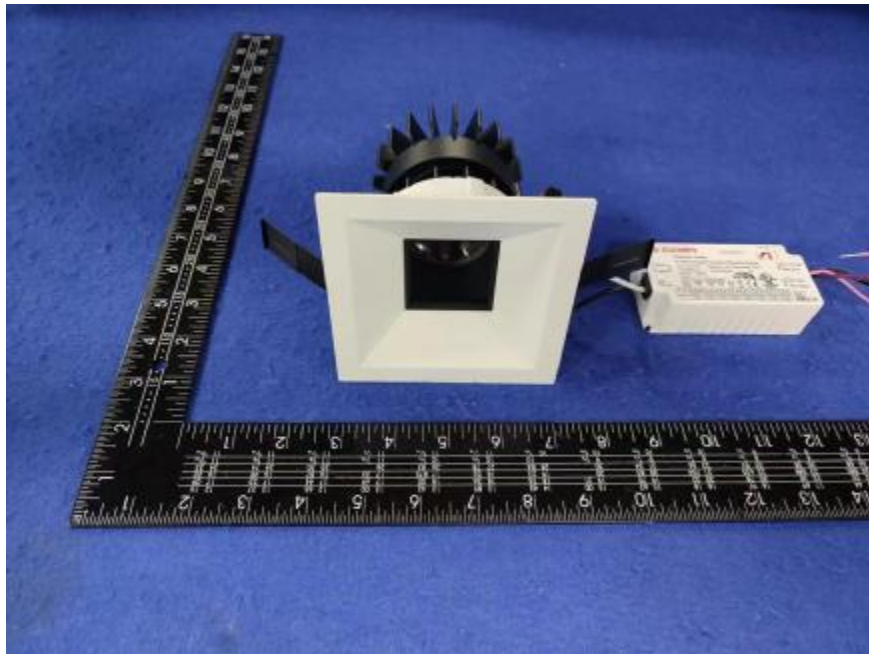


Luminaire Photograph



Light Output Ratio:	78.3%	
Luminaire Power:	21 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: 2024-7-24

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-30G1000-A-83 Ra: 90
LENS: PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

