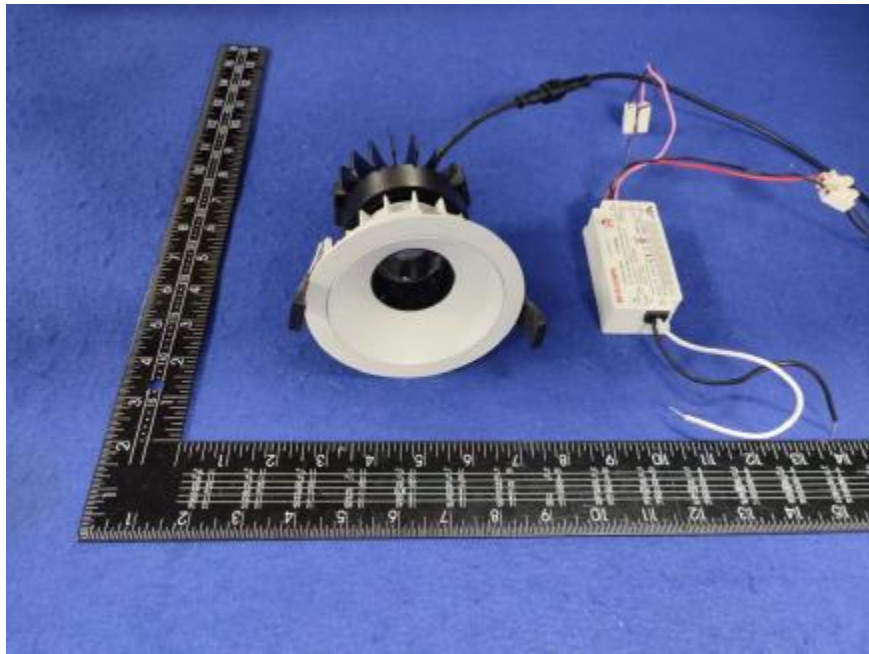


Luminaire Photograph



Light Output Ratio:	83.2%	
Luminaire Power:	19.69 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	fine grid method.

