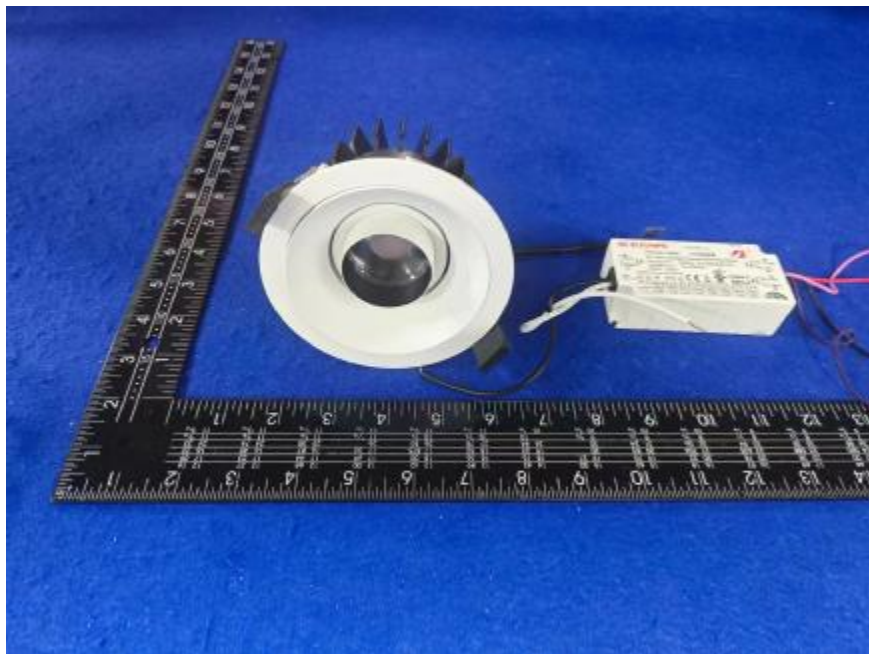


Luminaire Photograph



Light Output Ratio:	63.2%	
Luminaire Power:	19.33 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: 2023-7-15

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-30G1000-A-83 Ra: 90
LENS: PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