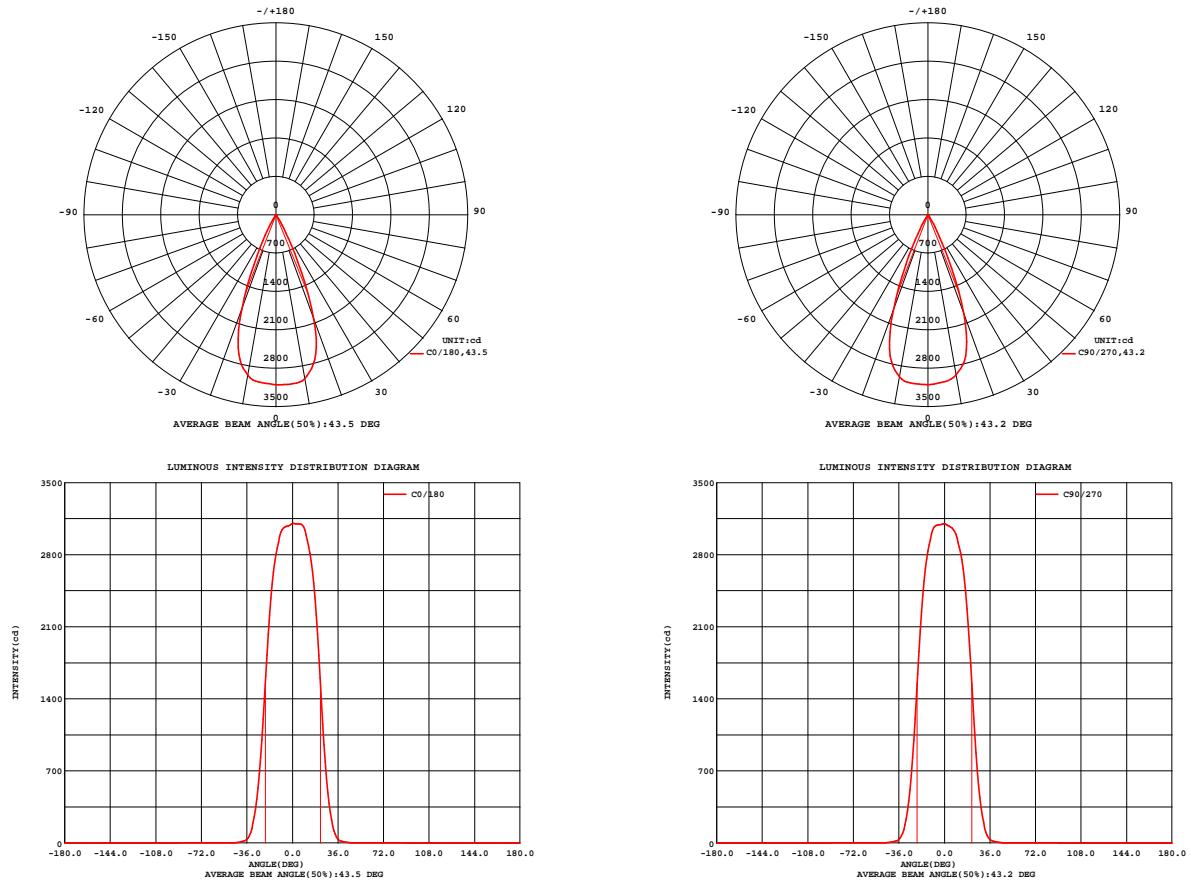


Fig. C0/C180

Fig. C90/C270

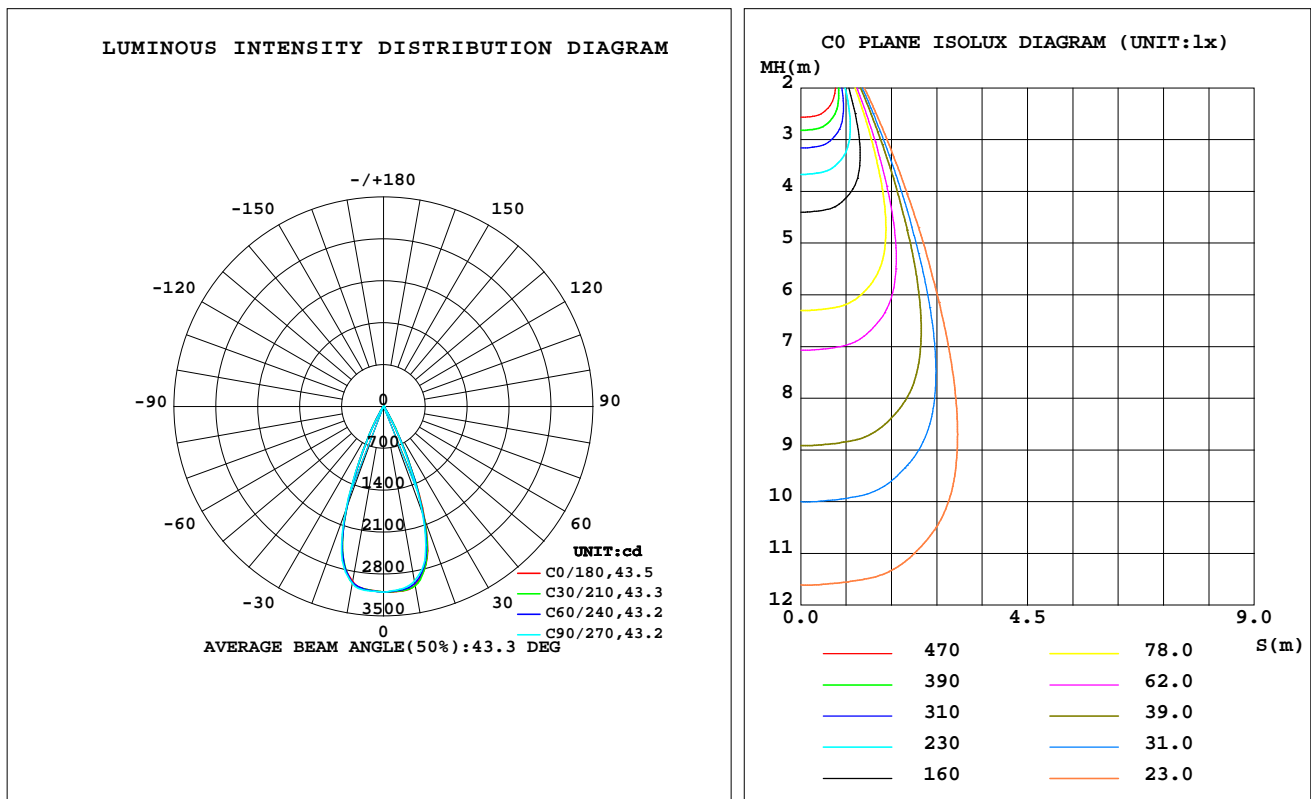
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-24