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

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

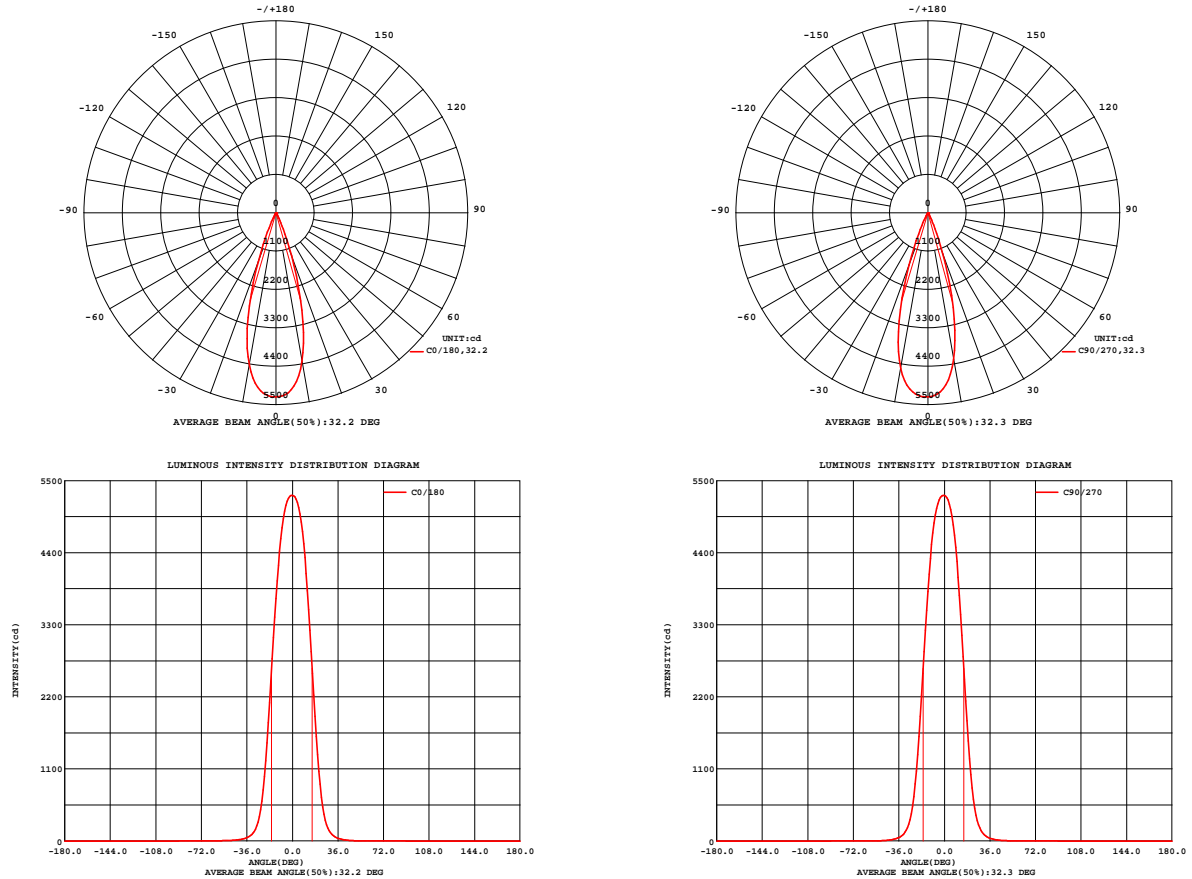


Fig. C0/C180

Fig. C90/C270

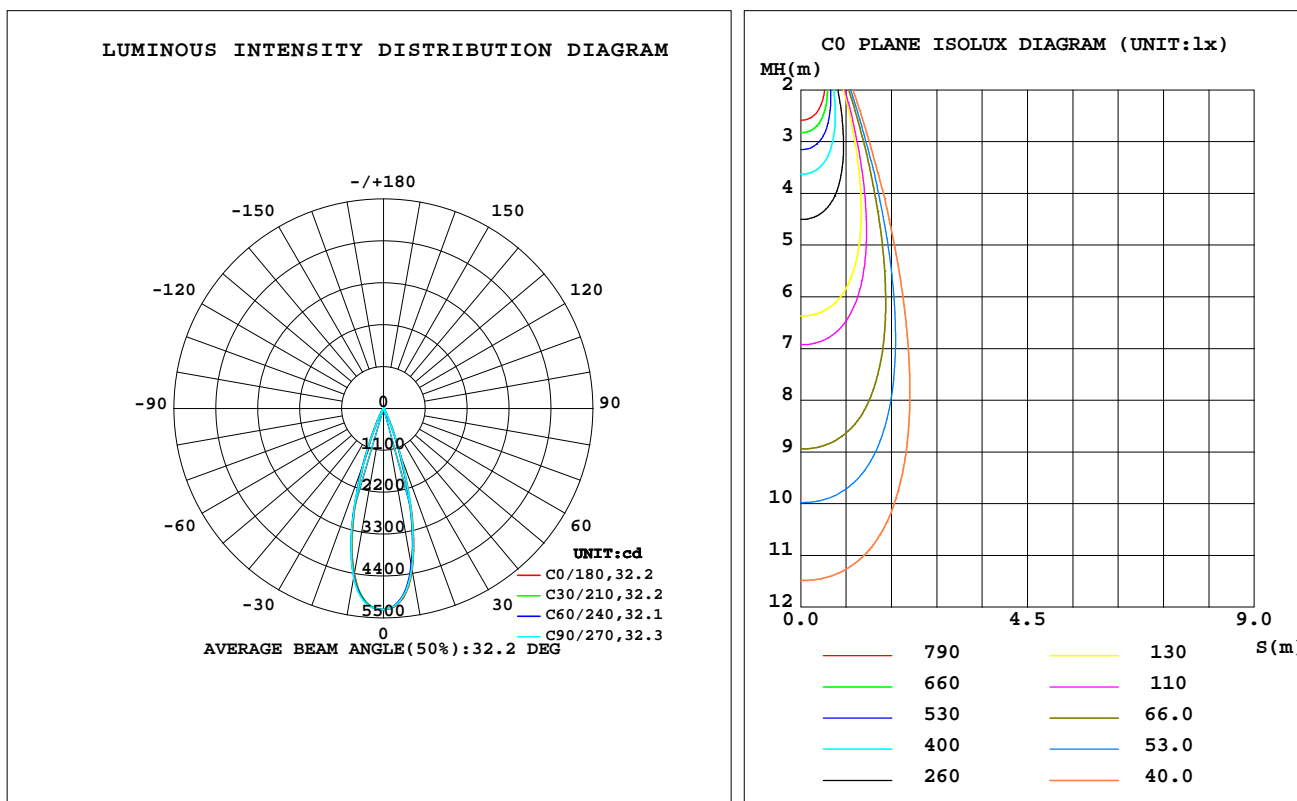
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-10

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310061210
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.20 lm/W			
MODEL	Bridgelux	I _{max} (cd)	5275	S/MH(C0/180)	0.51
NOMINAL POWER(W)	20	LOR(%)	83.2	S/MH(C90/270)	0.52
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1559.9	UP,DN(C0-180)	0.0,39.8
NOMINAL FLUX(lm)	1874.5	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,43.4
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	down(%)	83.2	CIBSE SHR MAX	0.50



