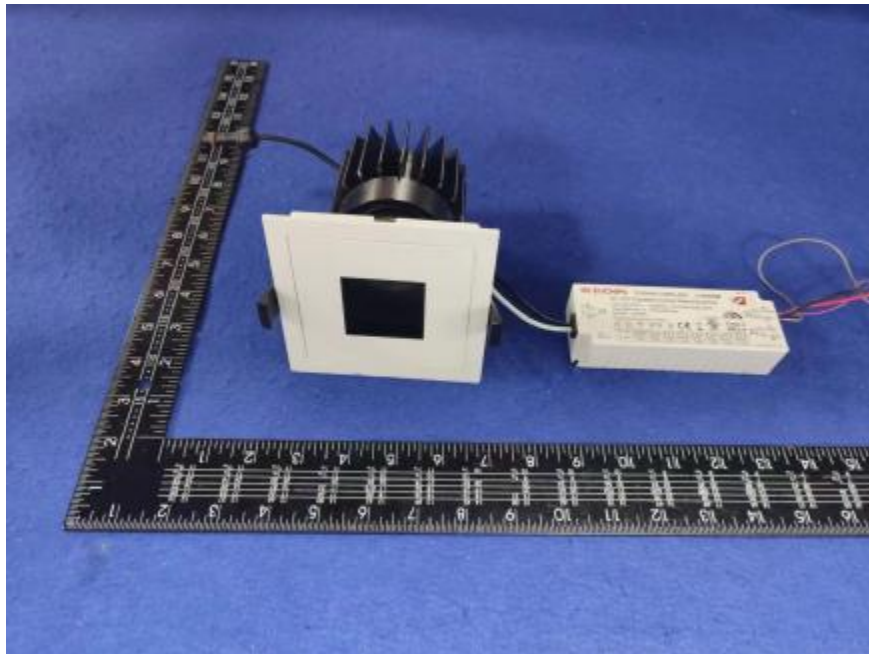


Luminaire Photograph



Light Output Ratio:	60.9%	
Luminaire Power:	23.66 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.85	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-30

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-30G2000-C-83 Ra:90
LENS: PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

