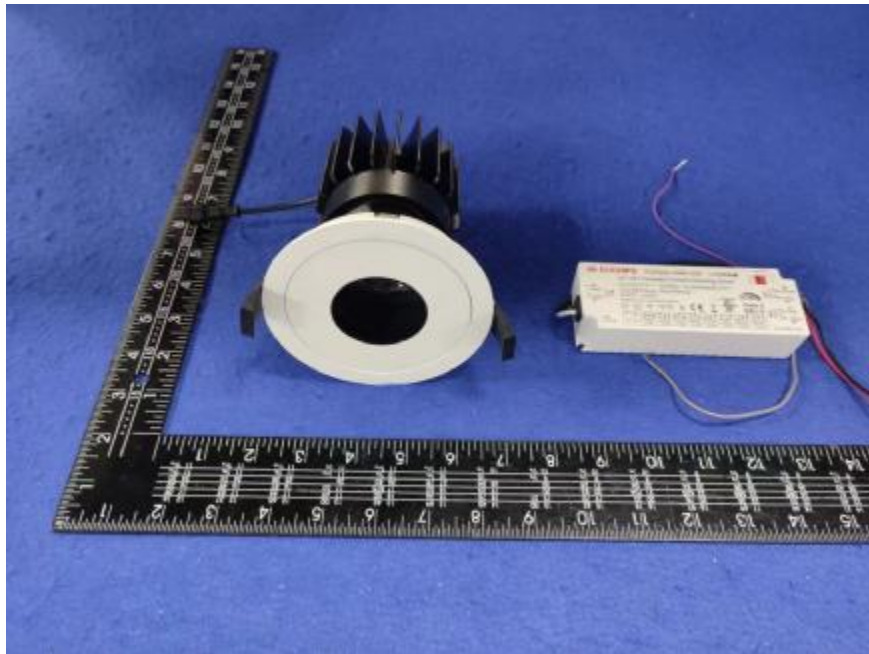


Luminaire Photograph



Light Output Ratio:	61.1%	
Luminaire Power:	23.75 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-20

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-30G2000-C-83 Ra: 90
LENS: PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

