	.035	.011	.011	.011		
1.0	.095	.087	.080	.081	.075	.069	.056	.051	.048	.032	.030	.028	.010	.010	.009		
2.0	.087	.073	.062	.074	.063	.054	.051	.044	.037	.029	.025	.022	.009	.008	.007		
3.0	.080	.063	.049	.069	.054	.043	.047	.038	.030	.027	.022	.018	.009	.007	.006		
4.0	.074	.055	.040	.064	.047	.035	.044	.033	.024	.025	.019	.014	.008	.006	.005		
5.0	.069	.048	.033	.060	.042	.029	.041	.029	.020	.024	.017	.012	.008	.006	.004		
6.0	.065	.043	.027	.056	.037	.024	.039	.026	.017	.022	.015	.010	.007	.005	.003		
7.0	.061	.039	.023	.053	.034	.020	.036	.024	.014	.021	.014	.009	.007	.005	.003		
8.0	.058	.036	.020	.050	.031	.017	.035	.022	.012	.020	.013	.007	.007	.004	.002		
9.0	.055	.033	.017	.048	.028	.015	.033	.020	.011	.019	.012	.006	.006	.004	.002		
10.0	.053	.030	.015	.045	.026	.013	.031	.018	.009	.018	.011	.006	.006	.004	.002		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-27

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-1103C 50R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm										
NAME: 2218.511-LEA-09B-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312271381		
MFR.: RISE					SUR.: 0.001589625m2			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	20.1	21.1	20.3	21.2	21.4	20.0	21.0	20.3	21.2	21.3
3H	20.6	21.5	20.8	21.7	21.9	20.5	21.4	20.8	21.6	21.8
4H	20.9	21.7	21.1	21.9	22.1	20.7	21.6	21.0	21.8	22.0
6H	21.0	21.8	21.3	22.1	22.3	20.8	21.6	21.1	21.9	22.1
8H	21.1	21.8	21.4	22.1	22.3	20.9	21.6	21.2	21.9	22.1
12H	21.0	21.8	21.4	22.0	22.3	20.8	21.6	21.2	21.8	22.1
4H 2H	20.2	21.0	20.4	21.2	21.4	20.1	20.9	20.4	21.1	21.4
3H	20.8	21.6	21.2	21.8	22.1	20.8	21.5	21.1	21.8	22.1
4H	21.2	21.9	21.6	22.2	22.5	21.1	21.8	21.5	22.1	22.4
6H	21.5	22.1	21.9	22.4	22.8	21.3	21.9	21.7	22.2	22.6
8H	21.6	22.1	22.0	22.5	22.8	21.4	21.9	21.8	22.3	22.6
12H	21.6	22.1	22.0	22.4	22.8	21.4	21.9	21.8	22.2	22.6
8H 4H	21.3	21.9	21.7	22.2	22.6	21.2	21.8	21.6	22.1	22.5
6H	21.7	22.2	22.1	22.6	23.0	21.5	22.0	22.0	22.4	22.8
8H	21.8	22.2	22.3	22.6	23.1	21.6	22.0	22.1	22.4	22.9
12H	21.8	22.2	22.3	22.6	23.1	21.6	22.0	22.1	22.4	22.9
12H 4H	21.3	21.8	21.7	22.2	22.6	21.2	21.7	21.6	22.1	22.5
6H	21.7	22.1	22.2	22.5	23.0	21.5	21.9	22.0	22.4	22.8
8H	21.8	22.2	22.3	22.6	23.1	21.6	22.0	22.1	22.4	22.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.3 / - 1.5					+ 1.4 / - 1.5				
1.5H	+ 2.6 / - 1.5					+ 2.6 / - 1.4				
2.0H	+ 2.0 / - 0.8					+ 1.9 / - 0.8				

CIE Pub.117, 889.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
Area: 0.00158963 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-27

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-1103C 50R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.511-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312271381
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