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-30G1000-A-83 Ra: 90
LENS: PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240941
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.76 lm/W			
MODEL	Bridgelux	Imax(cd)	3103	S/MH(C0/180)	0.63
NOMINAL POWER(W)	20	LOR(%)	78.3	S/MH(C90/270)	0.63
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1486.0	η UP,DN(C0-180)	0.0,39.6
NOMINAL FLUX(lm)	1897.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,38.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	78.3	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
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	3034	3023	2964	2972	2972	2992	3002	3039	0- 10	292.2	292.2	19.7,15.4
20	2025	1985	1912	1812	1824	1791	1859	1937	10- 20	716.8	1009	67.9,53.2
30	293.3	310.6	262.3	268.8	253.3	250.1	234.8	287.7	20- 30	417.7	1427	96,75.2
40	14.07	17.24	14.08	16.11	13.08	15.34	13.03	16.73	30- 40	54.56	1481	99.7,78.1
50	0.6553	1.062	0.5323	0.9213	0.5415	0.8371	0.4421	0.9159	40- 50	4.318	1486	100,78.3
60	0.1384	0.1317	0.1105	0.1357	0.1348	0.1204	0.1013	0.1205	50- 60	0.2693	1486	100,78.3
70	0.0639	0.0419	0.0347	0.0368	0.0629	0.0337	0.0301	0.0332	60- 70	0.0736	1486	100,78.3
80	0.0484	0.0302	0.0313	0.0205	0.0456	0.0206	0.0307	0.0185	70- 80	0.0336	1486	100,78.3
90	0	0	0	0	0	0	0	0	80- 90	0.0250	1486	100,78.3
100	0	0	0	0	0	0	0	0	90-100	0	1486	100,78.3
110	0	0	0	0	0	0	0	0	100-110	0	1486	100,78.3
120	0	0	0	0	0	0	0	0	110-120	0	1486	100,78.3
130	0	0	0	0	0	0	0	0	120-130	0	1486	100,78.3
140	0	0	0	0	0	0	0	0	130-140	0	1486	100,78.3
150	0	0	0	0	0	0	0	0	140-150	0	1486	100,78.3
160	0	0	0	0	0	0	0	0	150-160	0	1486	100,78.3
170	0	0	0	0	0	0	0	0	160-170	0	1486	100,78.3
180	0	0	0	0	0	0	0	0	170-180	0	1486	100,78.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz
Lamp Flux:1897.7x1 lm

NAME: 2418.119-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

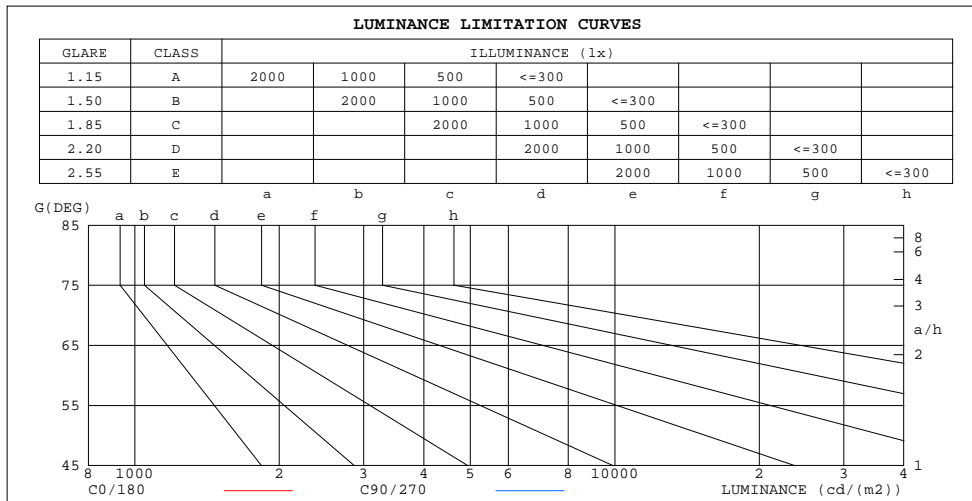
DIM.:

SERIAL No.: 2407240941

MFR.: RISE

SUR.: 0.0064m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	96	54
80	44	28
75	28	18
70	29	16
65	32	23
60	43	35
55	68	58
50	159	129
45	815	775