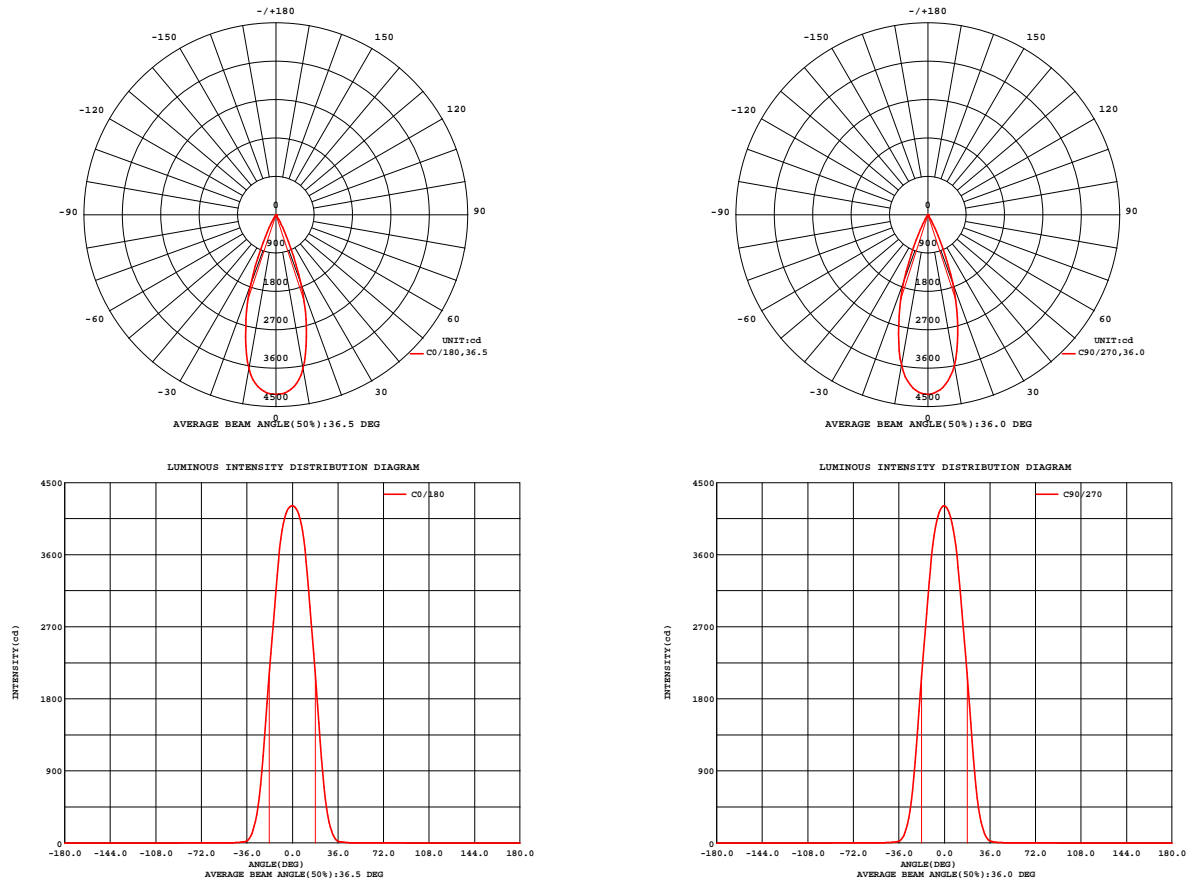


Fig. C0/C180

Fig. C90/C270

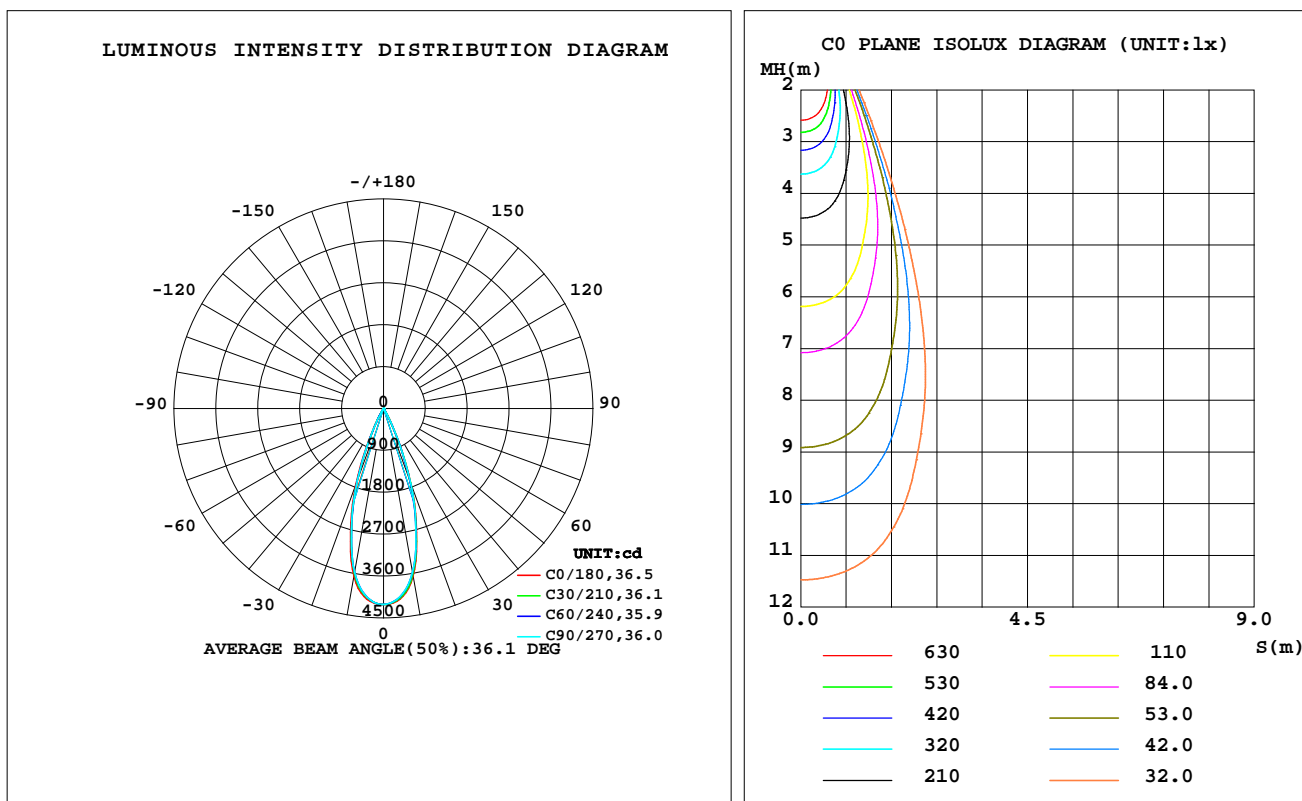
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-20

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-30G2000-C-83 Ra: 90
LENS: PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.138-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310201249
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 63.07 lm/W
MODEL	Bridgelux	I _{max} (cd)	4211	S/MH(C0/180)		0.57
NOMINAL POWER(W)	24	LOR(%)	61.1	S/MH(C90/270)		0.56
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1497.6	η UP,DN(C0-180)		0.0,30.8
NOMINAL FLUX(lm)	2450	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.0,30.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	120	η down(%)	61.1	CIBSE SHR MAX		0.60