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

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-1083A 24R
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	4326	4242	4265	4405	4424	4475	4524	4473	0- 10	465.2	465.2	29.8,24.8
20	1315	1248	1253	1393	1498	1607	1595	1480	10- 20	796.8	1262	80.9,67.3
30	129.8	130.3	129.4	137.5	145.8	172.9	162.8	142.2	20- 30	247.3	1509	96.8,80.5
40	21.32	21.55	21.63	22.87	26.69	27.10	26.60	22.97	30- 40	39.86	1549	99.3,82.6
50	3.721	4.078	4.098	4.163	8.151	4.772	4.580	4.293	40- 50	8.593	1558	99.9,83.1
60	0.6539	0.5627	0.4552	0.5770	0.6826	0.6504	0.6160	0.6359	50- 60	1.786	1559	100,83.2
70	0.1539	0.1198	0.1086	0.1156	0.1379	0.1192	0.1140	0.1208	60- 70	0.2553	1560	100,83.2
80	0.0962	0.0575	0.0645	0.0531	0.0849	0.0594	0.0696	0.0576	70- 80	0.0961	1560	100,83.2
90	0	0	0	0	0	0	0	0	80- 90	0.0414	1560	100,83.2
100	0	0	0	0	0	0	0	0	90-100	0	1560	100,83.2
110	0	0	0	0	0	0	0	0	100-110	0	1560	100,83.2
120	0	0	0	0	0	0	0	0	110-120	0	1560	100,83.2
130	0	0	0	0	0	0	0	0	120-130	0	1560	100,83.2
140	0	0	0	0	0	0	0	0	130-140	0	1560	100,83.2
150	0	0	0	0	0	0	0	0	140-150	0	1560	100,83.2
160	0	0	0	0	0	0	0	0	150-160	0	1560	100,83.2
170	0	0	0	0	0	0	0	0	160-170	0	1560	100,83.2
180	0	0	0	0	0	0	0	0	170-180	0	1560	100,83.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz
Lamp Flux:1874.5x1 lm

NAME: 2318.133-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

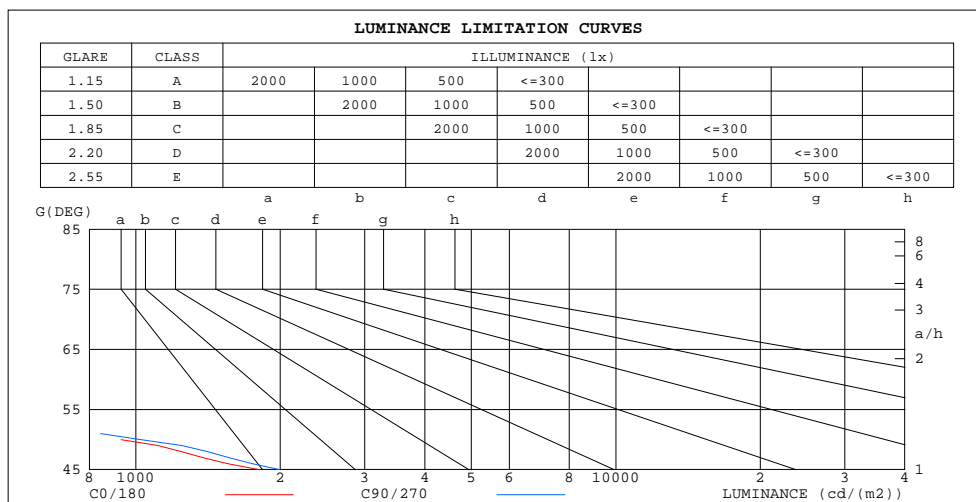
DIM.:

SERIAL No.: 2310061210

MFR.: RISE

SUR.: 0.006217985m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	116	84
80	89	60
75	76	53
70	72	51
65	97	70
60	210	146
55	405	318
50	932	1025
45	1814	2000