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz
Lamp Flux:1897.7x1 lm

NAME: 2418.119-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

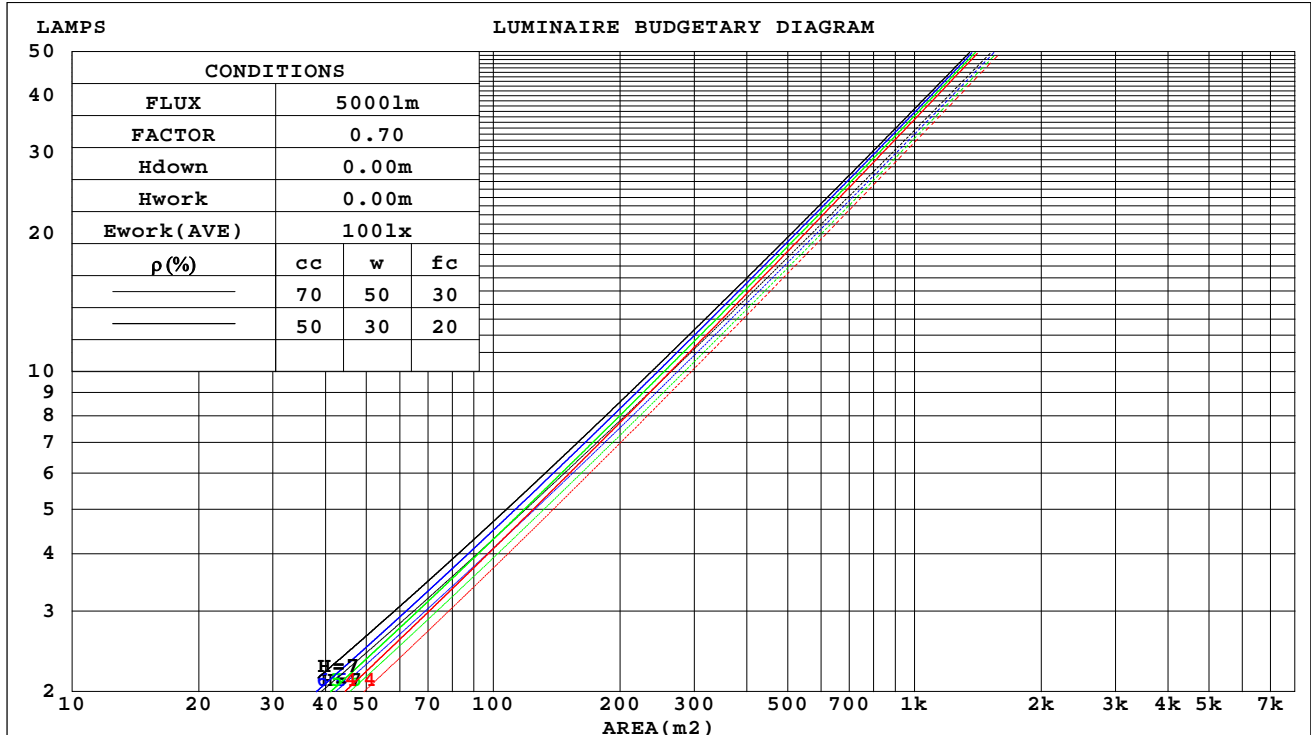
SERIAL No.: 2407240941

MFR.: RISE

SUR.: 0.0064m2

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	.93	.93	.93	.91	.91	.91	.87	.87	.87	.83	.83	.83	.80	.80	.80	.78
1.0	.88	.86	.85	.86	.85	.84	.83	.82	.81	.80	.79	.79	.78	.77	.76	.75
2.0	.83	.81	.79	.82	.80	.78	.80	.78	.76	.77	.76	.74	.75	.74	.73	.72
3.0	.79	.76	.74	.78	.75	.73	.76	.74	.72	.74	.72	.71	.73	.71	.70	.69
4.0	.76	.72	.70	.75	.72	.69	.73	.70	.68	.72	.69	.68	.70	.68	.67	.66
5.0	.72	.69	.66	.72	.68	.66	.70	.67	.65	.69	.67	.65	.68	.66	.64	.63
6.0	.69	.65	.63	.69	.65	.63	.67	.64	.62	.66	.64	.62	.66	.63	.61	.61
7.0	.66	.63	.60	.66	.62	.60	.65	.62	.60	.64	.61	.59	.63	.61	.59	.58
8.0	.64	.60	.58	.63	.60	.57	.63	.59	.57	.62	.59	.57	.61	.59	.57	.56
9.0	.61	.58	.55	.61	.57	.55	.60	.57	.55	.60	.57	.55	.59	.56	.55	.54
10.0	.59	.55	.53	.59	.55	.53	.58	.55	.53	.58	.55	.53	.57	.54	.53	.52



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

WEC AND CCEC

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240941
MFR.: RISE	SUR.: 0.0064m2	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	.116	.066	.021	.111	.063	.020	.101	.058	.018	.092	.053	.017	.084	.049	.016	
2.0	.108	.059	.018	.104	.057	.018	.096	.053	.017	.089	.050	.016	.082	.046	.015	
3.0	.102	.054	.016	.098	.053	.016	.092	.050	.015	.085	.047	.014	.079	.044	.014	
4.0	.096	.050	.015	.093	.049	.014	.087	.046	.014	.082	.044	.013	.077	.042	.013	
5.0	.091	.047	.013	.089	.046	.013	.084	.044	.013	.079	.042	.012	.075	.040	.012	
6.0	.087	.044	.012	.085	.043	.012	.080	.041	.012	.076	.040	.012	.073	.038	.011	
7.0	.083	.041	.012	.081	.040	.012	.077	.039	.011	.074	.038	.011	.071	.037	.011	
8.0	.080	.039	.011	.078	.038	.011	.075	.037	.011	.072	.036	.010	.069	.035	.010	
9.0	.077	.037	.010	.075	.037	.010	.072	.036	.010	.069	.035	.010	.067	.034	.010	
10.0	.074	.035	.010	.072	.035	.010	.070	.034	.010	.067	.033	.009	.065	.033	.009	