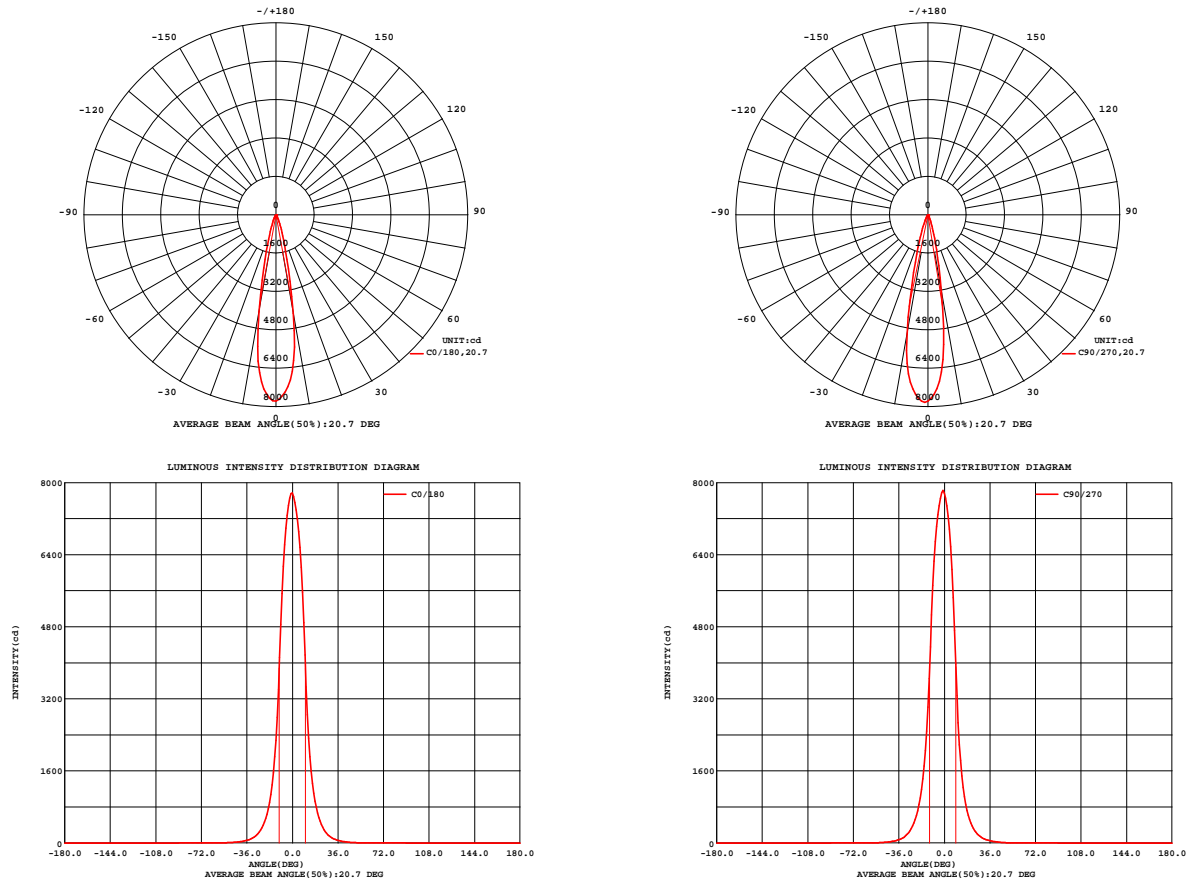


Fig. C0/C180

Fig. C90/C270

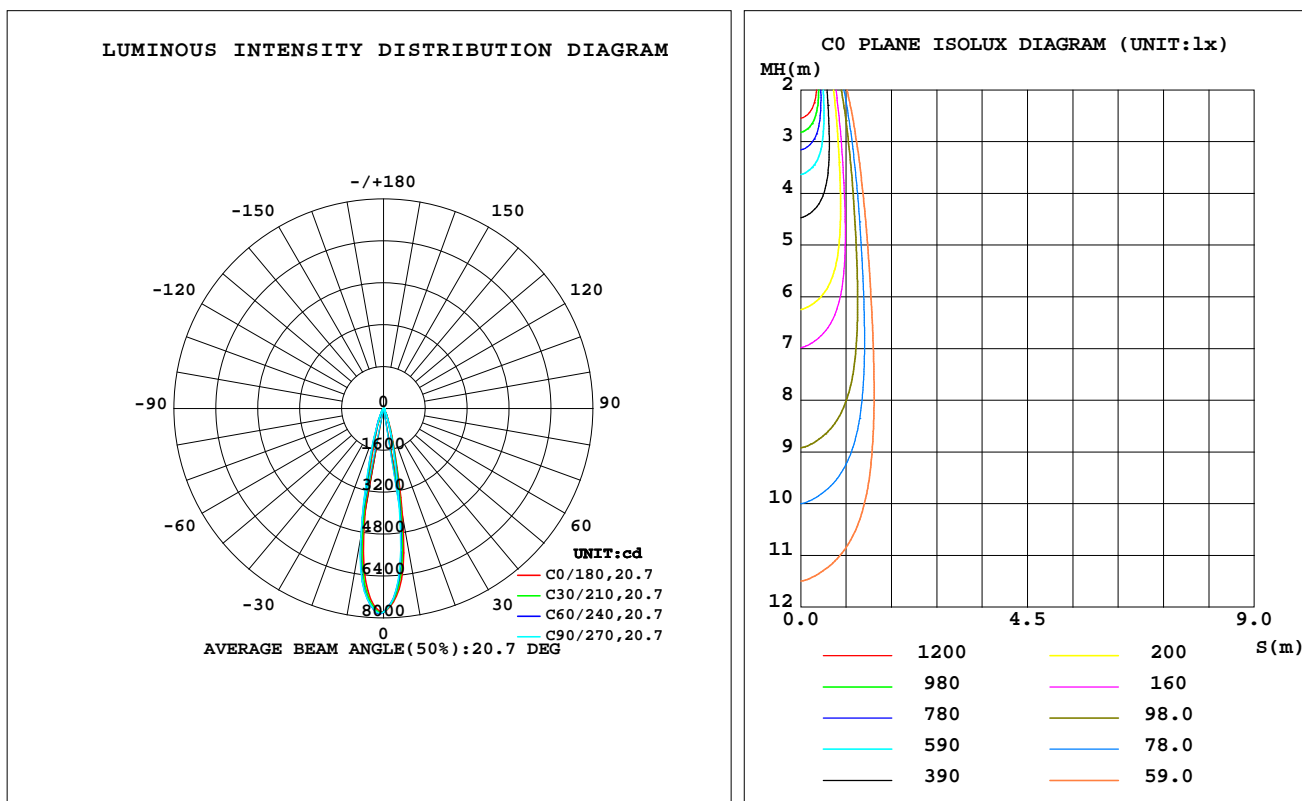
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-7-15

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-30G1000-A-83 Ra: 90
LENS: PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150903
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.74 lm/W			
MODEL	Bridgelux	Imax(cd)	7847	S/MH(C0/180)	0.34
NOMINAL POWER(W)	20	LOR(%)	63.2	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1270.8	UP,DN(C0-180)	0.0,28.2
NOMINAL FLUX(lm)	2011.9	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,34.9
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	down(%)	63.2	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-7-15