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

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz
Lamp Flux:1874.5x1 lm

NAME: 2318.133-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

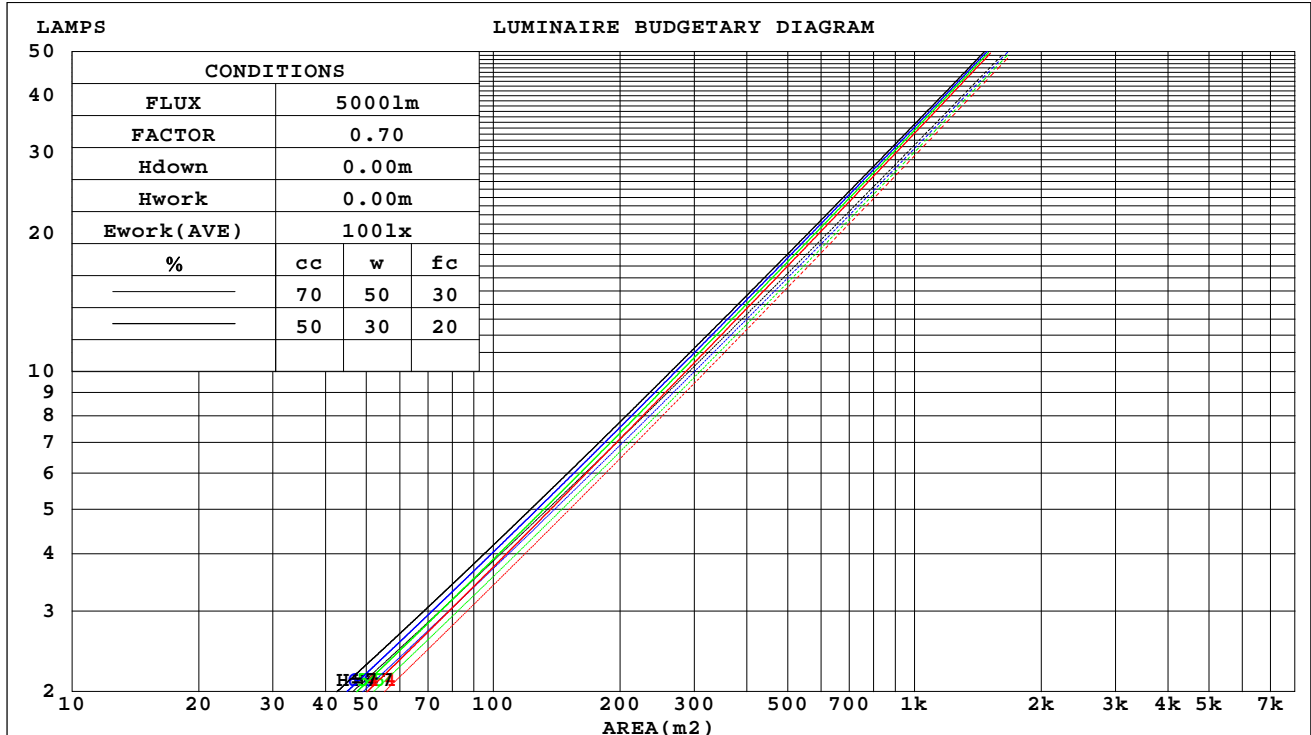
SERIAL No.: 2310061210

MFR.: RISE

SUR.: 0.006217985m2

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	.99	.99	.99	.97	.97	.97	.92	.92	.92	.89	.89	.89	.85	.85	.85	.83
1.0	.94	.92	.91	.92	.91	.89	.89	.88	.87	.86	.85	.84	.83	.82	.82	.80
2.0	.89	.87	.85	.88	.86	.84	.86	.84	.82	.83	.82	.80	.81	.80	.79	.78
3.0	.86	.83	.80	.85	.82	.80	.82	.80	.78	.81	.79	.77	.79	.77	.76	.75
4.0	.82	.79	.76	.81	.78	.76	.80	.77	.75	.78	.76	.74	.77	.75	.73	.72
5.0	.79	.76	.73	.78	.75	.73	.77	.74	.72	.76	.73	.72	.75	.73	.71	.70
6.0	.76	.73	.70	.76	.72	.70	.75	.72	.70	.74	.71	.69	.73	.70	.69	.68
7.0	.74	.70	.68	.73	.70	.68	.72	.69	.67	.71	.69	.67	.71	.68	.67	.66
8.0	.71	.68	.65	.71	.68	.65	.70	.67	.65	.69	.67	.65	.69	.66	.65	.64
9.0	.69	.66	.63	.69	.66	.63	.68	.65	.63	.68	.65	.63	.67	.65	.63	.62
10.0	.67	.64	.61	.67	.64	.61	.66	.63	.61	.66	.63	.61	.65	.63	.61	.60



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

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

WEC AND CCEC

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310061210
MFR.: RISE	SUR.: 0.006217985m2	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	.115	.065	.021	.109	.062	.020	.099	.057	.018	.089	.052	.017	.081	.047	.015		
2.0	.106	.058	.018	.102	.056	.017	.093	.052	.016	.085	.048	.015	.078	.044	.014		
3.0	.099	.053	.016	.095	.051	.015	.088	.048	.015	.082	.045	.014	.076	.042	.013		
4.0	.093	.048	.014	.090	.047	.014	.084	.045	.013	.078	.042	.013	.073	.040	.012		
5.0	.088	.045	.013	.085	.044	.013	.080	.042	.012	.075	.040	.012	.071	.038	.011		
6.0	.083	.042	.012	.081	.041	.012	.077	.039	.011	.073	.038	.011	.069	.036	.011		
7.0	.079	.039	.011	.077	.039	.011	.074	.037	.011	.070	.036	.010	.067	.035	.010		
8.0	.076	.037	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010	.065	.033	.010		
9.0	.073	.035	.010	.071	.035	.010	.068	.034	.010	.065	.033	.009	.063	.032	.009		
10.0	.070	.033	.009	.068	.033	.009	.066	.032	.009	.063	.031	.009	.061	.031	.009		

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	.159	.159	.159	.135	.135	.135	.092	.092	.092	.053	.053	.053	.017	.017	.017	
1.0	.140	.131	.123	.120	.113	.106	.082	.077	.073	.047	.045	.043	.015	.014	.014	
2.0	.125	.110	.098	.107	.095	.085	.073	.066	.059	.042	.038	.035	.014	.012	.011	
3.0	.113	.094	.080	.097	.081	.069	.066	.056	.048	.038	.033	.029	.012	.011	.009	
4.0	.102	.081	.066	.088	.070	.057	.060	.049	.040	.035	.029	.024	.011	.009	.008	
5.0	.094	.071	.055	.080	.062	.048	.055	.043	.034	.032	.025	.020	.010	.008	.007	
6.0	.086	.063	.046	.074	.055	.040	.051	.038	.028	.030	.022	.017	.010	.007	.006	
7.0	.080	.056	.039	.069	.049	.034	.048	.034	.024	.028	.020	.014	.009	.007	.005	
8.0	.075	.051	.034	.064	.044	.030	.045	.031	.021	.026	.018	.013	.008	.006	.004	
9.0	.070	.046	.029	.061	.040	.026	.042	.028	.018	.024	.017	.011	.008	.005	.004	
10.0	.066	.042	.026	.057	.036	.023	.040	.026	.016	.023	.015	.010	.007	.005	.003	