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	.149	.149	.149	.127	.127	.127	.087	.087	.087	.050	.050	.050	.016	.016	.016		
1.0	.132	.123	.115	.113	.106	.099	.078	.073	.069	.045	.042	.040	.014	.014	.013		
2.0	.119	.104	.091	.102	.089	.079	.070	.062	.055	.040	.036	.032	.013	.012	.011		
3.0	.108	.089	.074	.092	.077	.064	.063	.053	.045	.037	.031	.026	.012	.010	.009		
4.0	.098	.077	.060	.084	.066	.052	.058	.046	.037	.034	.027	.022	.011	.009	.007		
5.0	.091	.067	.050	.078	.058	.044	.054	.041	.031	.031	.024	.018	.010	.008	.006		
6.0	.084	.060	.042	.072	.052	.037	.050	.036	.026	.029	.021	.015	.009	.007	.005		
7.0	.079	.054	.036	.068	.046	.031	.047	.033	.022	.027	.019	.013	.009	.006	.004		
8.0	.074	.048	.031	.064	.042	.027	.044	.029	.019	.026	.017	.011	.008	.006	.004		
9.0	.070	.044	.027	.060	.038	.023	.042	.027	.017	.024	.016	.010	.008	.005	.003		
10.0	.066	.041	.023	.057	.035	.020	.040	.025	.015	.023	.015	.009	.007	.005	.003		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz Lamp Flux:1897.7x1 lm										
NAME: 2418.119-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407240941		
MFR.: RISE					SUR.: 0.0064m2			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	5.1	5.9	5.4	6.0	6.2	4.3	5.1	4.5	5.2	5.4
3H	5.0	5.7	5.2	5.9	6.1	4.2	4.8	4.4	5.0	5.2
4H	4.9	5.6	5.2	5.8	6.0	4.1	4.7	4.3	4.9	5.2
6H	4.8	5.4	5.1	5.7	5.9	4.0	4.6	4.3	4.8	5.1
8H	4.8	5.4	5.1	5.6	5.9	4.0	4.5	4.3	4.8	5.0
12H	4.7	5.3	5.0	5.6	5.8	3.9	4.5	4.2	4.7	5.0
4H 2H	4.9	5.6	5.2	5.8	6.0	4.1	4.7	4.3	4.9	5.2
3H	4.7	5.3	5.0	5.6	5.8	3.9	4.5	4.2	4.7	5.0
4H	4.6	5.2	5.0	5.4	5.7	3.8	4.3	4.2	4.6	4.9
6H	4.5	5.0	4.9	5.3	5.7	3.7	4.2	4.1	4.5	4.8
8H	4.5	4.9	4.9	5.3	5.6	3.7	4.1	4.0	4.4	4.8
12H	4.4	4.8	4.8	5.2	5.6	3.6	4.0	4.0	4.4	4.7
8H 4H	4.5	4.9	4.9	5.3	5.6	3.7	4.1	4.0	4.4	4.8
6H	4.4	4.7	4.8	5.1	5.5	3.6	3.9	4.0	4.3	4.7
8H	4.3	4.6	4.8	5.0	5.5	3.5	3.8	3.9	4.2	4.7
12H	4.3	4.5	4.7	5.0	5.4	3.4	3.7	3.9	4.1	4.6
12H 4H	4.4	4.8	4.8	5.2	5.6	3.6	4.0	4.0	4.4	4.7
6H	4.3	4.6	4.8	5.0	5.5	3.5	3.8	3.9	4.2	4.7
8H	4.3	4.5	4.7	5.0	5.4	3.4	3.7	3.9	4.1	4.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.3 / -19.6					+ 3.5 / -21.3				
1.5H	+ 5.9 / -17.9					+ 6.2 / -19.5				
2.0H	+ 7.2 / - 9.3					+ 7.7 / -10.0				

CIE Pub.117, 1898 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)
Area: 0.0064 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240941
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

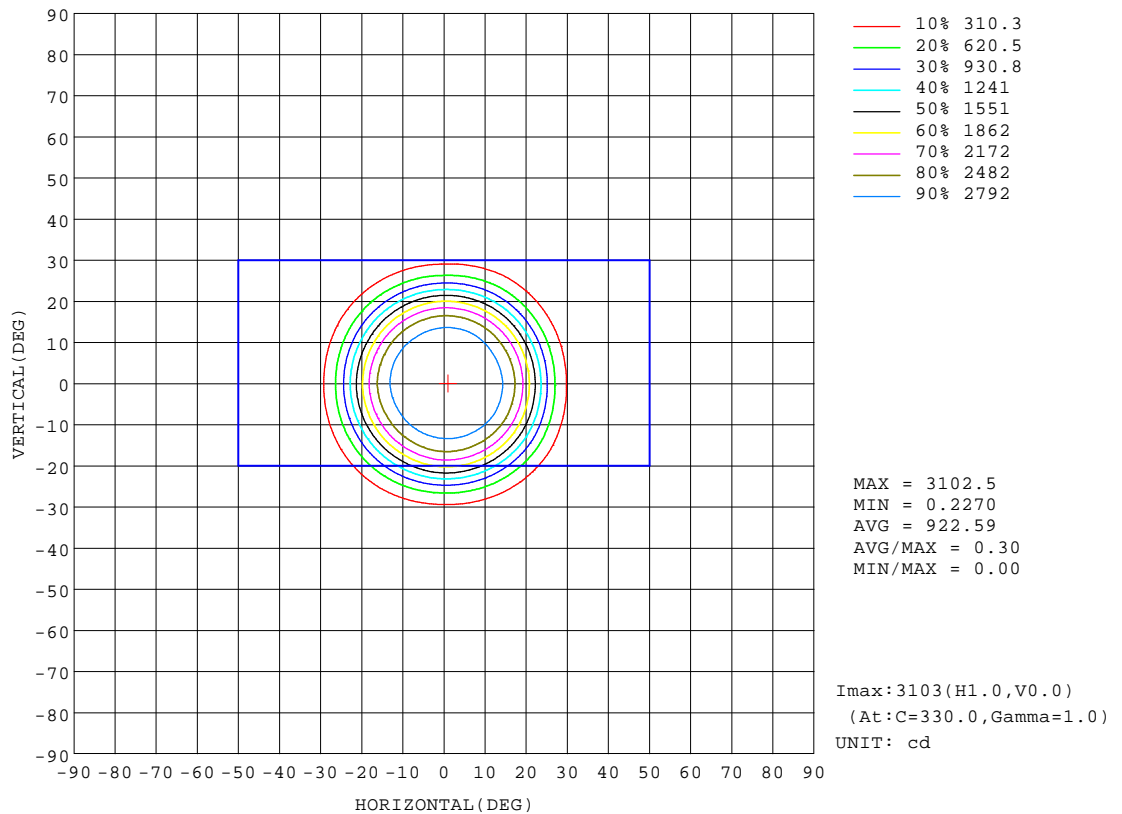
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	72	67	65	71	67	64	71	67	64	62
0.80	77	73	70	76	73	70	76	72	70	67
1.00	80	76	73	79	76	73	78	75	73	70
1.25	83	79	77	82	79	76	80	78	76	73
1.50	84	81	79	84	81	79	82	79	78	74
2.00	86	83	81	85	82	80	83	81	79	75
2.50	87	85	83	86	84	82	84	82	80	76
3.00	88	86	84	87	85	83	84	83	81	77
4.00	90	88	86	88	87	85	85	84	83	78
5.00	91	89	88	89	88	87	86	85	84	78
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:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240941
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