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-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	4174	3573	3272	3520	4116	4758	5062	4741	0- 10	573.9	573.9	45.2,28.5
20	664.9	565.8	521.3	552.5	636.8	766.6	856.1	778.5	10- 20	483.0	1057	83.2,52.5
30	137.7	120.2	113.7	119.6	133.7	156.8	171.4	160.3	20- 30	147.1	1204	94.8,59.8
40	34.90	30.78	29.55	31.29	34.72	39.60	42.47	39.80	30- 40	46.02	1250	98.4,62.1
50	7.268	6.240	6.072	7.010	7.865	8.853	9.448	8.330	40- 50	14.16	1264	99.5,62.8
60	3.158	2.347	2.297	2.900	3.408	3.736	3.754	3.242	50- 60	4.501	1269	99.8,63.1
70	0.6255	0.5205	0.5398	0.6780	0.8083	0.8750	0.9026	0.7897	60- 70	1.562	1270	100,63.1
80	0.1787	0.0844	0.0630	0.1136	0.2400	0.1491	0.0945	0.1240	70- 80	0.4089	1271	100,63.2
90	0	0	0	0	0	0	0	0	80- 90	0.0472	1271	100,63.2
100	0	0	0	0	0	0	0	0	90-100	0	1271	100,63.2
110	0	0	0	0	0	0	0	0	100-110	0	1271	100,63.2
120	0	0	0	0	0	0	0	0	110-120	0	1271	100,63.2
130	0	0	0	0	0	0	0	0	120-130	0	1271	100,63.2
140	0	0	0	0	0	0	0	0	130-140	0	1271	100,63.2
150	0	0	0	0	0	0	0	0	140-150	0	1271	100,63.2
160	0	0	0	0	0	0	0	0	150-160	0	1271	100,63.2
170	0	0	0	0	0	0	0	0	160-170	0	1271	100,63.2
180	0	0	0	0	0	0	0	0	170-180	0	1271	100,63.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-7-15

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-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz
Lamp Flux:2011.9x1 lm

NAME: 2118.193-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

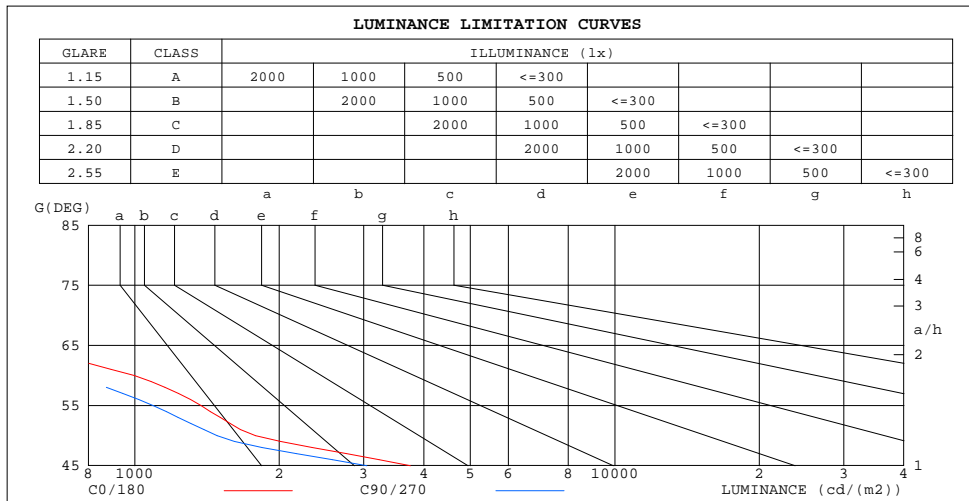
DIM.:

SERIAL No.: 2307150903

MFR.: RISE

SUR.: 0.0063585m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	111	82
80	162	57
75	219	136
70	289	248
65	479	360
60	997	722
55	1374	1092
50	1785	1484
45	3752	3046

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-7-15

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-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz
Lamp Flux:2011.9x1 lm

