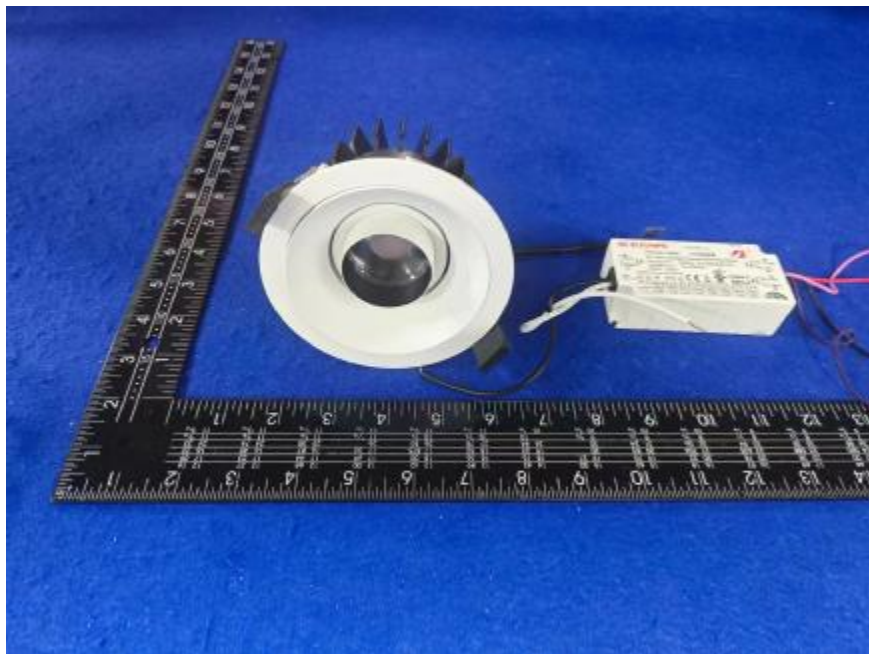


Luminaire Photograph



Light Output Ratio:	73.4%	
Luminaire Power:	19.34 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.80	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