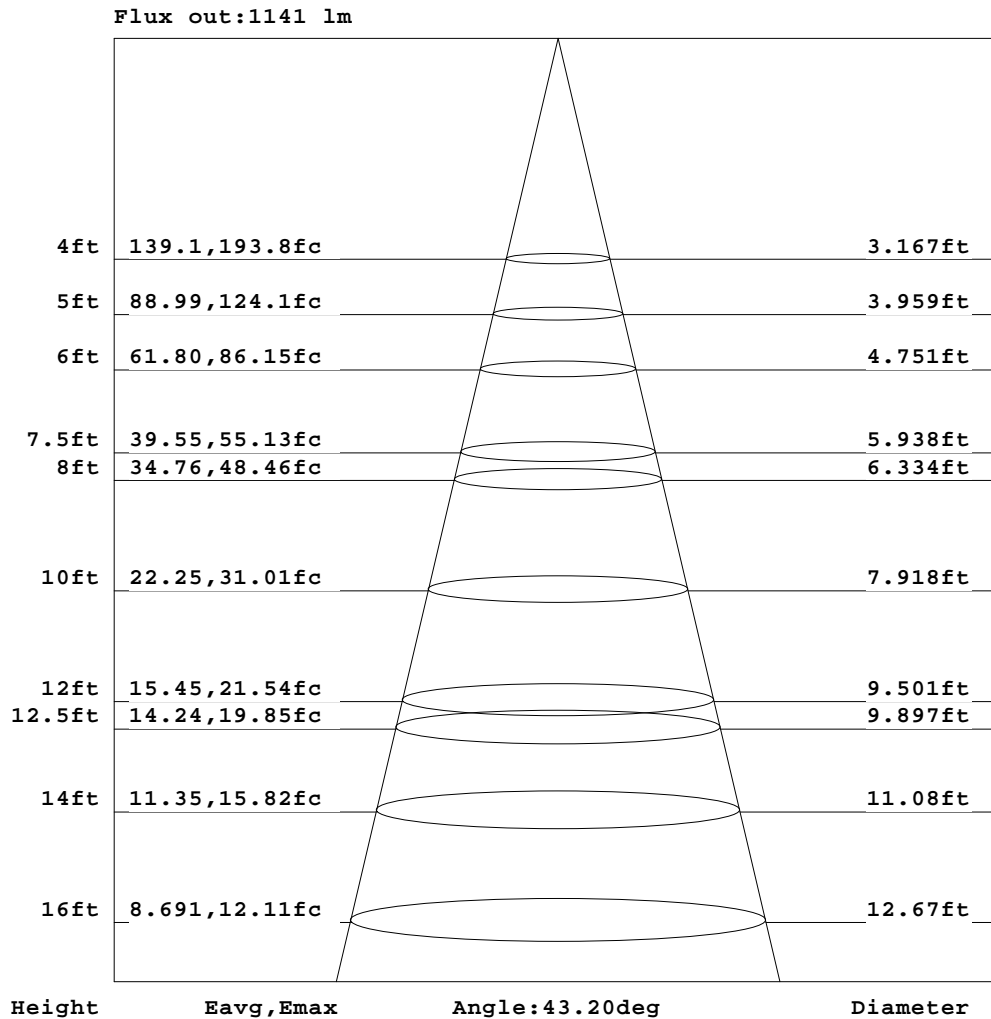


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

AAI Figure

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240941
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