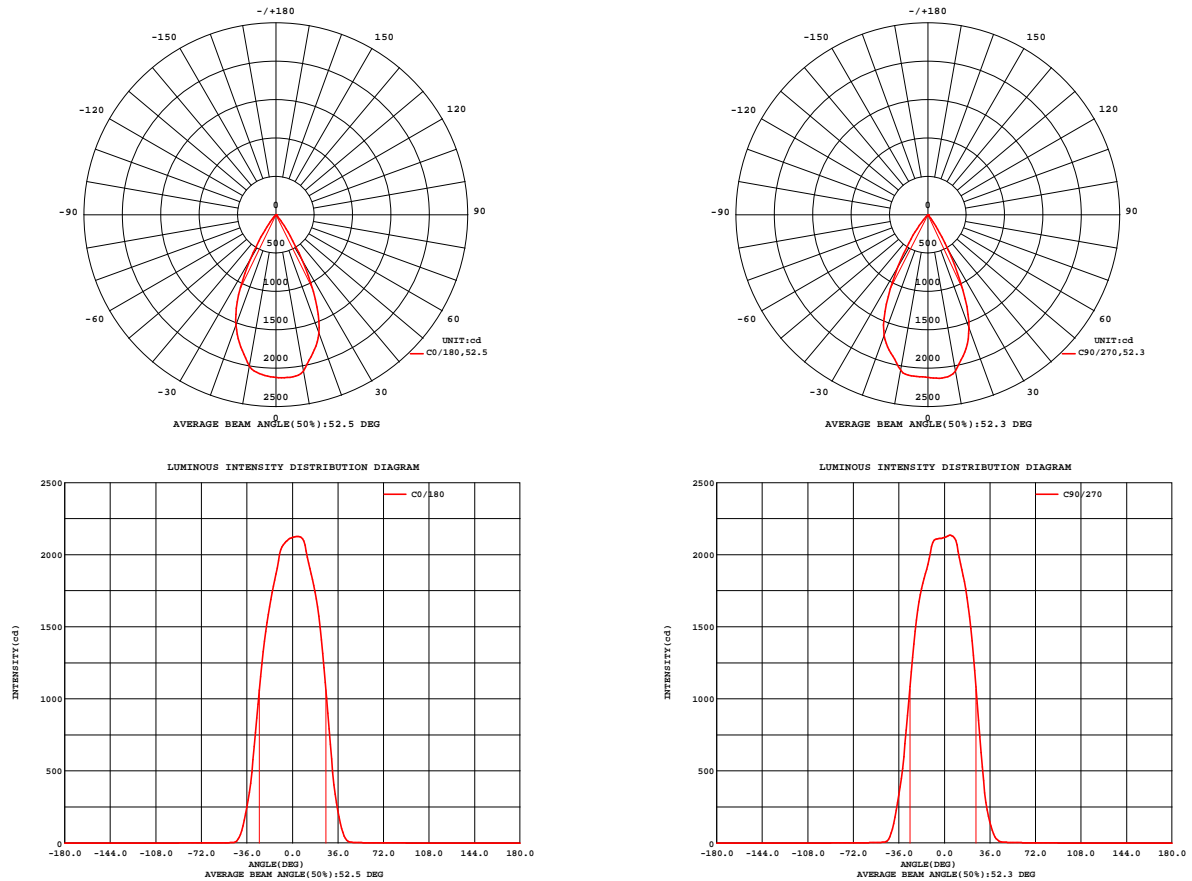


Fig. C0/C180

Fig. C90/C270

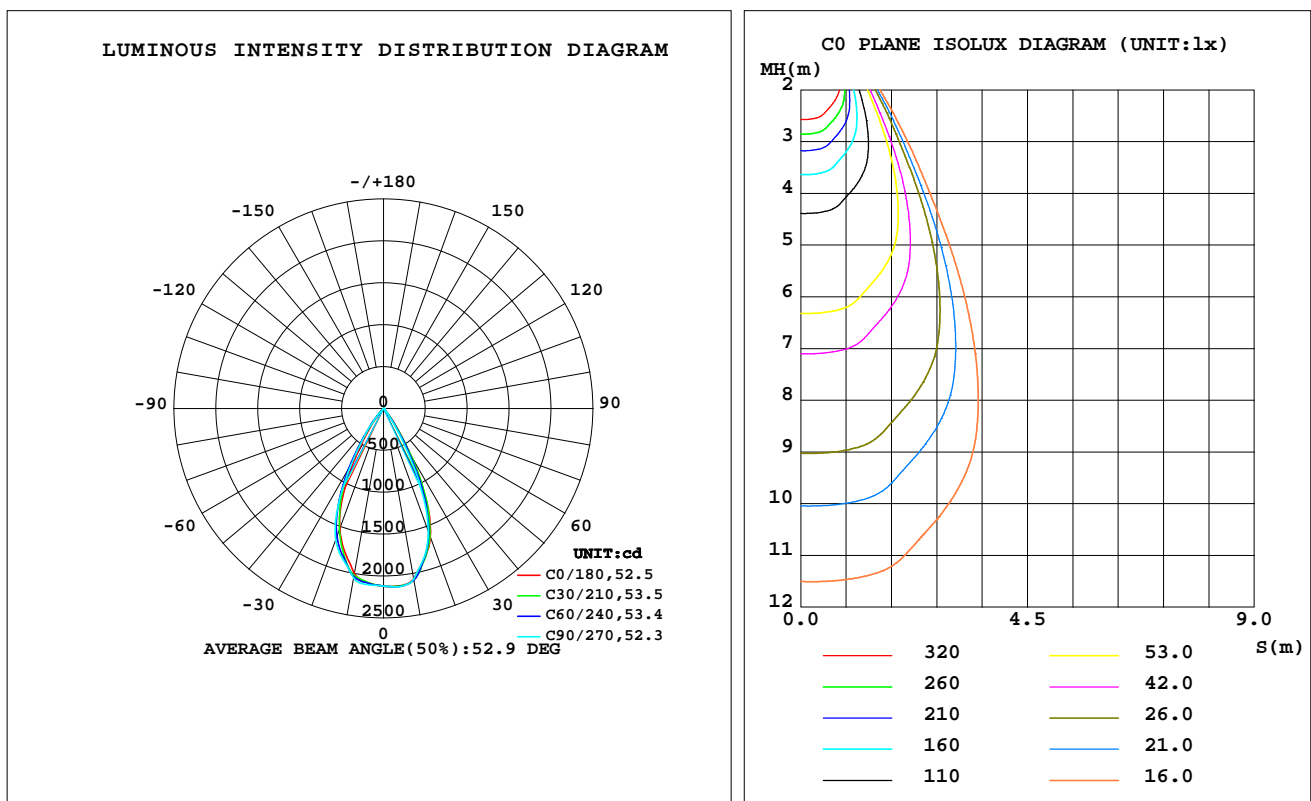
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-30

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-30G2000-C-83 Ra: 90
LENS: PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.154-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310301289
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.07 lm/W			
MODEL	Bridgelux	I _{max} (cd)	2135	S/MH(C0/180)	0.78
NOMINAL POWER(W)	24	LOR(%)	60.9	S/MH(C90/270)	0.81
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1491.9	UP,DN(C0-180)	0.0,29.0
NOMINAL FLUX(lm)	2450	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,31.9
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	down(%)	60.9	CIBSE SHR MAX	0.85