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

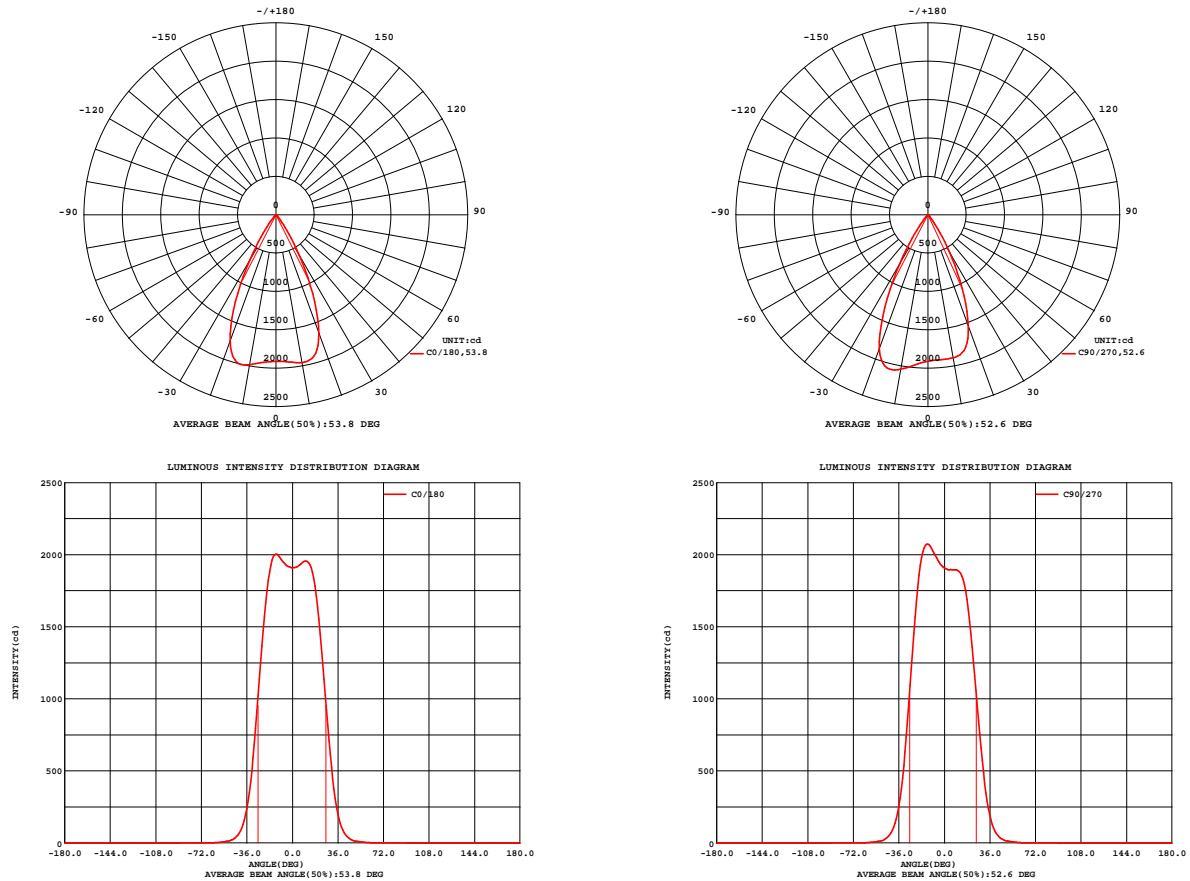


Fig. C0/C180

Fig. C90/C270

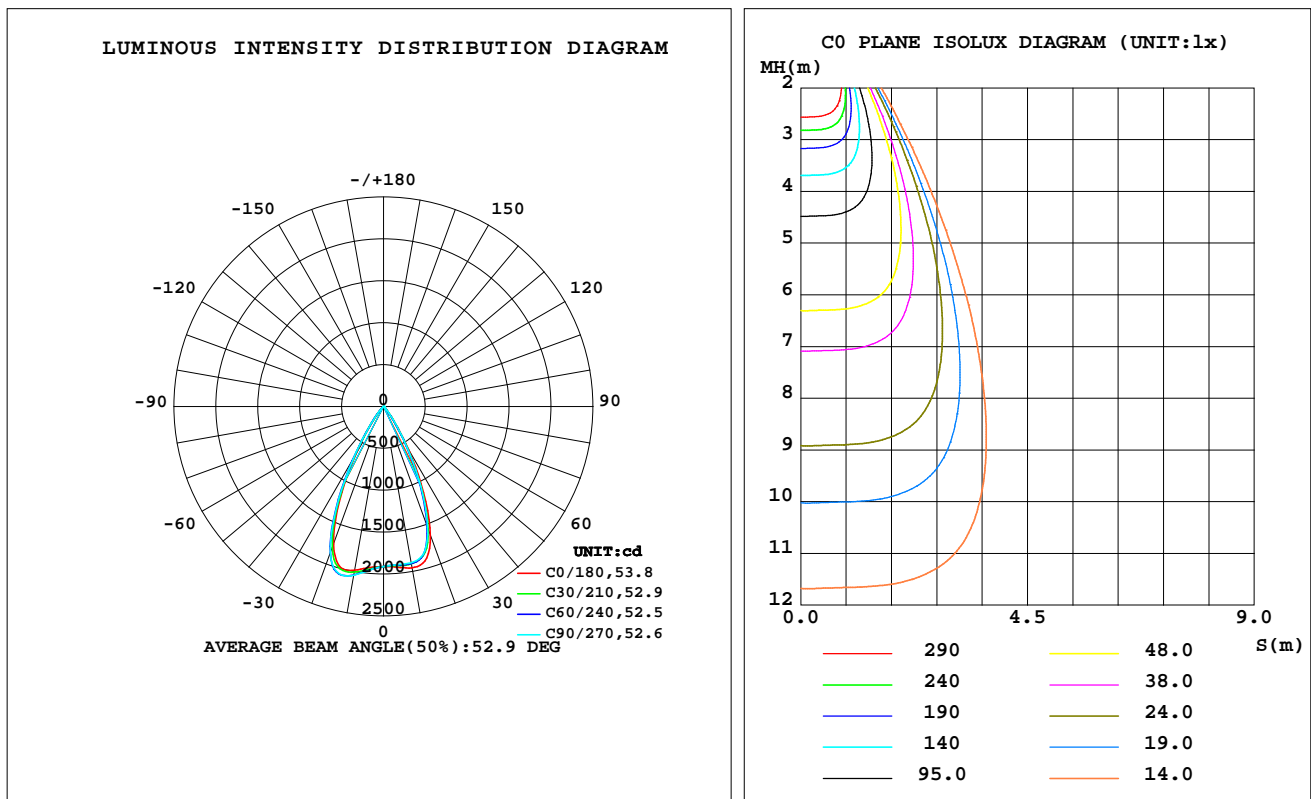
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-7-15