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3661	3610	3586	3642	3669	3597	3584	3651	0- 10	376.0	376.0	25.1,15.3
20	1720	1700	1713	1746	1749	1662	1648	1707	10- 20	738.6	1115	74.4,45.5
30	197.1	197.1	206.0	203.9	214.5	183.0	176.4	185.2	20- 30	342.0	1457	97.3,59.4
40	10.08	10.20	11.33	12.24	10.00	9.039	9.933	9.942	30- 40	35.00	1492	99.6,60.9
50	1.193	1.245	2.336	2.736	2.024	1.894	2.503	1.971	40- 50	3.792	1495	99.8,61
60	0.5740	0.6043	1.197	1.431	1.161	1.110	1.366	1.035	50- 60	1.258	1497	99.9,61.1
70	0.1485	0.1635	0.3976	0.5831	0.5457	0.5106	0.5627	0.3619	60- 70	0.7035	1497	100,61.1
80	0.1110	0.0934	0.1138	0.1418	0.1879	0.1561	0.1435	0.0962	70- 80	0.2609	1498	100,61.1
90	0	0	0	0	0	0	0	0	80- 90	0.0625	1498	100,61.1
100	0	0	0	0	0	0	0	0	90-100	0	1498	100,61.1
110	0	0	0	0	0	0	0	0	100-110	0	1498	100,61.1
120	0	0	0	0	0	0	0	0	110-120	0	1498	100,61.1
130	0	0	0	0	0	0	0	0	120-130	0	1498	100,61.1
140	0	0	0	0	0	0	0	0	130-140	0	1498	100,61.1
150	0	0	0	0	0	0	0	0	140-150	0	1498	100,61.1
160	0	0	0	0	0	0	0	0	150-160	0	1498	100,61.1
170	0	0	0	0	0	0	0	0	160-170	0	1498	100,61.1
180	0	0	0	0	0	0	0	0	170-180	0	1498	100,61.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz
Lamp Flux:2450x1 lm

NAME: 2318.138-ACOT-84-AM

TYPE:

WEIGHT:

SPEC.: 3000K

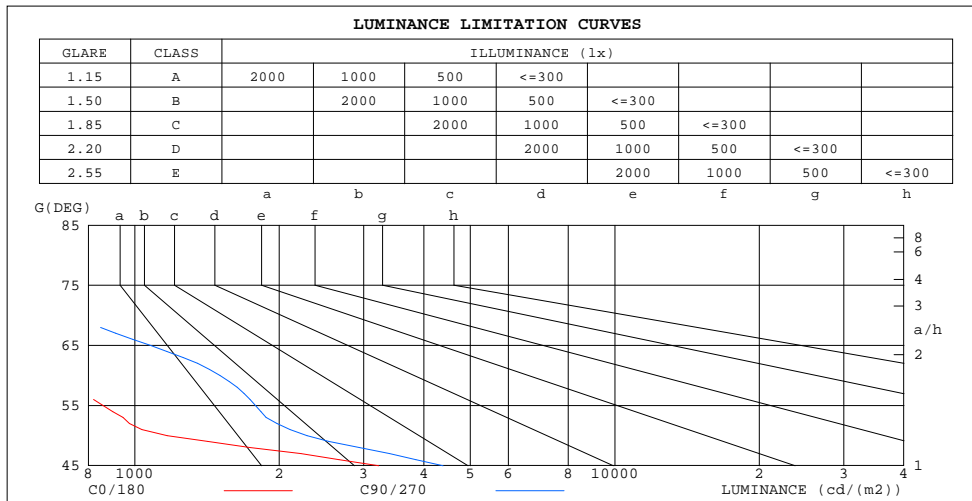
DIM.:

SERIAL No.: 2310201249

MFR.: RISE

SUR.: 0.001589625m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	678	443
80	402	412
75	295	533
70	273	731
65	544	1079
60	722	1505
55	859	1786
50	1168	2286
45	3222	4391