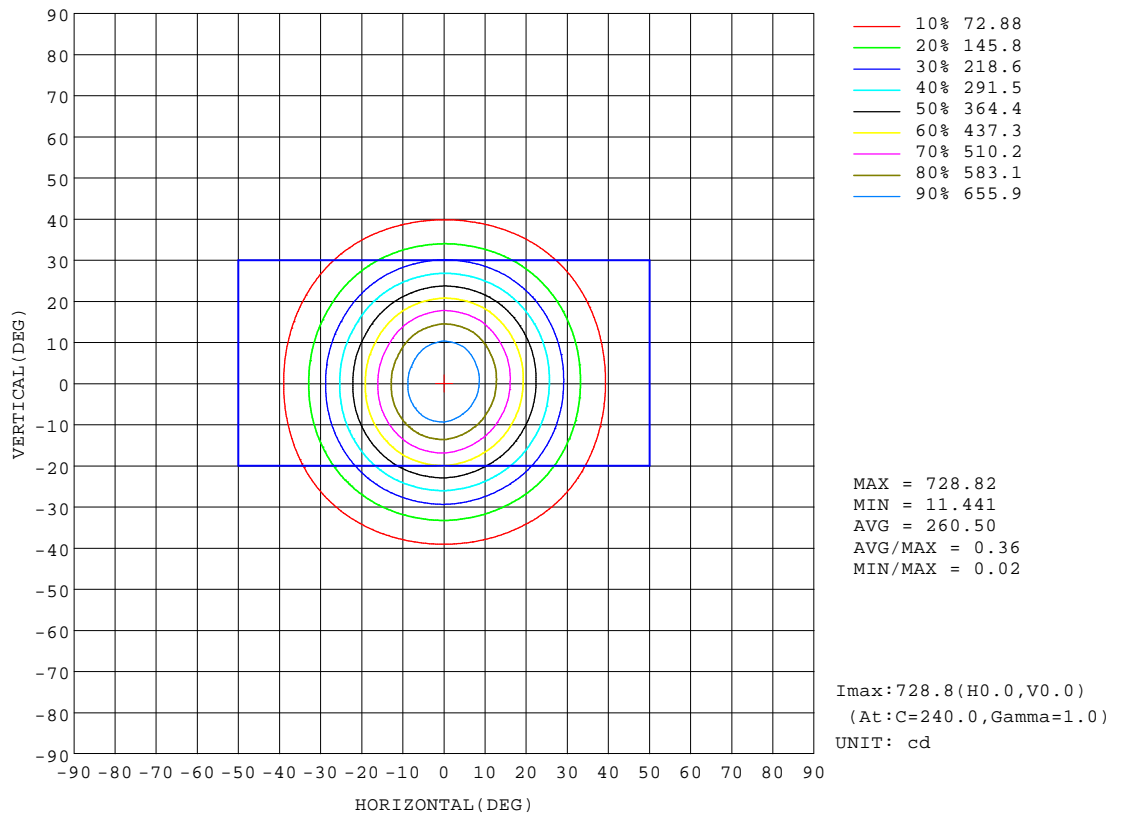
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	43	41	46	43	41	46	43	41	38
0.80	51	47	45	51	47	45	50	47	45	43
1.00	54	50	48	53	50	48	52	50	48	45
1.25	56	53	51	55	53	51	54	52	50	48
1.50	58	55	53	57	54	52	56	54	52	49
2.00	59	57	55	59	56	54	57	55	54	51
2.50	60	58	56	59	57	56	58	56	55	51
3.00	61	59	58	60	59	57	58	57	56	52
4.00	63	61	60	61	60	59	59	58	57	53
5.00	63	62	61	62	61	60	60	59	58	54
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:2023-12-27

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-1103C 50R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.511-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312271381
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