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150906
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.32 lm/W			
MODEL	Bridgelux	I _{max} (cd)	2074	S/MH(C0/180)	0.81
NOMINAL POWER(W)	20	LOR(%)	73.4	S/MH(C90/270)	0.82
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1476.0	η UP,DN(C0-180)	0.0,34.5
NOMINAL FLUX(lm)	2011.9	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,38.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	73.4	CIBSE SHR MAX	0.80



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

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-1083C 50R
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	1955	1906	1893	1917	1984	2024	2044	2003	0- 10	185.3	185.3	12.6,9.21
20	1637	1539	1539	1632	1750	1827	1857	1749	10- 20	534.7	720.0	48.8,35.8
30	612.0	557.5	571.1	625.7	685.0	728.3	736.2	669.6	20- 30	533.2	1253	84.9,62.3
40	89.77	79.66	84.19	91.00	103.1	110.4	109.3	96.68	30- 40	184.4	1438	97.4,71.5
50	13.25	12.74	13.42	13.92	14.88	15.12	14.75	13.68	40- 50	30.60	1468	99.5,73
60	2.825	2.593	2.507	2.642	2.809	2.946	2.978	2.893	50- 60	6.582	1475	99.9,73.3
70	0.4311	0.3948	0.3745	0.3884	0.4014	0.4151	0.4369	0.4239	60- 70	1.085	1476	100,73.4
80	0.1175	0.0619	0.0424	0.0624	0.1200	0.0751	0.0484	0.0731	70- 80	0.2290	1476	100,73.4
90	0	0	0	0	0	0	0	0	80- 90	0.0312	1476	100,73.4
100	0	0	0	0	0	0	0	0	90-100	0	1476	100,73.4
110	0	0	0	0	0	0	0	0	100-110	0	1476	100,73.4
120	0	0	0	0	0	0	0	0	110-120	0	1476	100,73.4
130	0	0	0	0	0	0	0	0	120-130	0	1476	100,73.4
140	0	0	0	0	0	0	0	0	130-140	0	1476	100,73.4
150	0	0	0	0	0	0	0	0	140-150	0	1476	100,73.4
160	0	0	0	0	0	0	0	0	150-160	0	1476	100,73.4
170	0	0	0	0	0	0	0	0	160-170	0	1476	100,73.4
180	0	0	0	0	0	0	0	0	170-180	0	1476	100,73.4
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