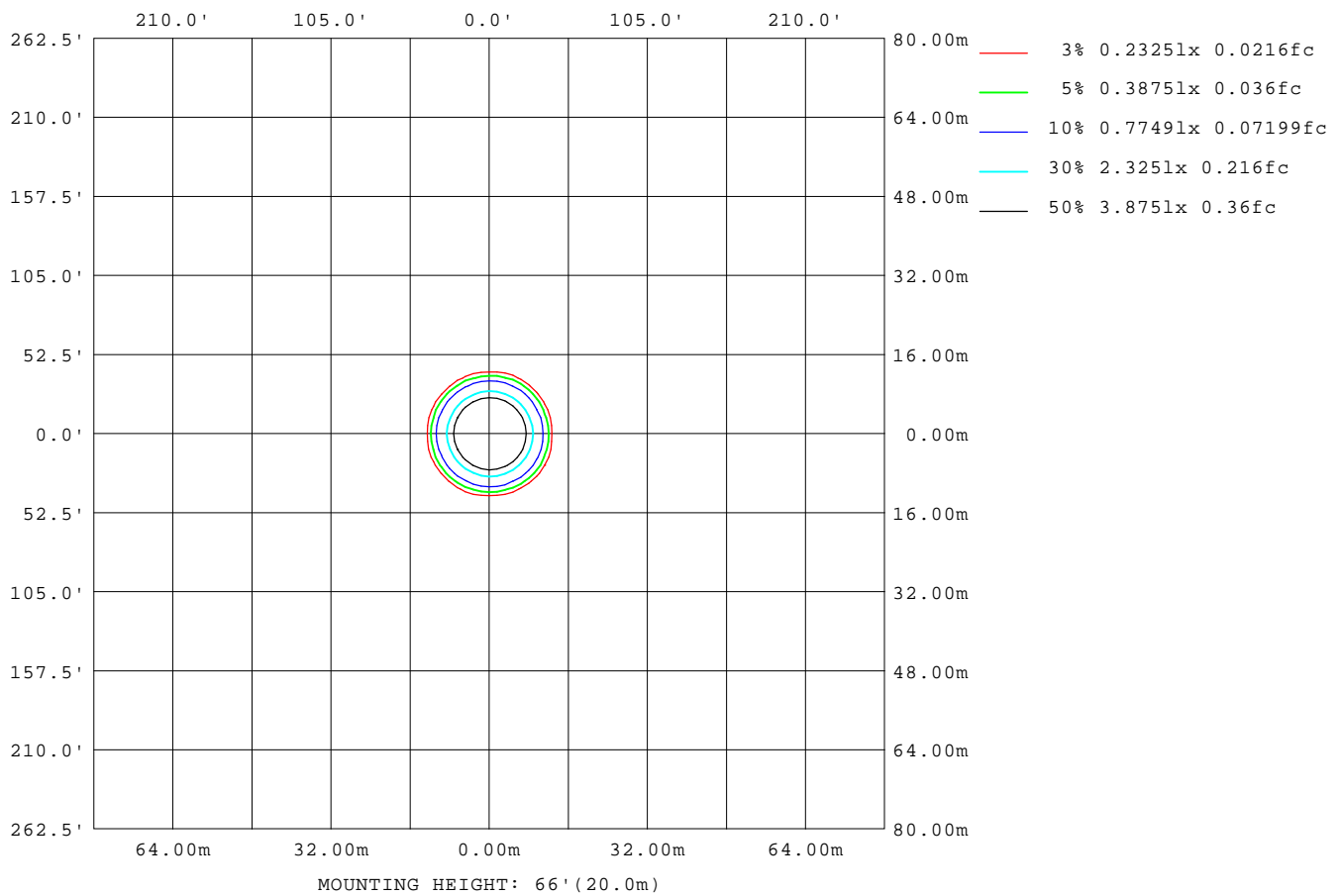
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2024-7-24

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-30G1000-A-83 Ra:90
LENS: PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240941
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:zoe
Test Date:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LED Avg.L Report

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240941
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