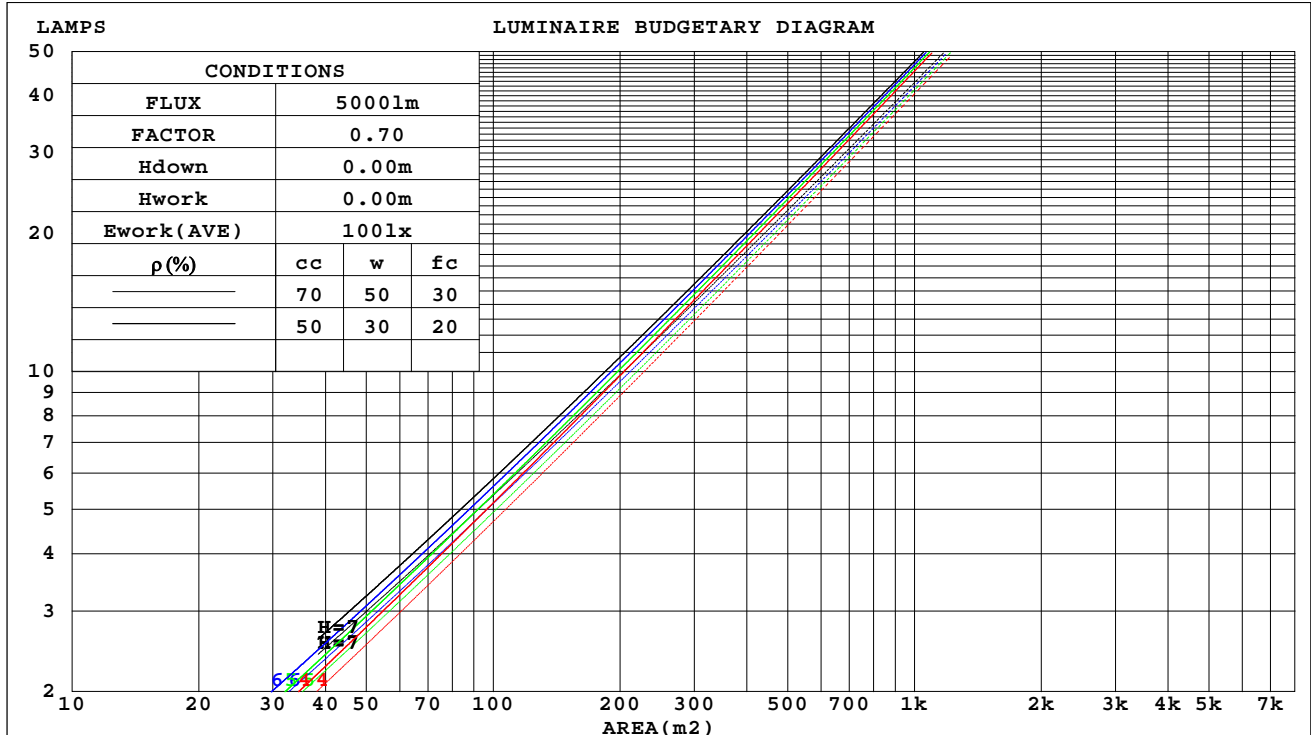
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.138-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310201249
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0														
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
ρ_{fc}	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Coefficients of Utilization(CU)														
0.0	.73	.73	.73	.71	.71	.71	.68	.68	.68	.65	.65	.65	.62	.62	.62	.61														
1.0	.69	.68	.67	.68	.66	.65	.65	.64	.63	.63	.62	.62	.61	.60	.60	.59														
2.0	.65	.64	.62	.64	.63	.61	.62	.61	.60	.61	.60	.59	.59	.58	.57	.57														
3.0	.62	.60	.58	.62	.60	.58	.60	.58	.57	.59	.57	.56	.57	.56	.55	.54														
4.0	.60	.57	.55	.59	.57	.55	.58	.56	.54	.57	.55	.54	.56	.54	.53	.52														
5.0	.57	.55	.53	.57	.54	.52	.56	.54	.52	.55	.53	.52	.54	.52	.51	.50														
6.0	.55	.52	.50	.55	.52	.50	.54	.52	.50	.53	.51	.50	.52	.51	.49	.49														
7.0	.53	.50	.48	.53	.50	.48	.52	.50	.48	.51	.49	.48	.51	.49	.48	.47														
8.0	.51	.48	.47	.51	.48	.47	.50	.48	.46	.50	.48	.46	.49	.47	.46	.45														
9.0	.49	.47	.45	.49	.47	.45	.49	.46	.45	.48	.46	.45	.48	.46	.45	.44														
10.0	.48	.45	.43	.48	.45	.43	.47	.45	.43	.47	.45	.43	.46	.44	.43	.42														



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

WEC AND CCEC

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.138-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310201249
MFR.: RISE	SUR.: 0.001589625m2	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	.087	.050	.016	.083	.047	.015	.075	.043	.014	.068	.040	.013	.062	.036	.012	
2.0	.081	.044	.014	.078	.043	.013	.071	.040	.012	.066	.037	.012	.060	.034	.011	
3.0	.076	.040	.012	.073	.039	.012	.068	.037	.011	.063	.035	.011	.058	.032	.010	
4.0	.071	.037	.011	.069	.036	.011	.065	.034	.010	.061	.033	.010	.057	.031	.009	
5.0	.068	.034	.010	.066	.034	.010	.062	.032	.009	.058	.031	.009	.055	.029	.009	
6.0	.064	.032	.009	.063	.032	.009	.059	.030	.009	.056	.029	.009	.053	.028	.008	
7.0	.061	.030	.009	.060	.030	.008	.057	.029	.008	.054	.028	.008	.052	.027	.008	
8.0	.059	.029	.008	.057	.028	.008	.055	.027	.008	.052	.027	.008	.050	.026	.008	
9.0	.056	.027	.008	.055	.027	.008	.053	.026	.007	.051	.025	.007	.049	.025	.007	
10.0	.054	.026	.007	.053	.026	.007	.051	.025	.007	.049	.024	.007	.047	.024	.007	