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz
Lamp Flux:2011.9x1 lm

NAME: 2118.193-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

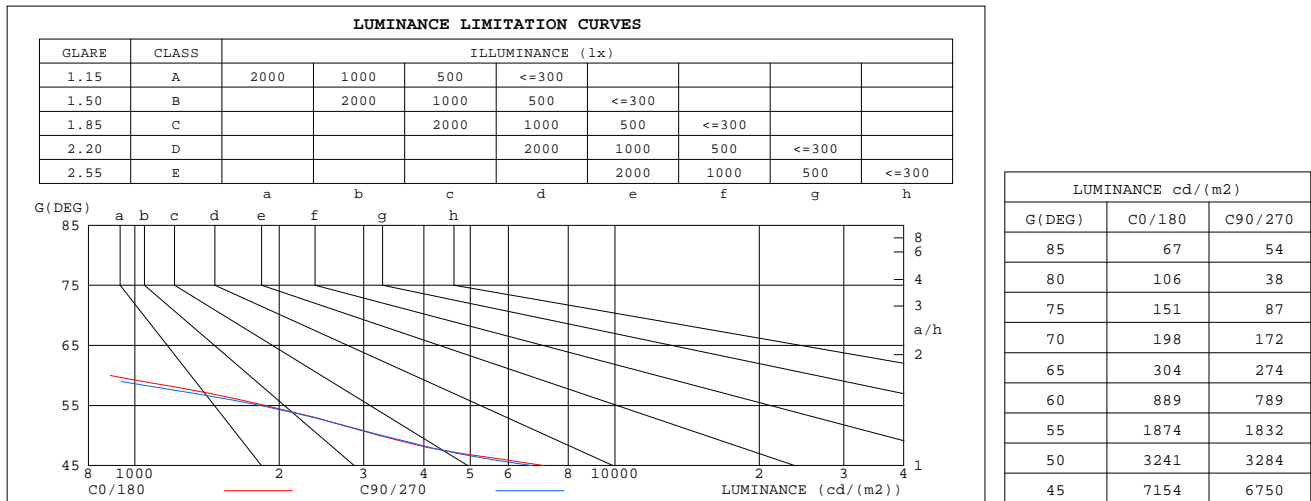
DIM.:

SERIAL No.: 2307150906

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

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz
Lamp Flux:2011.9x1 lm

NAME: 2118.193-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

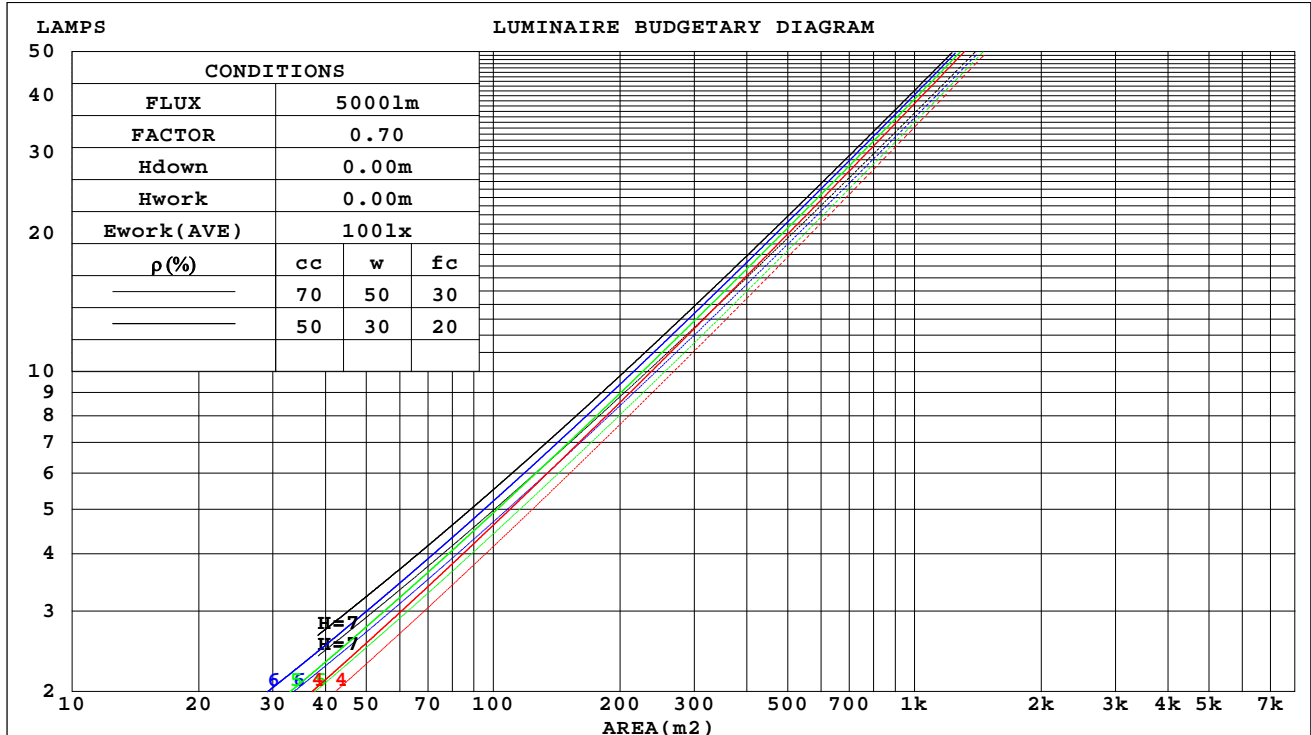
SERIAL No.: 2307150906

MFR.: RISE

SUR.: 0.0063585m2

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	.87	.87	.87	.85	.85	.85	.82	.82	.82	.78	.78	.78	.75	.75	.75	.73
1.0	.82	.80	.79	.80	.79	.77	.77	.76	.75	.75	.74	.73	.72	.71	.71	.69
2.0	.77	.74	.72	.75	.73	.71	.73	.71	.69	.71	.69	.68	.69	.68	.67	.65
3.0	.72	.69	.66	.71	.68	.66	.69	.67	.65	.68	.65	.64	.66	.64	.63	.62
4.0	.68	.64	.62	.67	.64	.61	.66	.63	.61	.64	.62	.60	.63	.61	.59	.58
5.0	.64	.60	.58	.64	.60	.57	.62	.59	.57	.61	.58	.56	.60	.58	.56	.55
6.0	.61	.57	.54	.60	.57	.54	.59	.56	.54	.58	.55	.53	.57	.55	.53	.52
7.0	.58	.54	.51	.57	.53	.51	.56	.53	.51	.55	.52	.50	.55	.52	.50	.49
8.0	.55	.51	.48	.54	.51	.48	.54	.50	.48	.53	.50	.48	.52	.49	.47	.46
9.0	.52	.48	.46	.52	.48	.45	.51	.48	.45	.51	.47	.45	.50	.47	.45	.44
10.0	.50	.46	.43	.49	.46	.43	.49	.45	.43	.48	.45	.43	.48	.45	.43	.42



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

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

WEC AND CCEC

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150906
MFR.: RISE	SUR.: 0.0063585m2	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	.121	.069	.022	.116	.066	.021	.106	.061	.019	.098	.057	.018	.090	.052	.017	
2.0	.114	.063	.019	.110	.061	.019	.103	.057	.018	.096	.054	.017	.089	.050	.016	
3.0	.109	.058	.017	.105	.056	.017	.099	.053	.016	.093	.051	.016	.087	.048	.015	
4.0	.103	.054	.016	.100	.053	.016	.095	.050	.015	.090	.048	.015	.085	.046	.014	
5.0	.099	.050	.015	.096	.049	.014	.091	.047	.014	.087	.046	.014	.082	.044	.013	
6.0	.094	.047	.014	.092	.046	.013	.088	.045	.013	.084	.044	.013	.080	.042	.013	
7.0	.090	.045	.013	.088	.044	.013	.084	.043	.012	.081	.041	.012	.078	.040	.012	
8.0	.086	.042	.012	.085	.042	.012	.081	.041	.012	.078	.040	.011	.075	.039	.011	
9.0	.083	.040	.011	.081	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011	
10.0	.080	.038	.011	.078	.038	.011	.076	.037	.010	.073	.036	.010	.071	.036	.010	