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-30

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-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	2066	2081	2067	2077	2002	2032	2055	2096	0- 10	200.6	200.6	13.4,8.19
20	1638	1599	1568	1558	1528	1585	1673	1691	10- 20	519.0	719.6	48.2,29.4
30	685.2	664.3	526.2	651.6	669.9	823.7	783.6	845.0	20- 30	539.8	1259	84.4,51.4
40	74.42	65.60	43.95	73.66	85.57	144.2	134.2	132.2	30- 40	207.6	1467	98.3,59.9
50	3.127	3.829	4.314	3.480	2.178	3.232	3.851	4.175	40- 50	21.17	1488	99.7,60.7
60	1.756	1.735	2.397	1.387	1.269	1.160	2.141	1.714	50- 60	2.050	1490	99.9,60.8
70	0.8640	0.8219	1.035	0.5678	0.5600	0.4840	0.8388	0.7733	60- 70	1.131	1491	100,60.9
80	0.3705	0.2926	0.3504	0.2237	0.3395	0.2080	0.2679	0.2669	70- 80	0.4960	1492	100,60.9
90	0	0	0	0	0	0	0	0	80- 90	0.1300	1492	100,60.9
100	0	0	0	0	0	0	0	0	90-100	0	1492	100,60.9
110	0	0	0	0	0	0	0	0	100-110	0	1492	100,60.9
120	0	0	0	0	0	0	0	0	110-120	0	1492	100,60.9
130	0	0	0	0	0	0	0	0	120-130	0	1492	100,60.9
140	0	0	0	0	0	0	0	0	130-140	0	1492	100,60.9
150	0	0	0	0	0	0	0	0	140-150	0	1492	100,60.9
160	0	0	0	0	0	0	0	0	150-160	0	1492	100,60.9
170	0	0	0	0	0	0	0	0	160-170	0	1492	100,60.9
180	0	0	0	0	0	0	0	0	170-180	0	1492	100,60.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-30

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-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz
Lamp Flux:2450x1 lm

NAME: 2318.154-ACOT-84-AM

TYPE:

WEIGHT:

SPEC.: 3000K

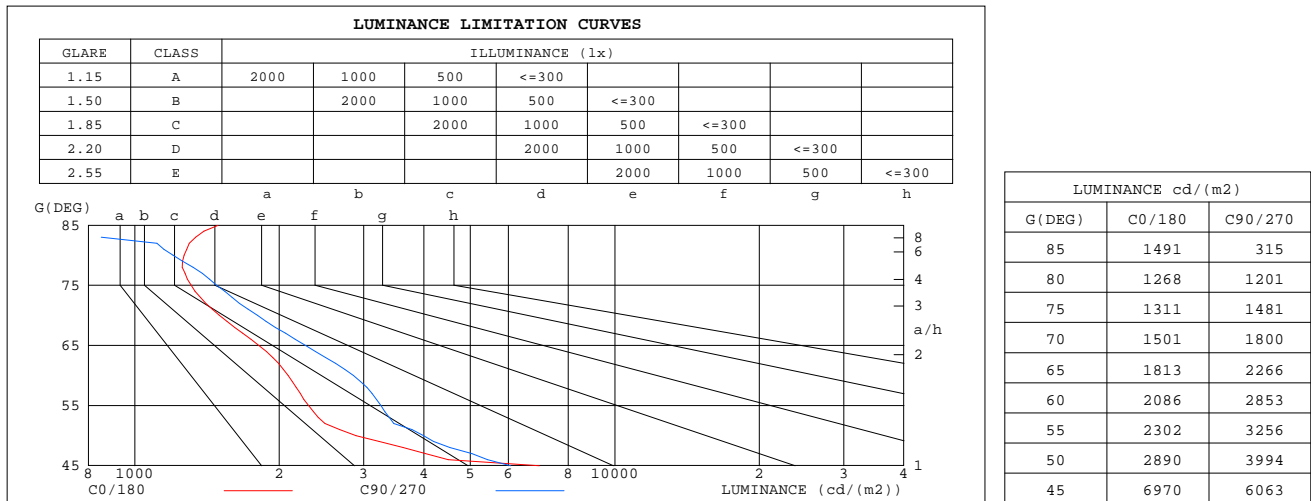
DIM.:

SERIAL No.: 2310301289

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:2023-10-30

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-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz
Lamp Flux:2450x1 lm