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

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm										
NAME: 2318.133-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310061210		
MFR.: RISE					SUR.: 0.006217985m2			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	2.0	2.6	2.2	2.8	2.9	1.8	2.5	2.0	2.6	2.8
3H	1.8	2.4	2.0	2.6	2.8	1.7	2.3	1.9	2.5	2.7
4H	1.7	2.3	2.0	2.5	2.7	1.6	2.2	1.8	2.4	2.6
6H	1.6	2.2	1.9	2.4	2.7	1.5	2.1	1.8	2.3	2.5
8H	1.6	2.1	1.9	2.4	2.6	1.5	2.0	1.8	2.2	2.5
12H	1.6	2.1	1.9	2.3	2.6	1.4	1.9	1.7	2.2	2.5
4H 2H	1.7	2.3	2.0	2.5	2.7	1.6	2.2	1.9	2.4	2.6
3H	1.6	2.1	1.9	2.3	2.6	1.4	1.9	1.7	2.2	2.5
4H	1.5	1.9	1.8	2.2	2.5	1.3	1.8	1.7	2.1	2.4
6H	1.4	1.8	1.7	2.1	2.4	1.2	1.6	1.6	2.0	2.3
8H	1.3	1.7	1.7	2.0	2.4	1.2	1.6	1.6	1.9	2.3
12H	1.3	1.6	1.7	2.0	2.4	1.1	1.5	1.5	1.8	2.2
8H 4H	1.3	1.7	1.7	2.0	2.4	1.2	1.6	1.6	1.9	2.3
6H	1.2	1.5	1.6	1.9	2.3	1.1	1.4	1.5	1.8	2.2
8H	1.1	1.4	1.6	1.8	2.3	1.0	1.3	1.4	1.7	2.1
12H	1.1	1.3	1.5	1.8	2.2	0.9	1.2	1.4	1.6	2.1
12H 4H	1.3	1.6	1.7	2.0	2.4	1.1	1.5	1.5	1.8	2.2
6H	1.1	1.4	1.6	1.8	2.3	1.0	1.3	1.4	1.7	2.1
8H	1.1	1.3	1.5	1.8	2.2	0.9	1.2	1.4	1.6	2.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.6 / -13.3					+ 3.6 / -14.5				
1.5H	+ 5.9 / -11.0					+ 5.8 / -11.6				
2.0H	+ 5.9 / - 9.6					+ 6.4 / -11.1				

CIE Pub.117, 1875 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)
Area: 0.00621798 m2

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

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310061210
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

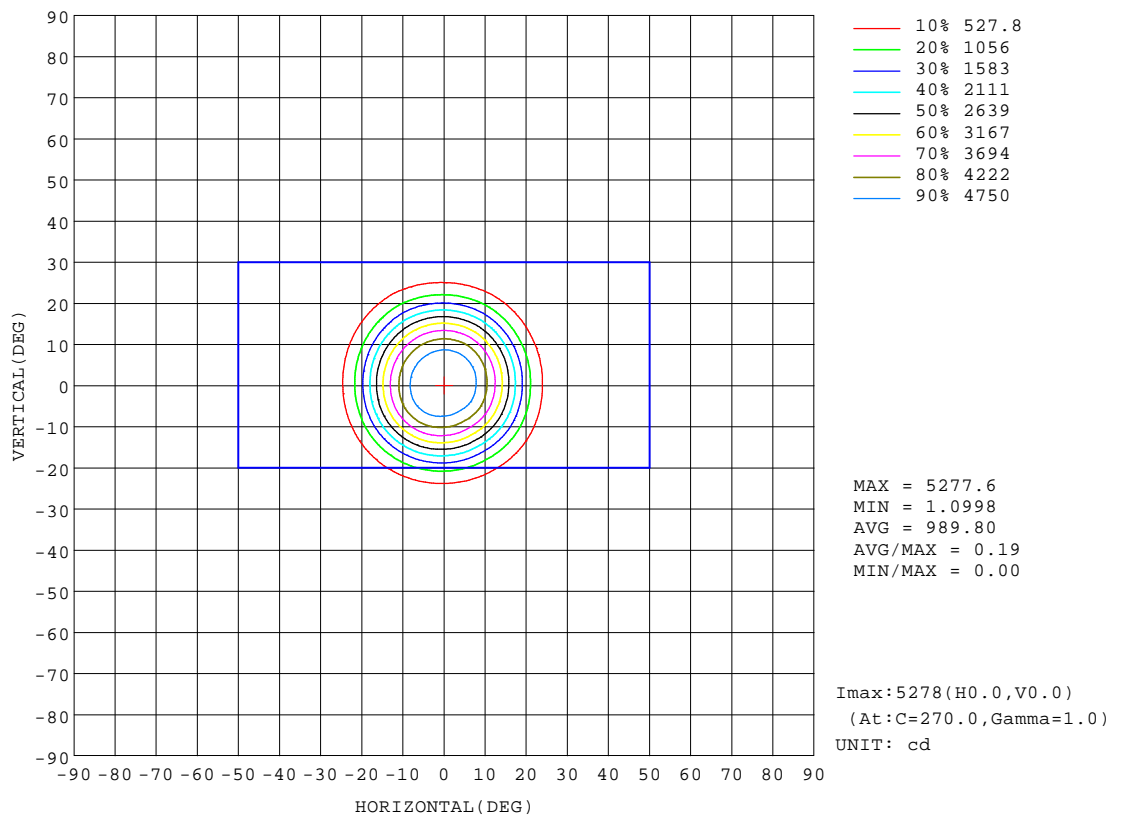
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	76	71	68	75	71	68	75	71	68	65
0.80	82	77	75	81	77	74	80	77	74	71
1.00	85	81	78	84	80	78	83	80	77	74
1.25	88	84	81	87	83	81	85	82	80	77
1.50	90	86	84	89	86	83	87	84	82	79
2.00	91	88	86	90	87	85	88	86	84	80
2.50	93	90	88	91	89	87	89	87	85	81
3.00	94	91	89	92	90	88	90	88	86	81
4.00	95	93	92	94	92	90	91	89	88	83
5.00	96	95	93	95	93	92	91	90	89	83
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:2023-10-10