NAME: 2118.193-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

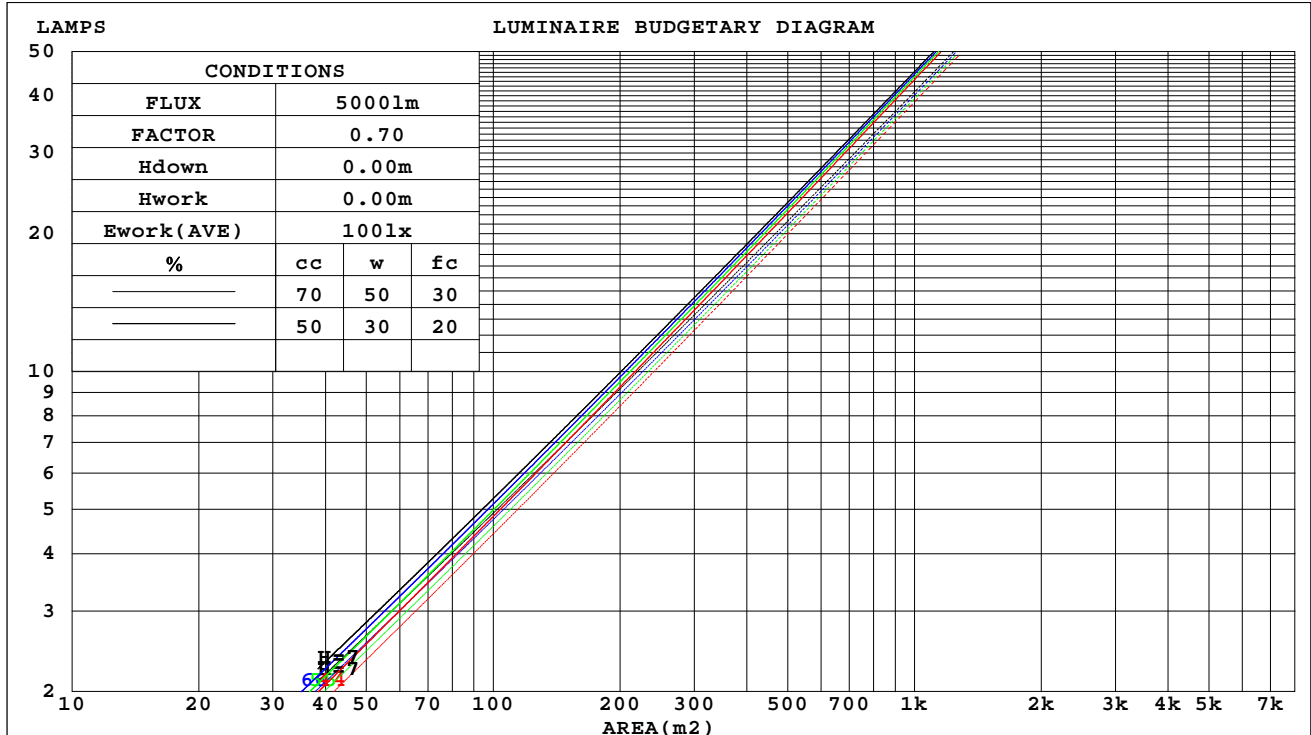
SERIAL No.: 2307150903

MFR.: RISE

SUR.: 0.0063585m2

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:2023-7-15

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-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

WEC AND CCEC

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150903
MFR.: RISE	SUR.: 0.0063585m2	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	.082	.047	.015	.078	.045	.014	.070	.040	.013	.063	.036	.012	.057	.033	.011		
2.0	.076	.042	.013	.073	.040	.012	.066	.037	.011	.060	.034	.011	.055	.031	.010		
3.0	.071	.038	.011	.068	.036	.011	.062	.034	.010	.057	.031	.010	.053	.029	.009		
4.0	.066	.034	.010	.063	.033	.010	.059	.031	.009	.055	.029	.009	.051	.028	.008		
5.0	.062	.031	.009	.060	.031	.009	.056	.029	.009	.052	.028	.008	.049	.026	.008		
6.0	.058	.029	.008	.057	.029	.008	.053	.027	.008	.050	.026	.008	.047	.025	.007		
7.0	.055	.027	.008	.054	.027	.008	.051	.026	.007	.048	.025	.007	.046	.024	.007		
8.0	.052	.026	.007	.051	.025	.007	.049	.024	.007	.046	.023	.007	.044	.023	.007		
9.0	.050	.024	.007	.049	.024	.007	.047	.023	.007	.045	.022	.006	.043	.022	.006		
10.0	.048	.023	.006	.047	.023	.006	.045	.022	.006	.043	.021	.006	.041	.021	.006		

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	.120	.120	.120	.103	.103	.103	.070	.070	.070	.040	.040	.040	.013	.013	.013	
1.0	.106	.100	.094	.091	.086	.081	.062	.059	.056	.036	.034	.032	.011	.011	.011	
2.0	.094	.084	.075	.081	.072	.065	.055	.050	.045	.032	.029	.027	.010	.009	.009	
3.0	.085	.072	.061	.073	.062	.053	.050	.043	.037	.029	.025	.022	.009	.008	.007	
4.0	.077	.062	.050	.066	.053	.044	.045	.037	.031	.026	.022	.018	.008	.007	.006	
5.0	.070	.054	.042	.060	.047	.037	.041	.033	.026	.024	.019	.015	.008	.006	.005	
6.0	.064	.048	.036	.055	.041	.031	.038	.029	.022	.022	.017	.013	.007	.006	.004	
7.0	.059	.042	.031	.051	.037	.027	.035	.026	.019	.020	.015	.011	.007	.005	.004	
8.0	.055	.038	.026	.047	.033	.023	.033	.023	.016	.019	.014	.010	.006	.004	.003	
9.0	.051	.034	.023	.044	.030	.020	.030	.021	.014	.018	.012	.008	.006	.004	.003	
10.0	.048	.031	.020	.041	.027	.018	.029	.019	.013	.017	.011	.007	.005	.004	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-7-15