NAME: 2318.154-ACOT-84-AM

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

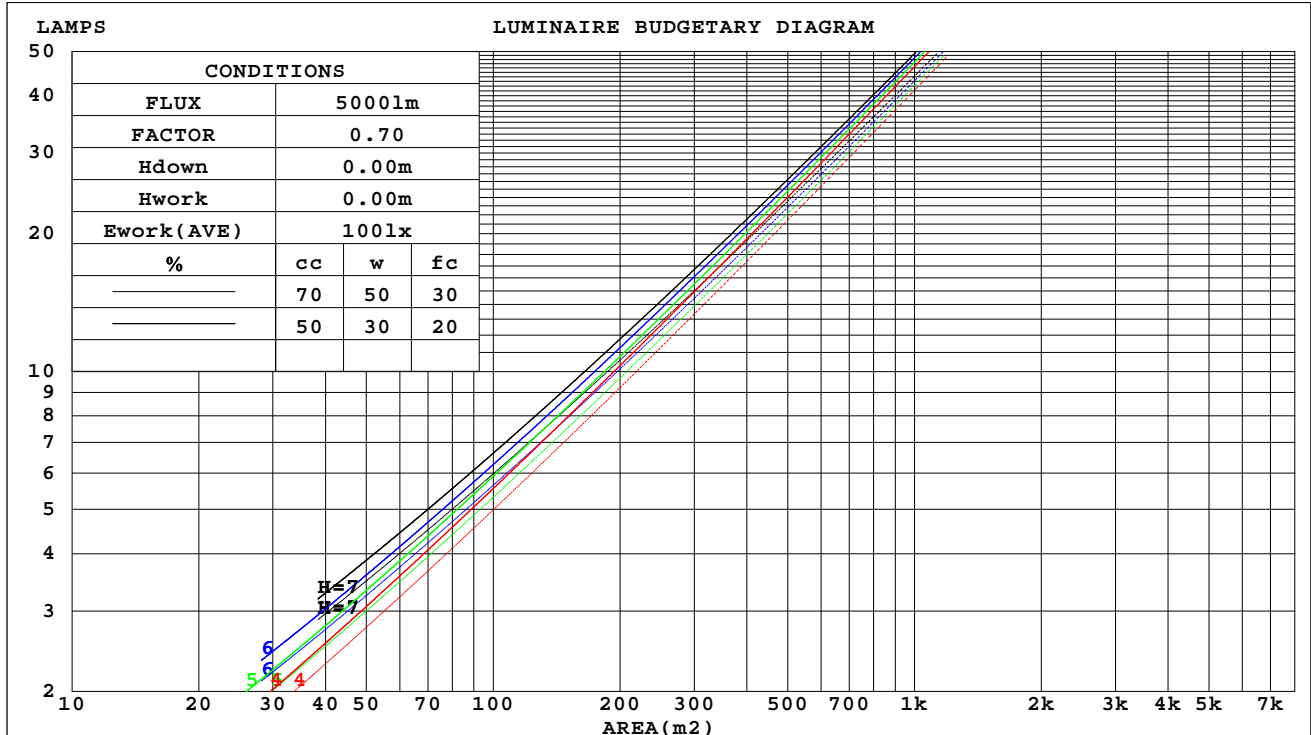
SERIAL No.: 2310301289

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:2023-10-30

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-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

WEC AND CCEC

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.154-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310301289
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	.100	.057	.018	.096	.055	.017	.088	.050	.016	.081	.047	.015	.075	.043	.014	
2.0	.095	.052	.016	.091	.050	.015	.085	.047	.015	.079	.044	.014	.074	.042	.013	
3.0	.090	.048	.014	.087	.047	.014	.082	.044	.013	.077	.042	.013	.072	.040	.012	
4.0	.085	.044	.013	.083	.043	.013	.078	.042	.012	.074	.040	.012	.070	.038	.012	
5.0	.081	.042	.012	.079	.041	.012	.075	.039	.012	.072	.038	.011	.068	.036	.011	
6.0	.078	.039	.011	.076	.038	.011	.072	.037	.011	.069	.036	.011	.066	.035	.010	
7.0	.075	.037	.010	.073	.036	.010	.070	.035	.010	.067	.034	.010	.064	.033	.010	
8.0	.071	.035	.010	.070	.034	.010	.067	.034	.010	.065	.033	.009	.062	.032	.009	
9.0	.069	.033	.009	.067	.033	.009	.065	.032	.009	.063	.031	.009	.060	.031	.009	
10.0	.066	.032	.009	.065	.031	.009	.063	.031	.009	.061	.030	.009	.059	.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	.116	.116	.116	.099	.099	.099	.068	.068	.068	.039	.039	.039	.012	.012	.012	
1.0	.104	.096	.089	.089	.082	.076	.061	.057	.053	.035	.033	.031	.011	.011	.010	
2.0	.094	.081	.070	.080	.069	.060	.055	.048	.042	.032	.028	.025	.010	.009	.008	
3.0	.086	.069	.056	.074	.060	.048	.050	.041	.034	.029	.024	.020	.009	.008	.007	
4.0	.079	.060	.045	.068	.052	.039	.047	.036	.028	.027	.021	.016	.009	.007	.005	
5.0	.074	.053	.037	.063	.046	.033	.044	.032	.023	.025	.019	.014	.008	.006	.005	
6.0	.069	.047	.031	.059	.041	.027	.041	.029	.019	.024	.017	.011	.008	.005	.004	
7.0	.065	.042	.027	.056	.037	.023	.039	.026	.016	.022	.015	.010	.007	.005	.003	
8.0	.061	.038	.023	.053	.033	.020	.037	.023	.014	.021	.014	.008	.007	.005	.003	
9.0	.058	.035	.020	.050	.031	.017	.035	.022	.012	.020	.013	.007	.007	.004	.002	
10.0	.056	.033	.017	.048	.028	.015	.033	.020	.011	.019	.012	.006	.006	.004	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-30