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	.116	.116	.116	.100	.100	.100	.068	.068	.068	.039	.039	.039	.012	.012	.012		
1.0	.103	.096	.090	.088	.083	.078	.060	.057	.054	.035	.033	.031	.011	.011	.010		
2.0	.092	.081	.072	.079	.070	.062	.054	.048	.043	.031	.028	.025	.010	.009	.008		
3.0	.083	.069	.058	.071	.060	.050	.049	.042	.035	.028	.024	.021	.009	.008	.007		
4.0	.076	.060	.048	.065	.052	.041	.045	.036	.029	.026	.021	.017	.008	.007	.006		
5.0	.070	.052	.040	.060	.045	.035	.041	.032	.024	.024	.019	.014	.008	.006	.005		
6.0	.064	.046	.033	.055	.040	.029	.038	.028	.021	.022	.017	.012	.007	.005	.004		
7.0	.060	.041	.029	.052	.036	.025	.036	.025	.018	.021	.015	.010	.007	.005	.003		
8.0	.056	.037	.025	.048	.032	.021	.033	.023	.015	.019	.013	.009	.006	.004	.003		
9.0	.053	.034	.021	.046	.030	.019	.032	.021	.013	.018	.012	.008	.006	.004	.003		
10.0	.050	.031	.019	.043	.027	.016	.030	.019	.012	.017	.011	.007	.006	.004	.002		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm											
NAME: 2318.138-ACOT-84-AM					TYPE:			WEIGHT:			
SPEC.: 3000K					DIM.:			SERIAL No.: 2310201249			
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	2H	5.7	6.4	5.9	6.6	6.7	5.7	6.4	6.0	6.6	6.7
	3H	5.6	6.2	5.8	6.4	6.6	5.6	6.3	5.8	6.4	6.6
	4H	5.5	6.1	5.8	6.3	6.5	5.5	6.1	5.8	6.4	6.6
	6H	5.4	6.0	5.7	6.2	6.5	5.5	6.0	5.7	6.3	6.5
	8H	5.4	5.9	5.7	6.2	6.4	5.4	6.0	5.7	6.2	6.5
	12H	5.3	5.9	5.6	6.1	6.4	5.4	5.9	5.7	6.2	6.4
4H	2H	5.5	6.1	5.8	6.3	6.5	5.5	6.1	5.8	6.3	6.6
	3H	5.3	5.9	5.6	6.1	6.4	5.4	5.9	5.7	6.2	6.4
	4H	5.2	5.7	5.6	6.0	6.3	5.3	5.8	5.6	6.1	6.4
	6H	5.1	5.6	5.5	5.9	6.2	5.2	5.6	5.5	5.9	6.3
	8H	5.1	5.5	5.5	5.8	6.2	5.1	5.5	5.5	5.9	6.2
	12H	5.0	5.4	5.4	5.8	6.2	5.1	5.4	5.5	5.8	6.2
8H	4H	5.1	5.5	5.5	5.8	6.2	5.1	5.5	5.5	5.9	6.2
	6H	5.0	5.3	5.4	5.7	6.1	5.0	5.3	5.4	5.7	6.2
	8H	4.9	5.2	5.4	5.6	6.1	5.0	5.3	5.4	5.7	6.1
	12H	4.9	5.1	5.3	5.6	6.0	4.9	5.2	5.4	5.6	6.1
12H	4H	5.0	5.4	5.4	5.8	6.1	5.1	5.4	5.5	5.8	6.2
	6H	4.9	5.2	5.4	5.6	6.1	5.0	5.3	5.4	5.7	6.1
	8H	4.9	5.1	5.3	5.6	6.0	4.9	5.2	5.4	5.6	6.1
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 3.8 / - 8.7					+ 4.1 / - 7.0					
1.5H	+ 6.3 / - 7.9					+ 6.5 / - 7.7					
2.0H	+ 5.3 / - 2.4					+ 5.4 / - 3.5					

CIE Pub.117, 2450 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.1)
Area: 0.00158963 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.138-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310201249
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

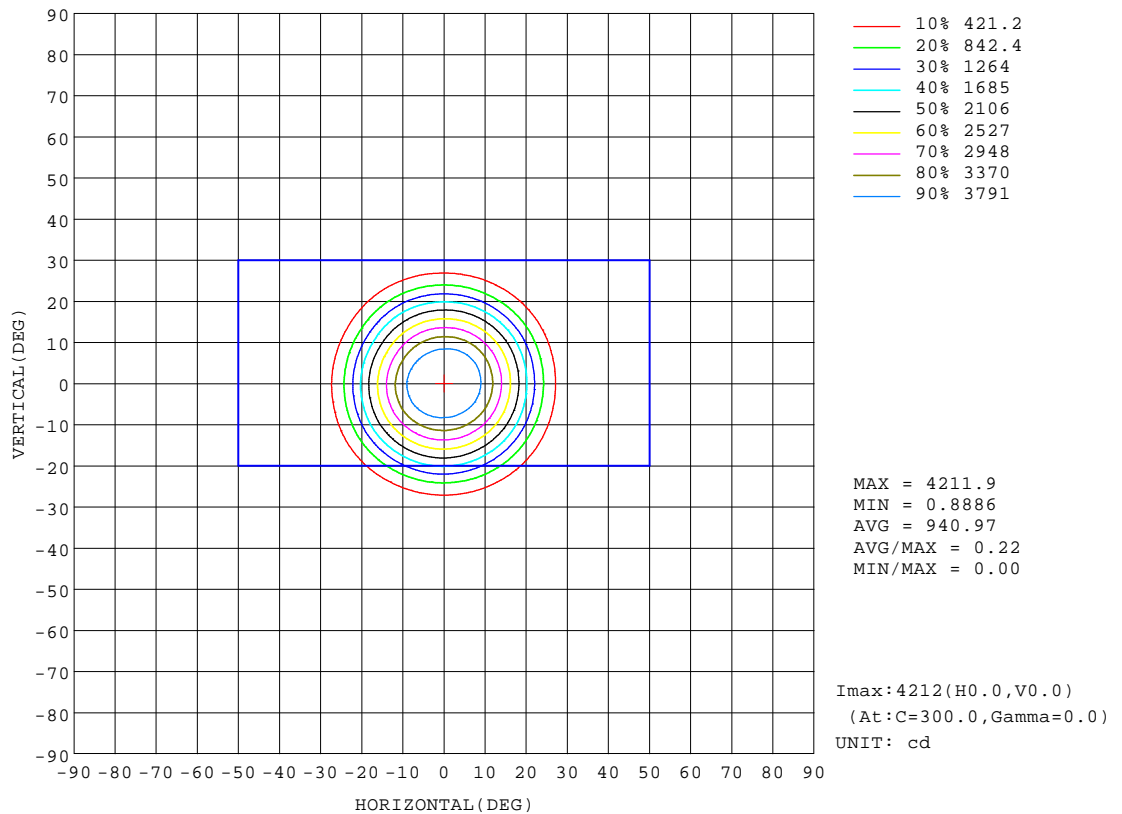
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	52	50	56	52	50	55	52	50	48
0.80	60	57	55	60	57	55	59	56	55	53
1.00	62	59	57	62	59	57	61	59	57	55
1.25	64	62	60	64	61	60	63	61	59	57
1.50	66	63	62	65	63	61	64	62	61	58
2.00	67	65	63	66	64	63	65	63	62	59
2.50	68	66	64	67	65	64	65	64	63	59
3.00	69	67	66	68	66	65	66	65	64	60
4.00	70	69	67	69	68	67	67	66	65	61
5.00	71	70	69	69	68	68	67	66	66	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:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.138-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310201249
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