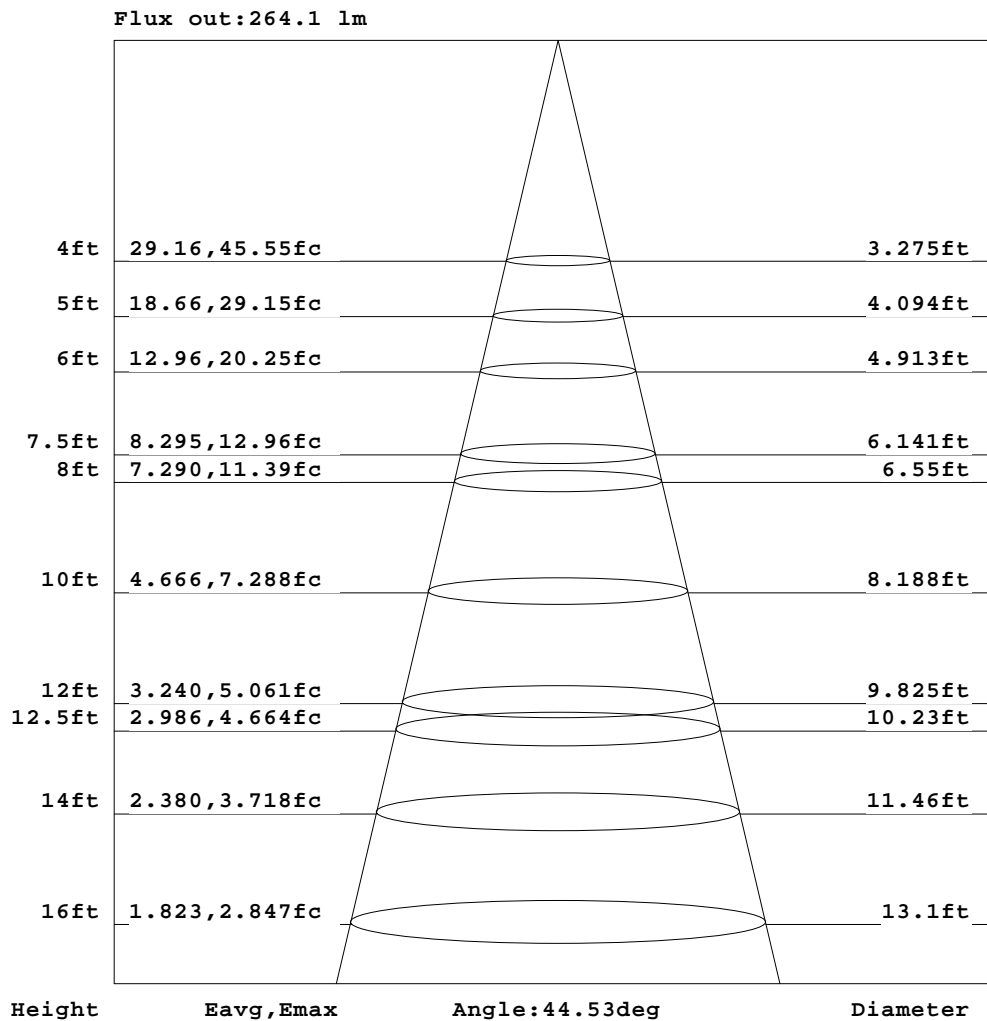


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-27

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-1103C 50R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

AAI Figure

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.511-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312271381
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:



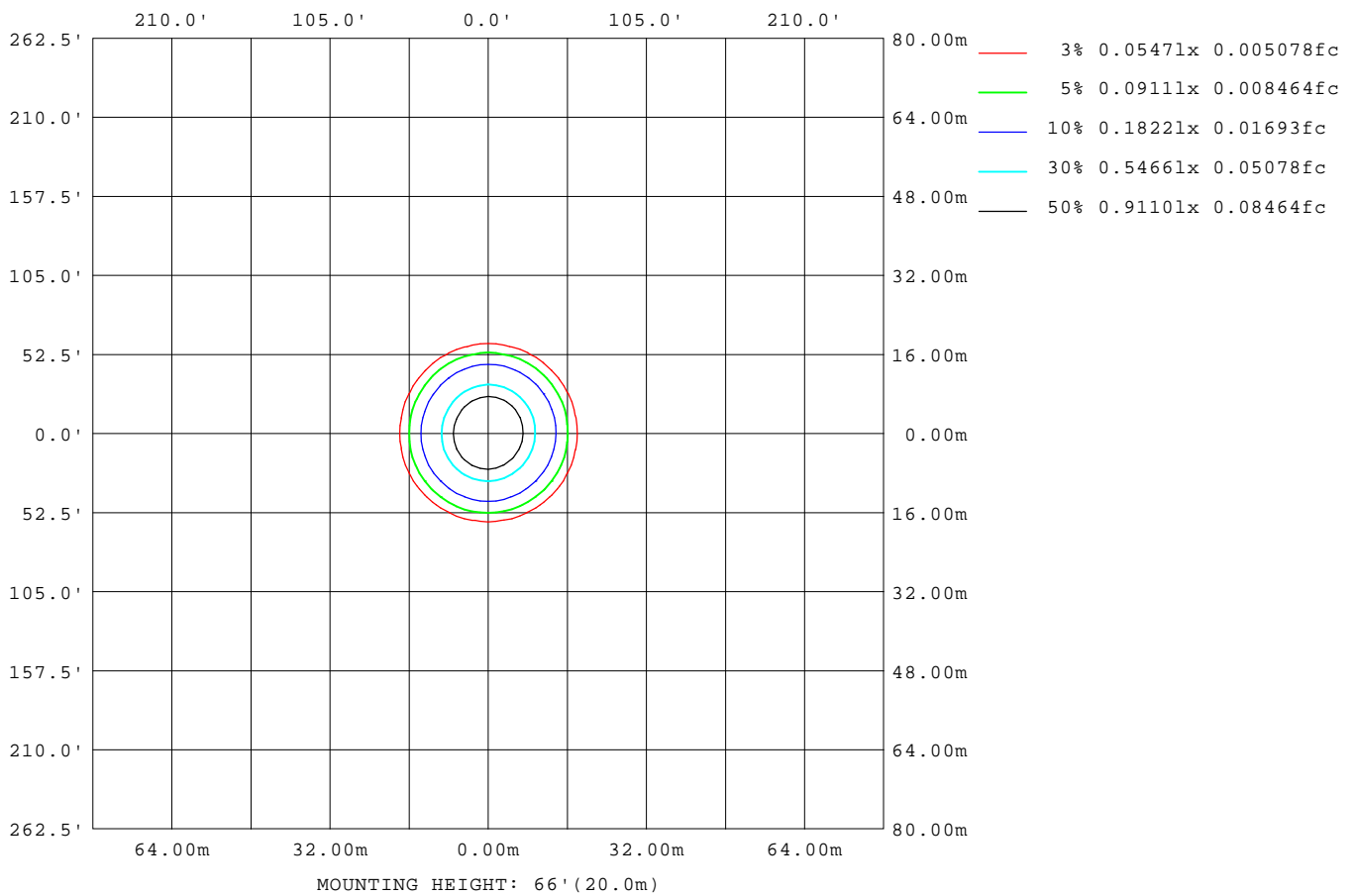
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2023-12-27

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-1103C 50R+DIFFUSER
DRIVER: PUP10A-1WMC-700 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.511-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312271381
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:zoe
Test Date:2023-12-27

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-1103C 50R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

LED Avg.L Report

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.511-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312271381
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