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-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz Lamp Flux:2450x1 lm										
NAME: 2318.154-ACOT-84-AM					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310301289		
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	16.6	17.5	16.8	17.6	17.8	14.8	15.7	15.0	15.8	16.0
3H	16.4	17.2	16.7	17.4	17.6	14.7	15.4	14.9	15.6	15.8
4H	16.4	17.1	16.6	17.3	17.5	14.6	15.3	14.9	15.5	15.8
6H	16.3	17.0	16.6	17.2	17.4	14.5	15.2	14.8	15.4	15.7
8H	16.2	16.9	16.5	17.1	17.4	14.5	15.1	14.8	15.4	15.6
12H	16.2	16.8	16.5	17.1	17.4	14.4	15.1	14.7	15.3	15.6
4H 2H	16.4	17.1	16.6	17.3	17.5	14.6	15.3	14.8	15.5	15.8
3H	16.2	16.8	16.5	17.1	17.4	14.4	15.0	14.7	15.3	15.6
4H	16.1	16.7	16.4	17.0	17.3	14.3	14.9	14.7	15.2	15.5
6H	16.0	16.5	16.4	16.8	17.2	14.2	14.7	14.6	15.1	15.4
8H	15.9	16.4	16.3	16.8	17.1	14.2	14.6	14.6	15.0	15.4
12H	15.9	16.3	16.3	16.7	17.1	14.1	14.6	14.5	14.9	15.3
8H 4H	15.9	16.4	16.3	16.8	17.1	14.2	14.6	14.6	15.0	15.4
6H	15.8	16.2	16.3	16.6	17.0	14.1	14.5	14.5	14.9	15.3
8H	15.8	16.1	16.2	16.5	17.0	14.0	14.4	14.5	14.8	15.2
12H	15.7	16.0	16.2	16.5	16.9	14.0	14.3	14.4	14.7	15.2
12H 4H	15.9	16.3	16.3	16.7	17.1	14.1	14.6	14.5	14.9	15.3
6H	15.8	16.1	16.2	16.5	17.0	14.0	14.4	14.5	14.8	15.2
8H	15.7	16.0	16.2	16.5	16.9	14.0	14.3	14.4	14.7	15.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.9 / -14.7					+ 4.1 / -11.6				
1.5H	+ 7.7 / -14.1					+ 6.9 / -11.2				
2.0H	+ 3.9 / - 1.6					+ 3.7 / - 1.8				

CIE Pub.117, 2450 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.1)
Area: 0.001681 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-30

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-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.154-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310301289
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

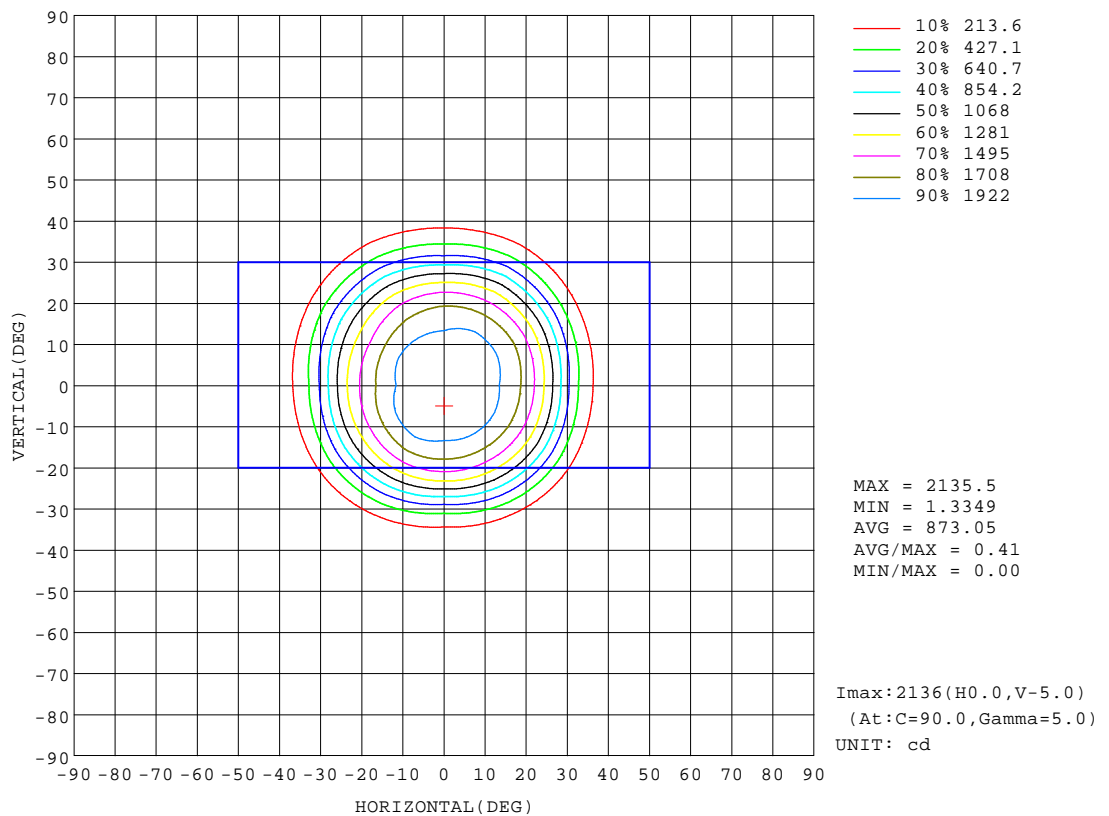
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	52	50	55	52	49	54	51	49	47
0.80	59	56	54	59	56	54	58	56	54	52
1.00	62	59	57	61	58	57	60	58	56	54
1.25	64	61	59	63	61	59	62	60	58	56
1.50	65	63	61	65	62	61	63	62	60	58
2.00	67	64	63	66	64	62	64	63	61	58
2.50	68	66	64	67	65	63	65	63	62	59
3.00	69	67	65	67	66	64	65	64	63	59
4.00	70	68	67	68	67	66	66	65	64	60
5.00	70	69	68	69	68	67	67	66	65	61
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:2023-10-30