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310061210
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

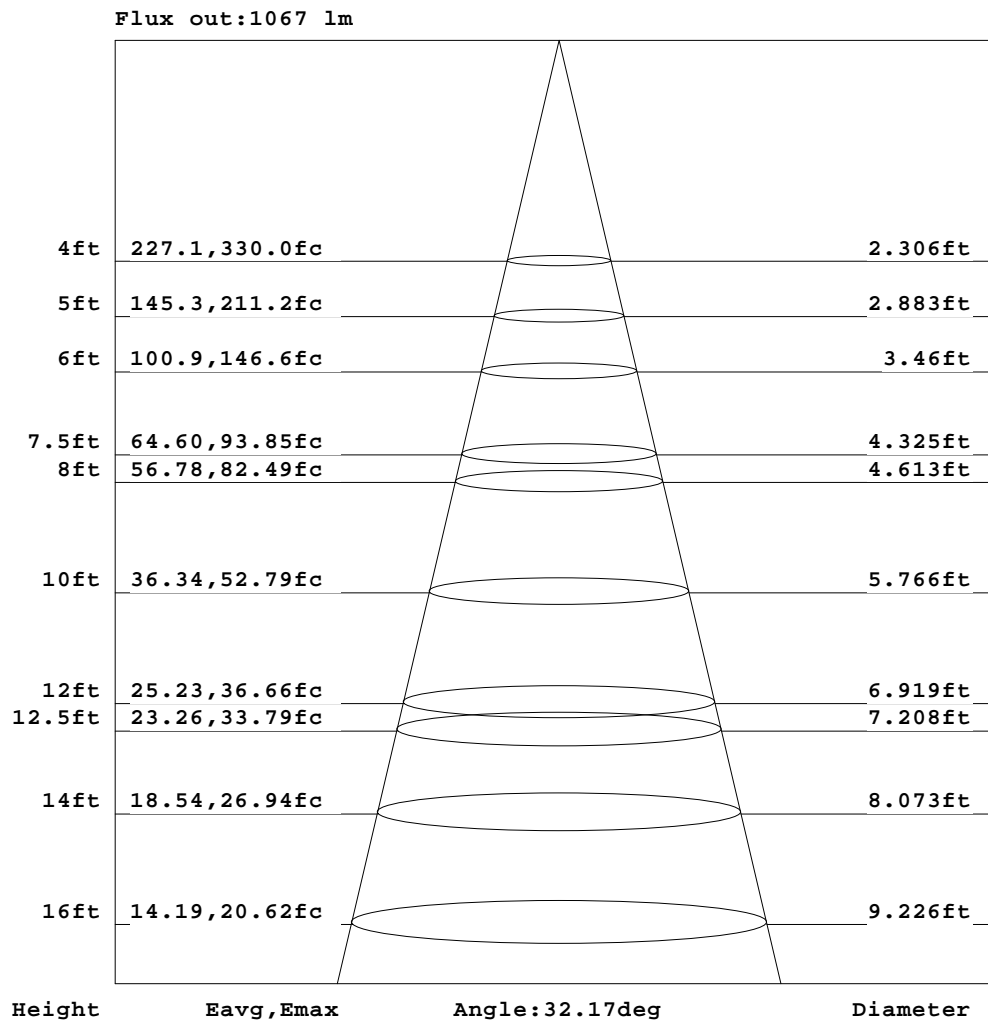


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
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Range: 0 - 180DEG
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Remarks: LAMP:BXRE-30G1000-A-83 Ra:90
LENS:PM-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

AAI Figure

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310061210
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