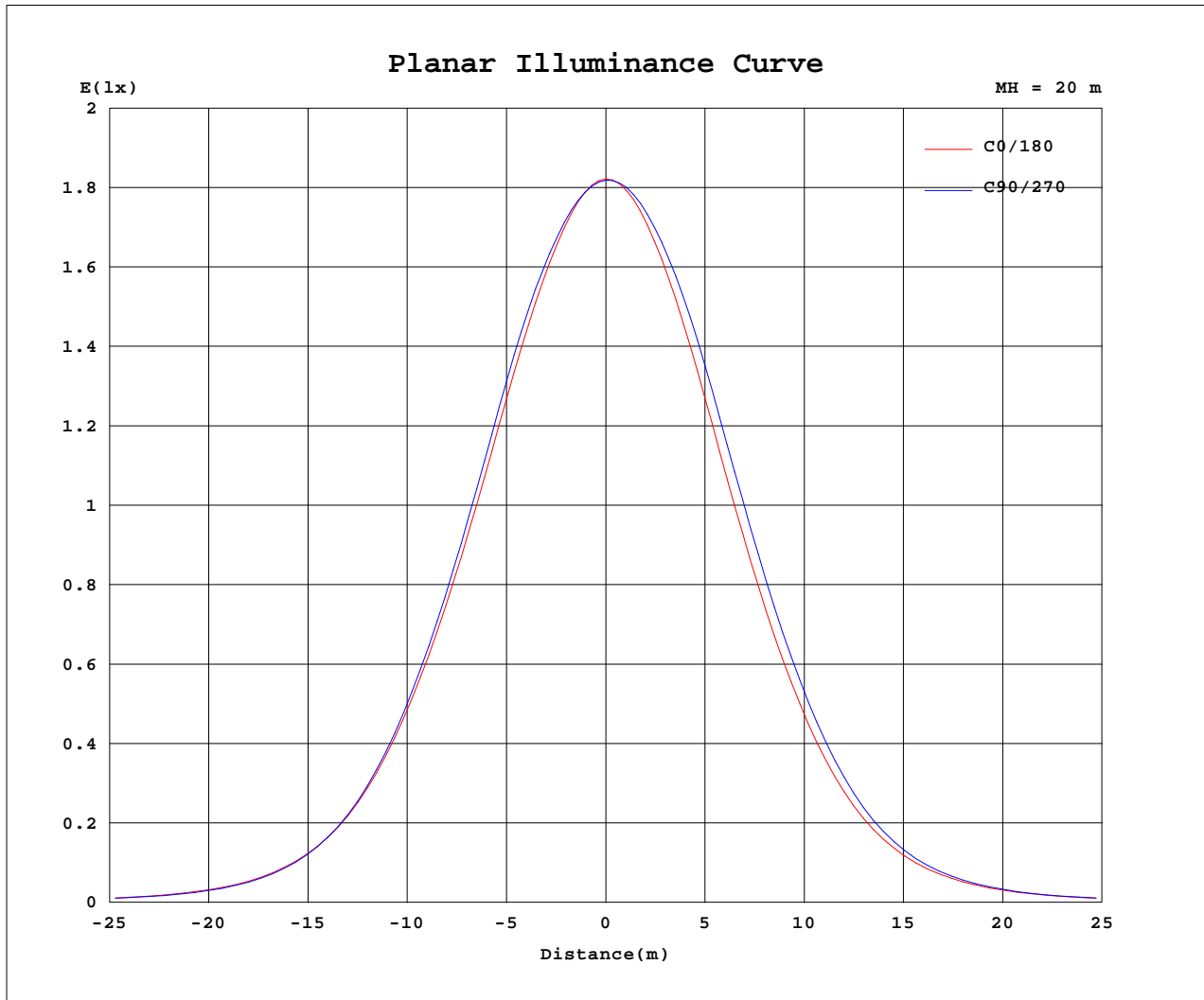
AvgL	cd/m2
L_0~180(65)av	12745
L_0~180(75)av	11766
L_0~180(85)av	3109
L_90~270(65)av	12951
L_90~270(75)av	10930
L_90~270(85)av	2923
L_45(65)av	12869
L_45(75)av	11942
L_45(85)av	3019

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-27

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-1103C 50R+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: 2023-12-27

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-1103C 50R+DIFFUSER
 DRIVER: PUP10A-1WMC-700 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.22V I:0.0951A P:11.299W PF:0.9870 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.511-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312271381
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

Table--1

UNIT: cd

C(DEC) (DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
0	728	728	728	728	728	728	728	728	728	728	728	728						
5	701	700	701	705	707	706	703	705	711	713	711	704						
10	632	631	637	648	649	642	635	638	653	661	657	643						
15	534	532	540	554	555	544	534	539	560	573	569	549						
20	419	416	422	437	437	425	416	421	442	456	454	434						
25	305	301	305	316	315	306	299	303	321	334	331	317						
30	201	198	198	207	205	199	195	198	212	221	219	209						
35	120	117	116	120	119	117	116	117	125	130	129	124						
40	66.9	65.5	64.1	65.0	64.9	65.0	64.7	65.4	69.2	71.0	70.6	68.6						
45	36.8	36.2	34.9	34.8	34.6	35.4	35.6	35.8	37.4	38.0	38.0	37.3						
50	20.7	20.4	19.6	19.6	19.2	19.7	19.7	19.6	20.5	20.8	20.9	20.7						
55	13.1	13.0	12.8	12.7	12.6	12.5	12.3	12.4	12.7	13.0	13.0	13.1						
60	10.0	10.1	10.1	10.1	10.0	9.86	9.60	9.56	9.72	9.88	9.95	9.97						
65	8.72	8.80	8.87	8.88	8.82	8.65	8.41	8.32	8.41	8.52	8.63	8.67						
70	7.14	7.21	7.20	7.13	7.07	6.91	6.71	6.63	6.76	6.91	7.05	7.09						
75	5.12	5.19	5.15	4.24	4.98	4.79	4.56	4.47	4.59	4.75	4.91	5.01						
80	2.82	2.88	2.82	2.46	2.63	2.48	2.30	2.21	2.32	2.43	2.59	2.70						
85	0.60	0.64	0.56	0.49	0.43	0.34	0.26	0.22	0.26	0.32	0.41	0.49						
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:2023-12-27

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-1103C 50R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up