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-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.154-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310301289
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

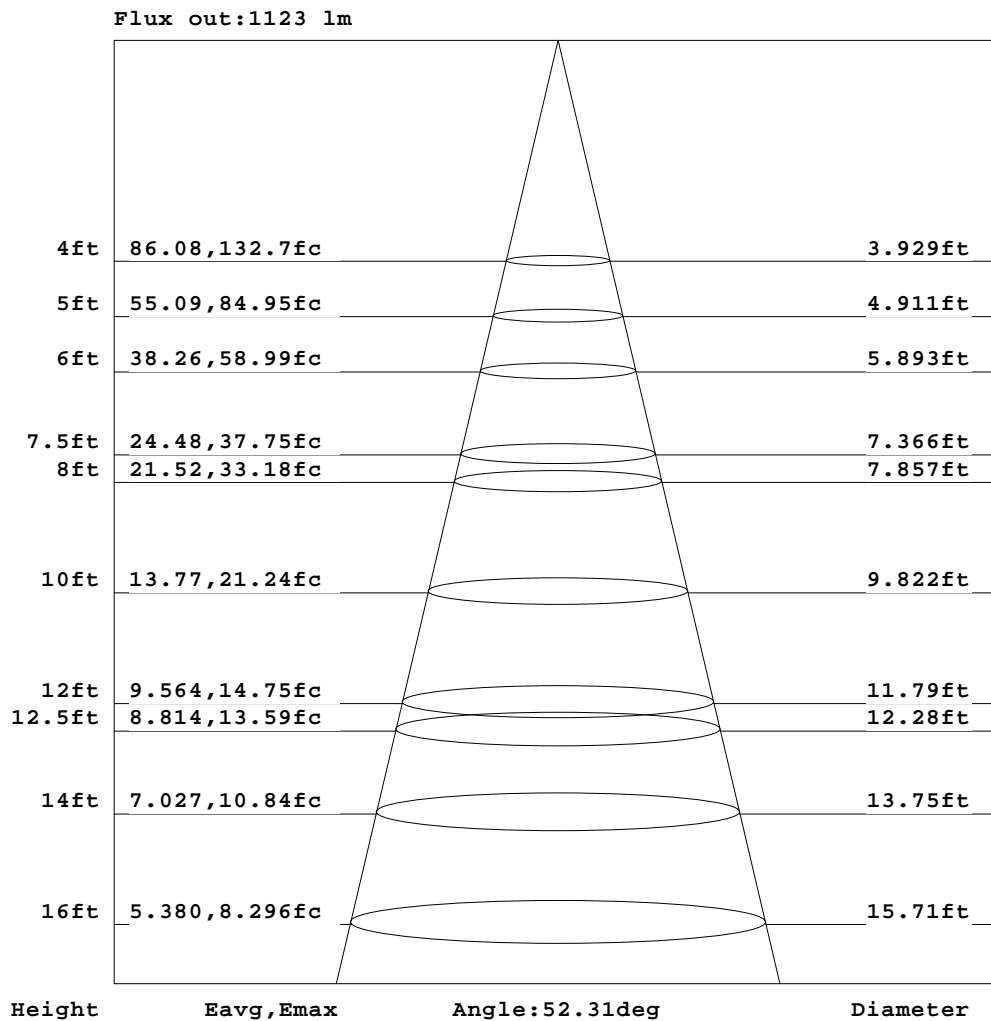


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-30

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
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Remarks: LAMP:BXRE-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

AAI Figure

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.154-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310301289
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