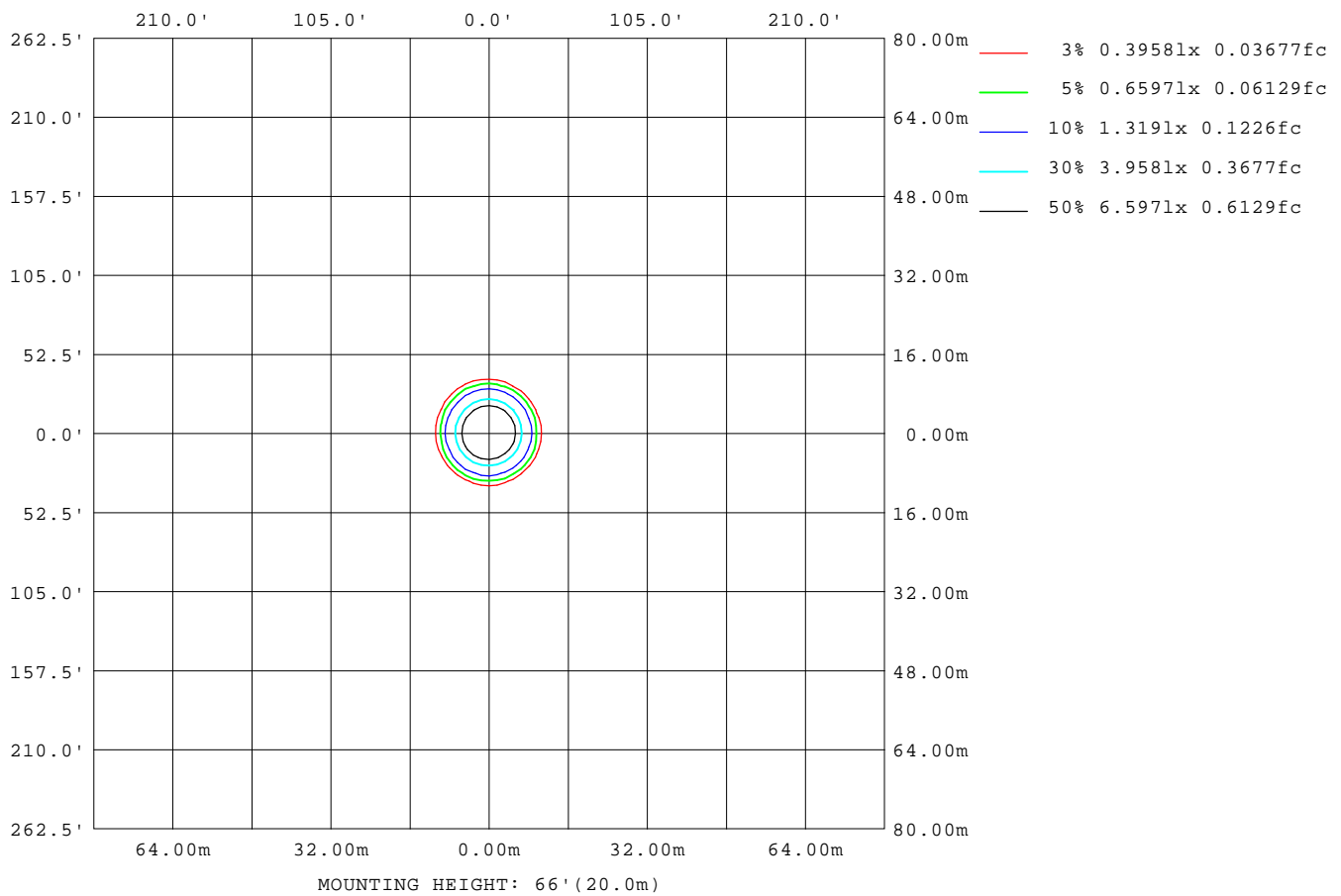
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310061210
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



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

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LED Avg.L Report

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310061210
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