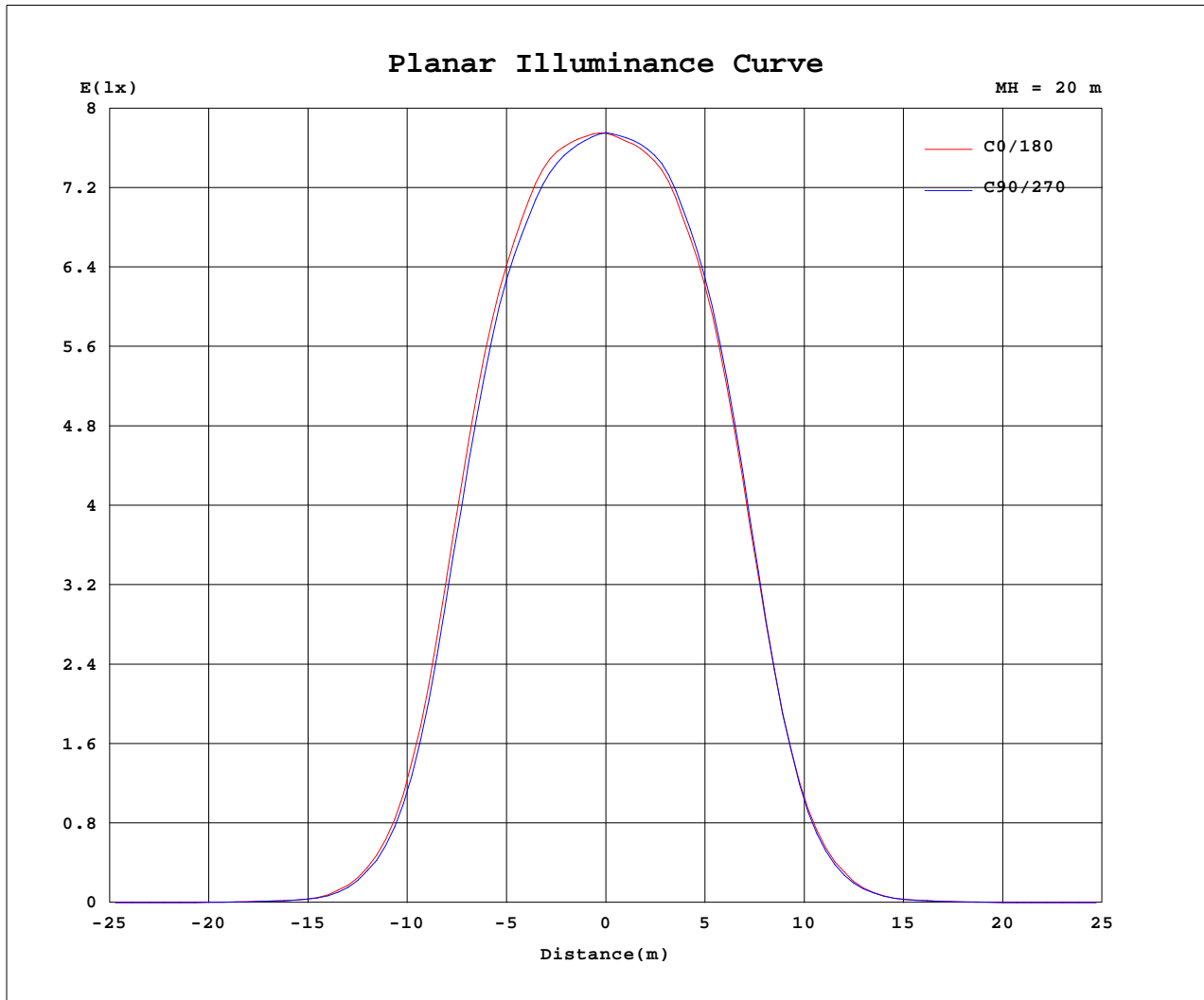
AvgL	cd/m2
L_0~180(65)av	32
L_0~180(75)av	28
L_0~180(85)av	88
L_90~270(65)av	22
L_90~270(75)av	17
L_90~270(85)av	51
L_45(65)av	26
L_45(75)av	15
L_45(85)av	26

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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-30G1000-A-83 Ra:90
LENS;PM-1083B 36R
DRIVER: PUP20A-1WMC 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: 2024-7-24

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-30G1000-A-83 Ra: 90
 LENS: PM-1083B 36R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.16V I:0.1757A P:21.001W PF:0.9939 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240941
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100						
5	3098	3093	3080	3067	3066	3068	3073	3073	3078	3089	3098	3100						
10	3034	3045	3001	2964	2972	2972	2972	2998	2986	3002	3044	3033						
15	2737	2730	2690	2665	2616	2596	2631	2611	2622	2665	2691	2703						
20	2025	2010	1960	1912	1824	1799	1824	1785	1797	1859	1905	1968						
25	952	991	936	877	860	835	827	826	806	829	897	928						
30	293	326	296	262	272	266	253	257	244	235	284	291						
35	57.1	85.8	76.8	50.9	75.5	69.2	49.0	66.6	62.0	47.1	74.2	75.8						
40	14.1	18.9	15.6	14.1	16.6	15.7	13.1	15.7	15.0	13.0	18.2	15.3						
45	3.69	5.79	4.87	3.51	5.63	5.38	2.60	5.79	5.15	3.24	5.19	5.23						
50	0.66	1.39	0.73	0.53	0.76	1.08	0.54	1.11	0.57	0.44	0.71	1.12						
55	0.25	0.30	0.23	0.21	0.24	0.29	0.24	0.27	0.20	0.19	0.20	0.27						
60	0.14	0.15	0.12	0.11	0.12	0.15	0.13	0.14	0.10	0.10	0.10	0.14						
65	0.09	0.08	0.07	0.06	0.06	0.08	0.09	0.08	0.05	0.06	0.06	0.08						
70	0.06	0.05	0.03	0.03	0.03	0.04	0.06	0.04	0.02	0.03	0.02	0.04						
75	0.05	0.04	0.02	0.03	0.02	0.03	0.05	0.03	0.02	0.03	0.02	0.03						
80	0.05	0.04	0.02	0.03	0.02	0.02	0.05	0.02	0.02	0.03	0.01	0.02						
85	0.05	0.02	0.02	0.03	0.02	0.02	0.04	0.02	0.01	0.03	0.01	0.02						
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
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Operators:zoe
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