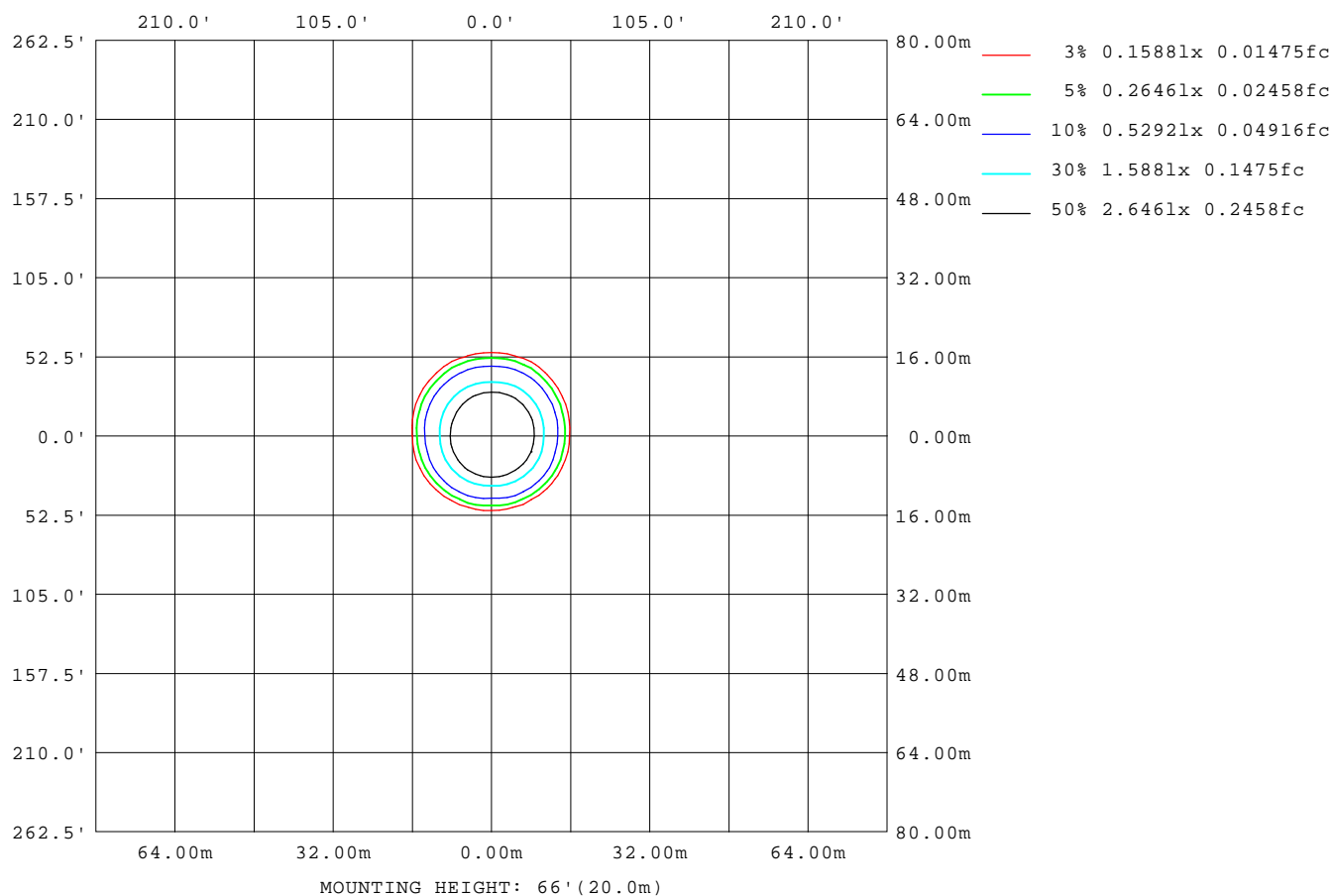
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-30

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-30G2000-C-83 Ra: 90
LENS: PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.154-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310301289
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:zoe
Test Date:2023-10-30

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-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

LED Avg.L Report

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.154-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310301289
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