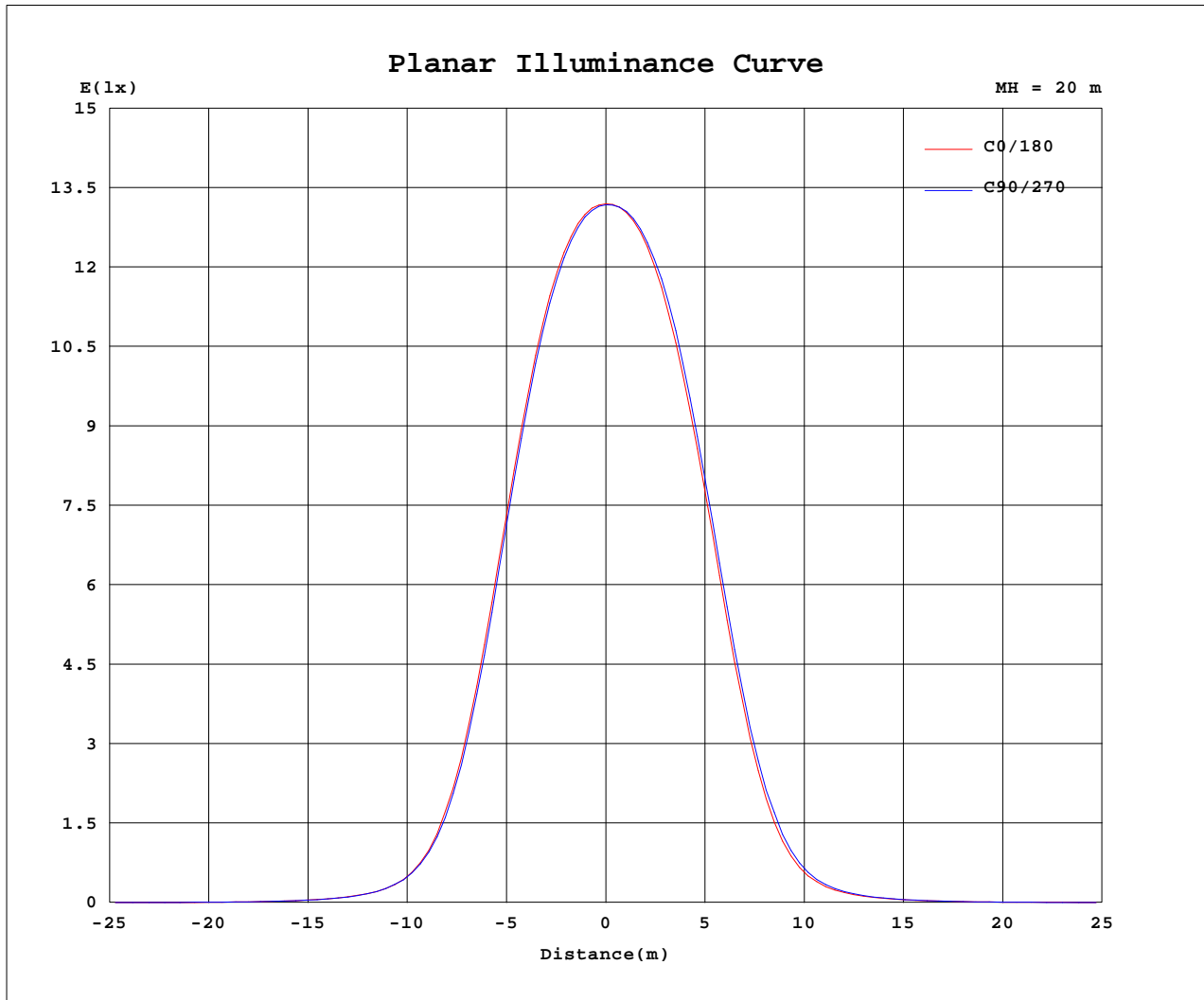
AvgL	cd/m2
L_0~180(65)av	93
L_0~180(75)av	71
L_0~180(85)av	111
L_90~270(65)av	72
L_90~270(75)av	55
L_90~270(85)av	87
L_45(65)av	82
L_45(75)av	52
L_45(85)av	47

Standard: GB/T 29293-2012

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

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-1083A 24R
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: 2023-10-10

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-1083A 24R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310061210
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	5274	5274	5274	5274	5274	5274	5274	5274	5274	5274	5274	5274						
5	5086	5062	5037	5058	5095	5123	5121	5116	5139	5148	5144	5117						
10	4326	4282	4202	4265	4373	4438	4424	4455	4494	4524	4514	4432						
15	2891	2835	2740	2810	2958	3073	3105	3159	3219	3214	3169	3030						
20	1315	1291	1205	1253	1345	1441	1498	1573	1640	1595	1550	1410						
25	406	408	384	394	421	450	476	526	569	530	500	435						
30	130	133	127	129	133	142	146	166	180	163	151	134						
35	52.3	52.5	51.0	51.4	52.8	57.0	59.1	64.8	68.5	63.5	58.3	53.0						
40	21.3	21.7	21.4	21.6	21.6	24.1	26.7	26.7	27.5	26.6	24.1	21.9						
45	7.97	8.64	8.98	8.80	8.68	9.79	12.9	11.0	11.1	11.0	9.77	8.92						
50	3.72	4.10	4.05	4.10	3.73	4.60	8.15	5.03	4.51	4.58	4.42	4.16						
55	1.44	1.30	1.22	1.14	1.31	1.69	5.25	1.82	1.53	1.40	1.43	1.48						
60	0.65	0.63	0.50	0.46	0.50	0.65	0.68	0.68	0.62	0.62	0.63	0.65						
65	0.26	0.23	0.20	0.18	0.20	0.23	0.23	0.23	0.21	0.20	0.20	0.24						
70	0.15	0.13	0.11	0.11	0.10	0.13	0.14	0.13	0.11	0.11	0.11	0.13						
75	0.12	0.10	0.08	0.09	0.08	0.09	0.11	0.09	0.08	0.09	0.08	0.09						
80	0.10	0.06	0.05	0.06	0.05	0.06	0.08	0.06	0.06	0.07	0.05	0.06						
85	0.06	0.03	0.03	0.05	0.03	0.03	0.06	0.03	0.03	0.05	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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