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-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz Lamp Flux:2011.9x1 lm										
NAME: 2118.193-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2307150903		
MFR.: RISE					SUR.: 0.0063585m2			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	4.3	4.9	4.5	5.0	5.2	3.4	4.0	3.6	4.1	4.3
3H	4.1	4.7	4.4	4.9	5.1	3.2	3.8	3.5	4.0	4.2
4H	4.1	4.6	4.3	4.8	5.0	3.2	3.7	3.4	3.9	4.1
6H	4.0	4.5	4.3	4.7	5.0	3.1	3.6	3.4	3.8	4.1
8H	4.0	4.5	4.2	4.7	4.9	3.0	3.5	3.3	3.8	4.0
12H	3.9	4.4	4.2	4.6	4.9	3.0	3.5	3.3	3.7	4.0
4H 2H	4.1	4.6	4.3	4.8	5.0	3.2	3.7	3.4	3.9	4.1
3H	3.9	4.4	4.2	4.7	4.9	3.0	3.5	3.4	3.8	4.0
4H	3.9	4.3	4.2	4.6	4.9	3.0	3.4	3.3	3.7	4.0
6H	3.8	4.2	4.1	4.5	4.8	2.9	3.2	3.2	3.6	3.9
8H	3.7	4.1	4.1	4.4	4.8	2.8	3.2	3.2	3.5	3.9
12H	3.7	4.0	4.1	4.4	4.7	2.7	3.1	3.2	3.5	3.8
8H 4H	3.7	4.1	4.1	4.4	4.8	2.8	3.2	3.2	3.5	3.9
6H	3.6	3.9	4.0	4.3	4.7	2.7	3.0	3.1	3.4	3.8
8H	3.5	3.8	4.0	4.2	4.7	2.6	2.9	3.1	3.3	3.8
12H	3.5	3.7	3.9	4.1	4.6	2.6	2.8	3.0	3.2	3.7
12H 4H	3.6	4.0	4.0	4.3	4.7	2.8	3.1	3.2	3.5	3.8
6H	3.5	3.8	4.0	4.2	4.7	2.6	2.9	3.1	3.3	3.8
8H	3.5	3.7	3.9	4.1	4.6	2.6	2.8	3.0	3.2	3.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.2 / - 6.7					+ 2.9 / - 7.3				
1.5H	+ 5.2 / - 5.4					+ 4.9 / - 5.2				
2.0H	+ 5.4 / - 5.8					+ 5.1 / - 5.8				

CIE Pub.117, 2012 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.4)
Area: 0.0063585 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-7-15

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-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150903
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

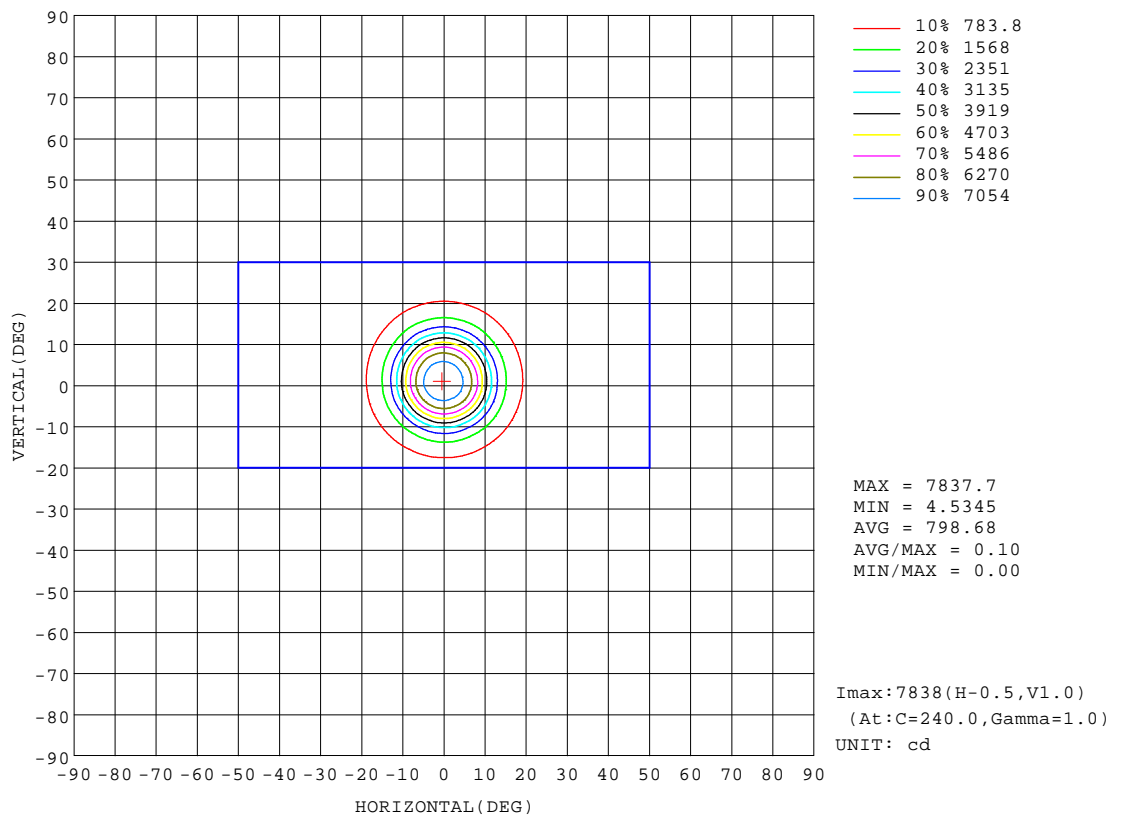
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	54	51	57	53	51	56	53	51	49
0.80	62	58	56	61	58	56	61	58	56	54
1.00	64	61	59	64	61	59	63	60	58	56
1.25	66	63	61	66	63	61	64	62	61	58
1.50	68	65	63	67	65	63	66	64	62	60
2.00	69	67	65	68	66	65	67	65	64	60
2.50	70	68	66	69	67	66	67	66	65	61
3.00	71	69	68	70	68	67	68	67	65	62
4.00	72	71	69	71	70	69	69	68	67	62
5.00	73	72	71	72	71	70	69	68	68	63
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:2023-7-15