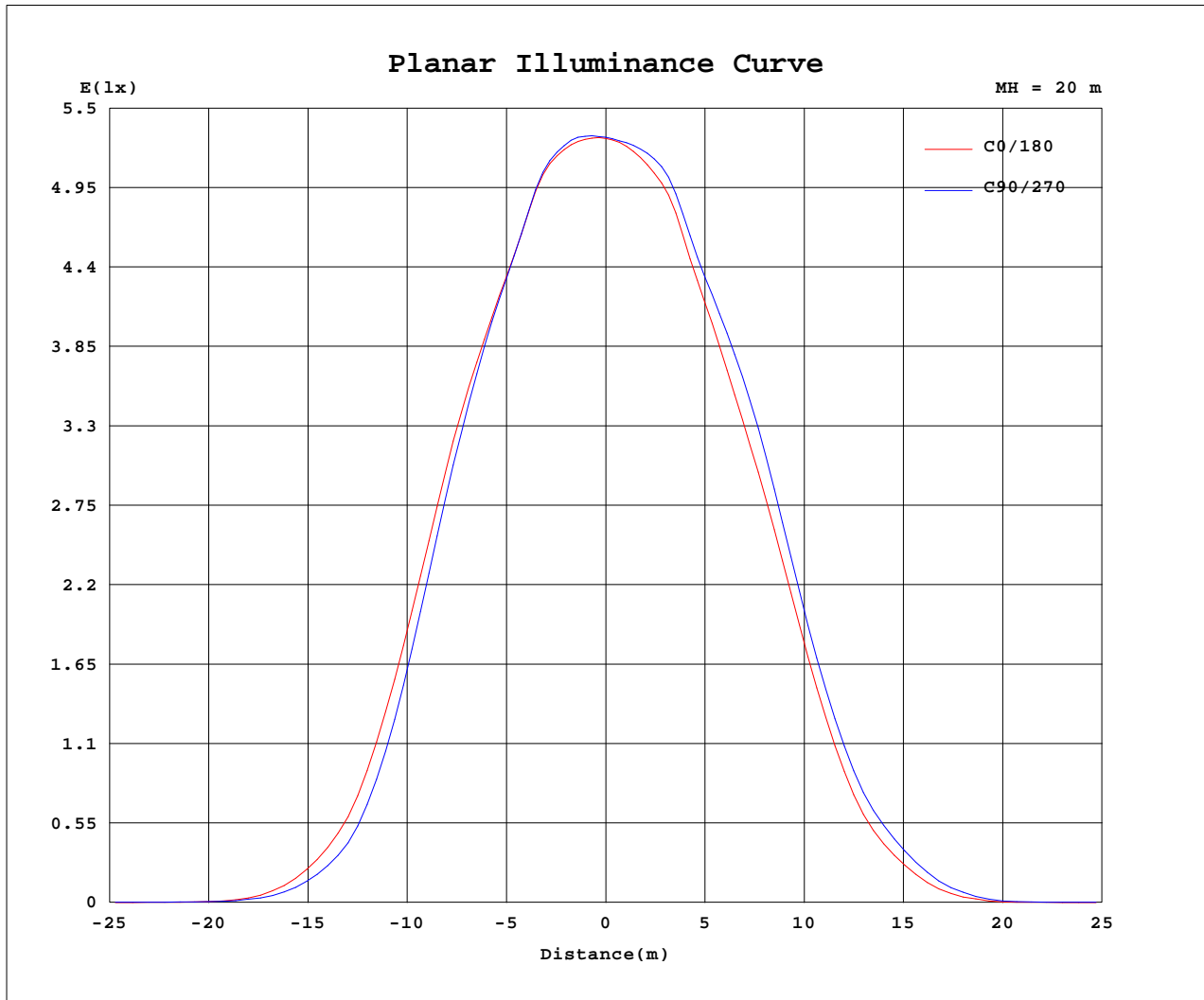
AvgL	cd/m2
L_0~180(65)av	1541
L_0~180(75)av	1182
L_0~180(85)av	1572
L_90~270(65)av	2103
L_90~270(75)av	1316
L_90~270(85)av	452
L_45(65)av	1432
L_45(75)av	918
L_45(85)av	407

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-30

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-30G2000-C-83 Ra:90
LENS:PM-1083C 50R
DRIVER: PUP40A-1WMC-850 600mA
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: 2023-10-30

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-30G2000-C-83 Ra:90
 LENS: PM-1083C 50R
 DRIVER: PUP40A-1WMC-850 600mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.04V I:0.1991A P:23.656W PF:0.9883 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.154-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310301289
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

Table--1

UNIT: cd

C(DEC) (DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2119	2119	2119	2119	2119	2119	2119	2119	2119	2119	2119	2119						
5	2125	2129	2133	2135	2129	2112	2090	2086	2094	2111	2120	2121						
10	2066	2081	2081	2067	2094	2061	2002	2023	2041	2055	2102	2090						
15	1867	1875	1862	1854	1887	1842	1782	1818	1842	1868	1921	1914						
20	1638	1619	1579	1568	1575	1541	1528	1543	1628	1673	1689	1694						
25	1217	1219	1152	1083	1132	1150	1154	1215	1289	1286	1339	1307						
30	685	703	626	526	625	678	670	802	845	784	874	816						
35	279	259	214	186	228	273	298	385	413	390	419	349						
40	74.4	72.3	58.9	44.0	63.6	83.7	85.6	133	155	134	151	113						
45	8.29	14.5	12.7	7.20	13.2	15.0	6.81	27.6	28.8	13.6	32.9	19.1						
50	3.13	3.63	4.03	4.31	3.91	3.05	2.18	3.14	3.33	3.85	4.73	3.62						
55	2.22	2.13	2.44	3.14	2.24	1.56	1.50	1.44	1.70	2.78	2.54	2.06						
60	1.76	1.63	1.84	2.40	1.62	1.16	1.27	1.08	1.24	2.14	1.85	1.58						
65	1.29	1.19	1.30	1.61	1.06	0.81	0.90	0.78	0.83	1.38	1.26	1.16						
70	0.86	0.79	0.85	1.03	0.64	0.49	0.56	0.48	0.49	0.84	0.79	0.76						
75	0.57	0.50	0.54	0.64	0.39	0.32	0.46	0.32	0.30	0.50	0.48	0.48						
80	0.37	0.30	0.29	0.35	0.22	0.23	0.34	0.23	0.18	0.27	0.25	0.29						
85	0.22	0.09	0.04	0.05	0.04	0.09	0.24	0.09	0.07	0.09	0.05	0.08						
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
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