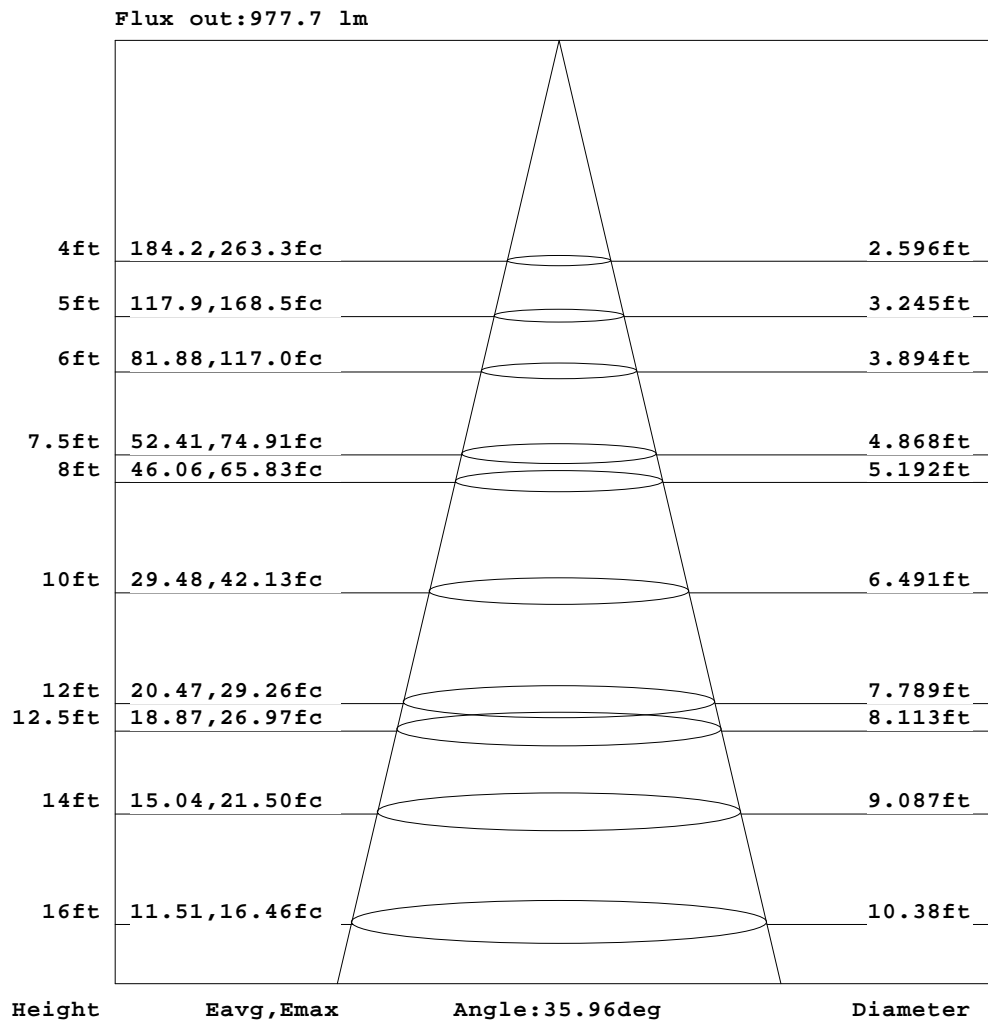


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

AAI Figure

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.138-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310201249
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:



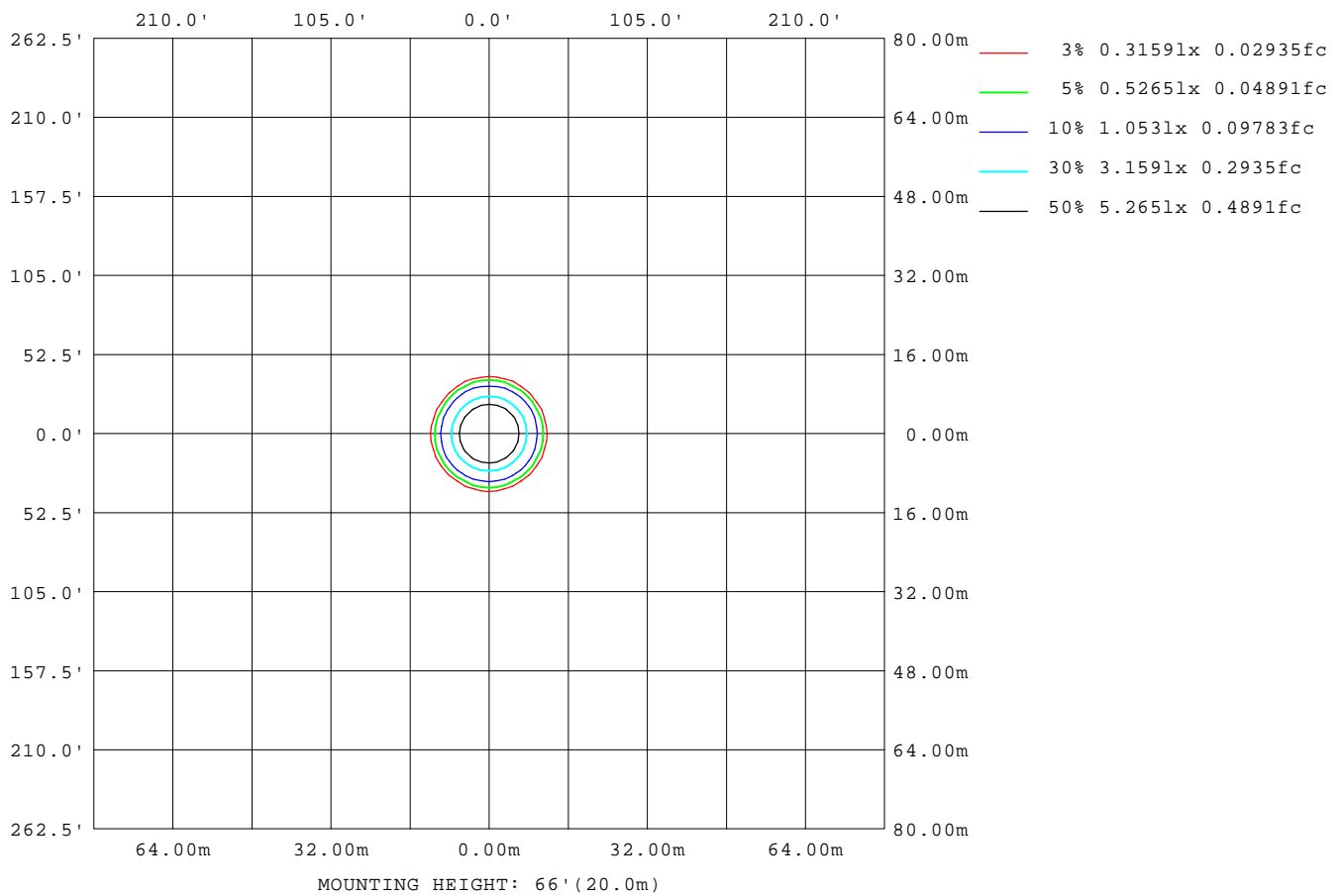
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-20

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-30G2000-C-83 Ra: 90
LENS: PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.138-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310201249
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:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP40A-1WMC-850 600mA
30minutes warm-up

LED Avg.L Report

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.138-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310201249
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