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-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150903
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

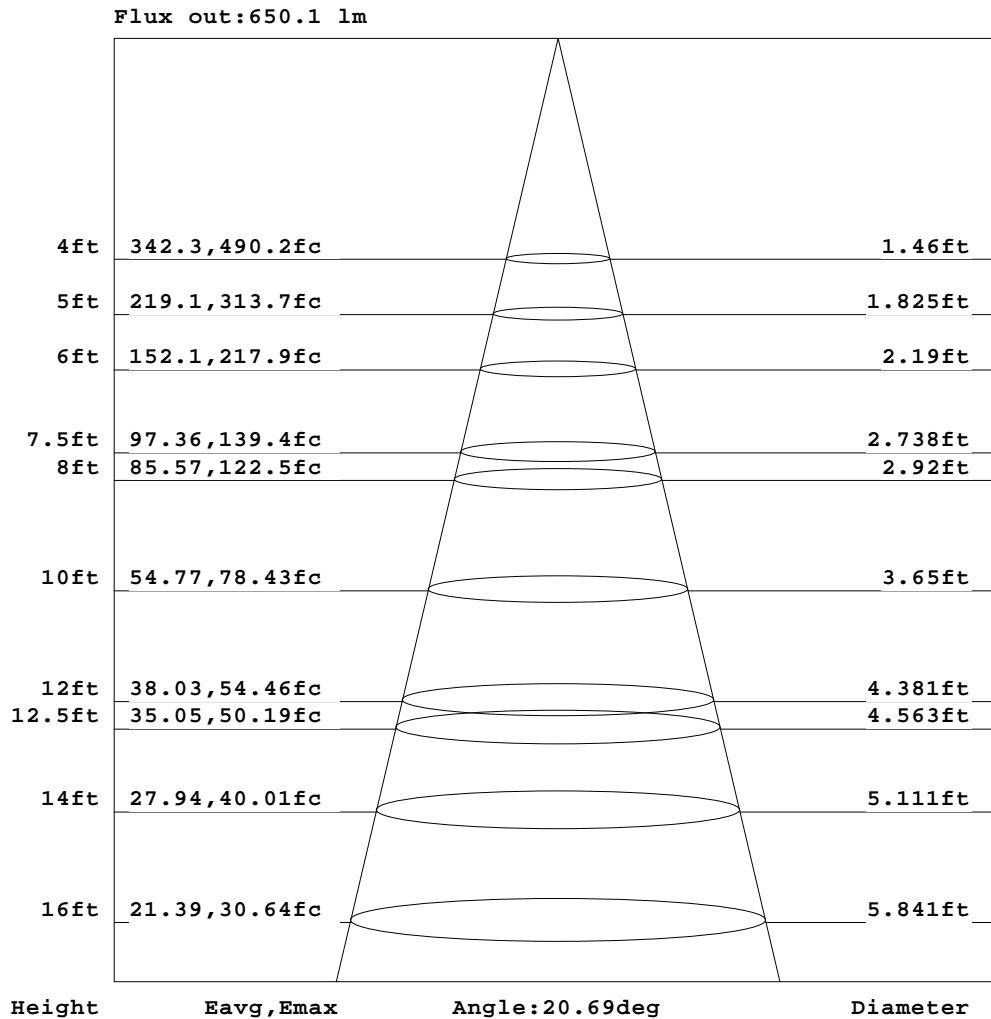


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-7-15

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
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Remarks: LAMP:BXRE-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

AAI Figure

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150903
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:



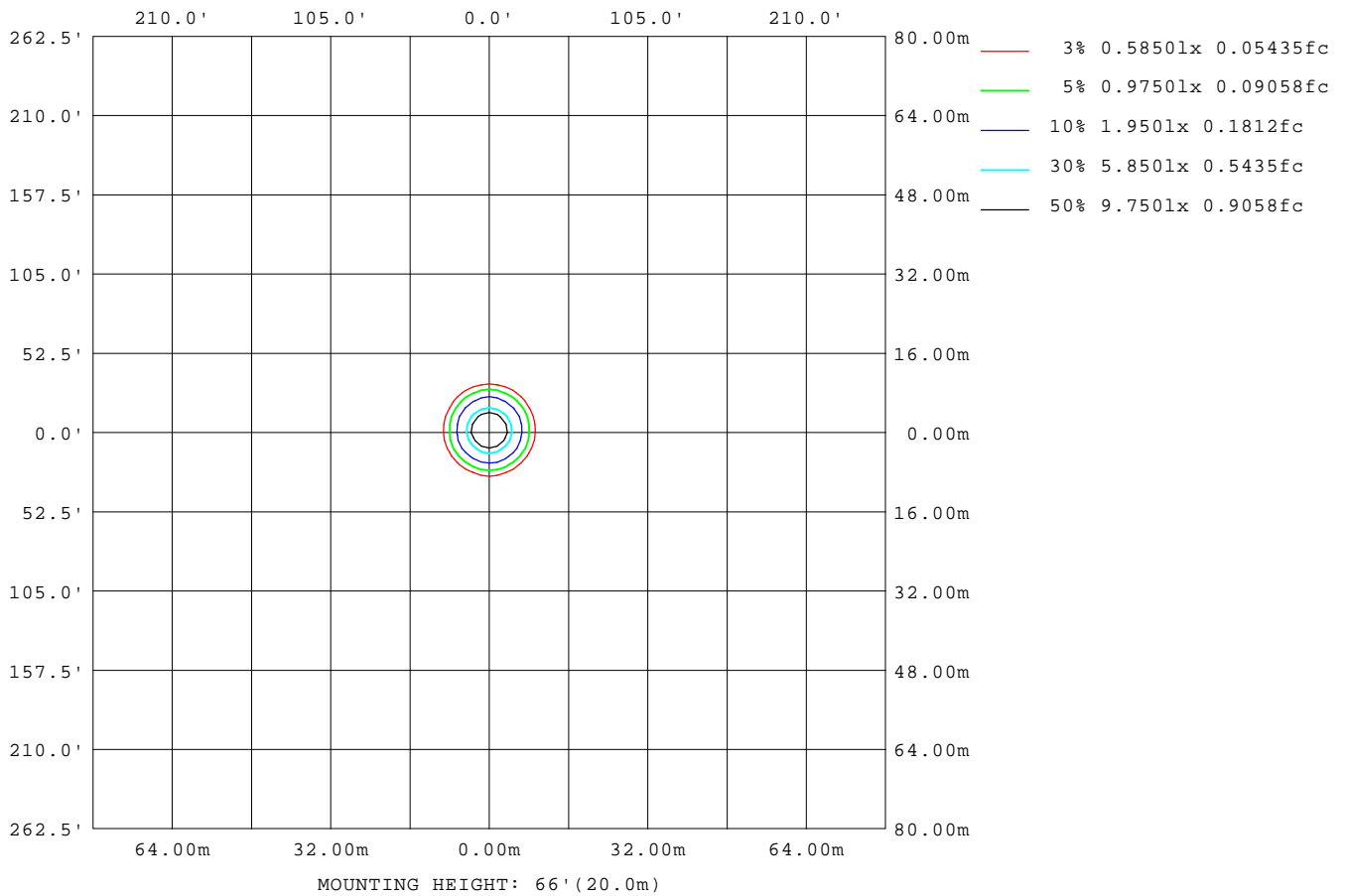
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2023-7-15

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-30G1000-A-83 Ra: 90
LENS: PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150903
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:zoe
Test Date:2023-7-15

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-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LED Avg.L Report

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150903
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

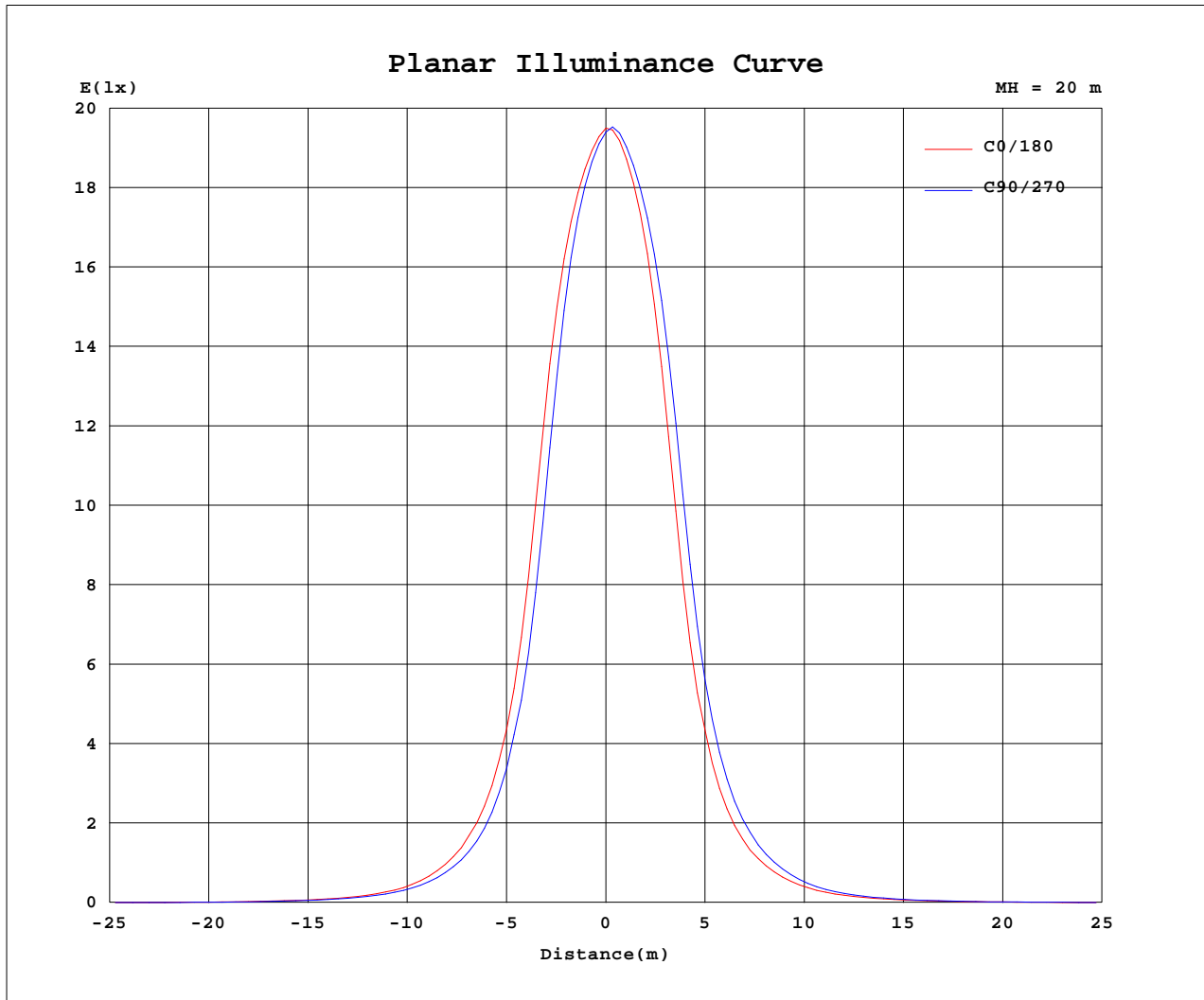
AvgL	cd/m2
L_0~180(65)av	541
L_0~180(75)av	255
L_0~180(85)av	101
L_90~270(65)av	525
L_90~270(75)av	195
L_90~270(85)av	69
L_45(65)av	511
L_45(75)av	225
L_45(85)av	34

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-7-15

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-30G1000-A-83 Ra:90
LENS:PM-1083-007 15R
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: 2023-7-15

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-30G1000-A-83 Ra:90
 LENS: PM-1083-007 15R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.1618A P:19.329W PF:0.9936 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150903
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	7770	7770	7770	7770	7770	7770	7770	7770	7770	7770	7770	7770						
5	6909	6766	6604	6576	6653	6824	6987	7134	7277	7283	7219	7082						
10	4174	3763	3383	3272	3367	3672	4116	4547	4970	5062	4914	4568						
15	1591	1430	1272	1235	1252	1376	1556	1766	2036	2052	2016	1776						
20	665	596	535	521	527	578	637	717	817	856	815	742						
25	296	264	241	236	240	262	286	318	365	378	367	331						
30	138	125	115	114	115	124	134	147	167	171	168	153						
35	68.8	63.0	58.6	57.4	58.6	62.9	67.0	72.9	81.8	84.7	82.4	75.5						
40	34.9	32.0	29.5	29.5	30.1	32.5	34.7	37.6	41.6	42.5	41.5	38.1						
45	16.8	15.0	13.5	13.7	14.5	15.9	17.6	19.2	21.2	21.3	20.6	18.7						
50	7.27	6.42	6.06	6.07	6.74	7.28	7.87	8.24	9.47	9.45	8.82	7.84						
55	4.99	4.40	4.03	3.99	4.62	5.05	5.45	5.26	5.96	5.64	5.40	4.96						
60	3.16	2.59	2.10	2.30	2.70	3.11	3.41	3.45	4.02	3.75	3.36	3.12						
65	1.28	1.03	0.91	0.97	1.08	1.33	1.62	1.67	1.94	1.85	1.60	1.46						
70	0.63	0.53	0.51	0.54	0.63	0.73	0.81	0.85	0.90	0.90	0.85	0.73						
75	0.36	0.28	0.22	0.22	0.29	0.41	0.48	0.51	0.43	0.42	0.41	0.41						
80	0.18	0.11	0.06	0.06	0.06	0.17	0.24	0.20	0.10	0.09	0.09	0.16						
85	0.06	0.03	0.03	0.05	0.02	0.02	0.05	0.02	0.02	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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