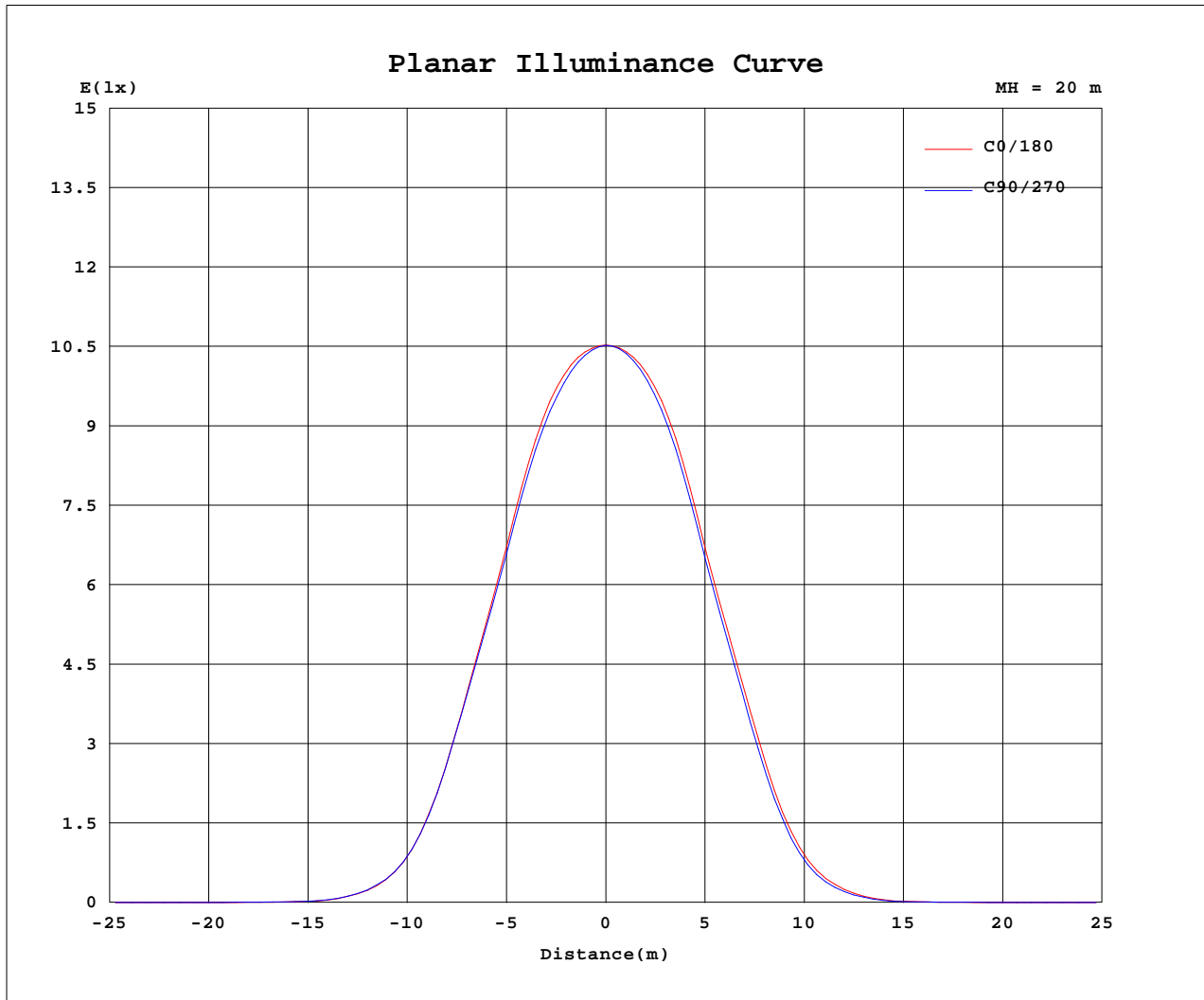
AvgL	cd/m2
L_0~180(65)av	902
L_0~180(75)av	555
L_0~180(85)av	574
L_90~270(65)av	1218
L_90~270(75)av	659
L_90~270(85)av	373
L_45(65)av	1039
L_45(75)av	561
L_45(85)av	213

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-20

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-30G2000-C-83 Ra:90
LENS:PM-1083A 24R
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: 2023-10-20

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-30G2000-C-83 Ra: 90
 LENS: PM-1083A 24R
 DRIVER: PUP40A-1WMC-850 600mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.17V I:0.1995A P:23.745W PF:0.9892 Freq:59.98Hz Lamp Flux:2450x1 lm		
NAME: 2318.138-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310201249
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

Table--1

UNIT: cd

C(DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
γ (DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
0	4211	4211	4211	4211	4211	4211	4211	4211	4211	4211	4211	4211						
5	4107	4090	4064	4061	4077	4105	4110	4086	4071	4075	4097	4113						
10	3661	3634	3587	3586	3621	3664	3669	3612	3581	3584	3635	3667						
15	2753	2732	2695	2702	2732	2765	2748	2676	2663	2664	2712	2752						
20	1720	1714	1686	1713	1725	1767	1749	1656	1668	1648	1689	1724						
25	702	697	687	703	698	735	726	662	675	657	668	698						
30	197	202	192	206	193	215	215	184	182	176	179	191						
35	35.1	36.9	35.8	38.7	37.8	39.1	37.9	33.5	31.6	30.0	31.7	32.0						
40	10.1	10.2	10.2	11.3	12.5	11.9	10.0	9.20	8.88	9.93	10.3	9.57						
45	3.62	3.66	3.88	4.94	6.34	5.95	4.16	3.76	4.02	4.88	4.88	3.71						
50	1.19	1.19	1.30	2.34	3.04	2.43	2.02	1.81	1.98	2.50	2.49	1.46						
55	0.78	0.78	0.86	1.63	2.14	1.59	1.41	1.37	1.34	1.79	1.79	1.00						
60	0.57	0.56	0.65	1.20	1.61	1.25	1.16	1.13	1.09	1.37	1.32	0.75						
65	0.37	0.35	0.42	0.72	1.04	0.87	0.85	0.81	0.77	0.91	0.85	0.47						
70	0.15	0.13	0.20	0.40	0.62	0.55	0.55	0.52	0.50	0.56	0.49	0.24						
75	0.12	0.10	0.11	0.22	0.34	0.32	0.34	0.31	0.30	0.32	0.25	0.13						
80	0.11	0.09	0.09	0.11	0.12	0.16	0.19	0.17	0.14	0.14	0.11	0.08						
85	0.09	0.05	0.04	0.06	0.02	0.04	0.07	0.04	0.03	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						

C Range: 0 - 360DEG
C Interval: 30.0DEG
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Operators:zoe
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