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	.140	.140	.140	.119	.119	.119	.082	.082	.082	.047	.047	.047	.015	.015	.015		
1.0	.125	.115	.107	.107	.099	.092	.073	.068	.064	.042	.039	.037	.013	.013	.012		
2.0	.113	.097	.084	.097	.084	.073	.066	.058	.051	.038	.034	.030	.012	.011	.010		
3.0	.103	.083	.067	.089	.072	.058	.061	.050	.041	.035	.029	.024	.011	.009	.008		
4.0	.095	.072	.055	.082	.062	.047	.056	.044	.033	.033	.026	.020	.010	.008	.006		
5.0	.089	.064	.045	.076	.055	.039	.053	.038	.028	.030	.023	.016	.010	.007	.005		
6.0	.083	.057	.038	.071	.049	.033	.049	.034	.023	.029	.020	.014	.009	.007	.005		
7.0	.078	.051	.032	.067	.044	.028	.047	.031	.020	.027	.018	.012	.009	.006	.004		
8.0	.074	.046	.027	.064	.040	.024	.044	.028	.017	.026	.017	.010	.008	.005	.003		
9.0	.070	.043	.024	.061	.037	.021	.042	.026	.015	.024	.015	.009	.008	.005	.003		
10.0	.067	.039	.021	.058	.034	.018	.040	.024	.013	.023	.014	.008	.008	.005	.003		

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

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz Lamp Flux:2011.9x1 lm										
NAME: 2118.193-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2307150906		
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	12.3	13.1	12.5	13.3	13.5	11.9	12.8	12.1	12.9	13.1
3H	12.1	12.9	12.4	13.1	13.3	11.7	12.5	12.0	12.7	12.9
4H	12.0	12.8	12.3	13.0	13.2	11.6	12.4	11.9	12.6	12.8
6H	11.9	12.6	12.2	12.9	13.1	11.6	12.3	11.8	12.5	12.7
8H	11.9	12.6	12.2	12.8	13.1	11.5	12.2	11.8	12.4	12.7
12H	11.8	12.5	12.2	12.8	13.0	11.5	12.1	11.8	12.4	12.6
4H 2H	12.0	12.8	12.3	13.0	13.2	11.6	12.4	11.9	12.6	12.8
3H	11.8	12.5	12.2	12.8	13.0	11.5	12.1	11.8	12.4	12.7
4H	11.8	12.3	12.1	12.6	12.9	11.4	12.0	11.7	12.3	12.6
6H	11.7	12.2	12.0	12.5	12.8	11.3	11.8	11.7	12.1	12.5
8H	11.6	12.1	12.0	12.4	12.8	11.2	11.7	11.6	12.1	12.4
12H	11.5	12.0	12.0	12.4	12.7	11.2	11.6	11.6	12.0	12.4
8H 4H	11.6	12.1	12.0	12.4	12.8	11.2	11.7	11.6	12.1	12.4
6H	11.5	11.9	11.9	12.3	12.7	11.1	11.5	11.5	11.9	12.3
8H	11.4	11.8	11.9	12.2	12.6	11.1	11.4	11.5	11.8	12.3
12H	11.4	11.7	11.8	12.1	12.6	11.0	11.3	11.5	11.7	12.2
12H 4H	11.5	12.0	12.0	12.4	12.7	11.2	11.6	11.6	12.0	12.4
6H	11.4	11.8	11.9	12.2	12.6	11.1	11.4	11.5	11.8	12.3
8H	11.4	11.7	11.8	12.1	12.6	11.0	11.3	11.5	11.7	12.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.3 / -12.9					+ 4.3 / -13.0				
1.5H	+ 6.7 / - 9.6					+ 6.6 / - 9.5				
2.0H	+ 6.5 / -10.5					+ 6.4 / -11.1				

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

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150906
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

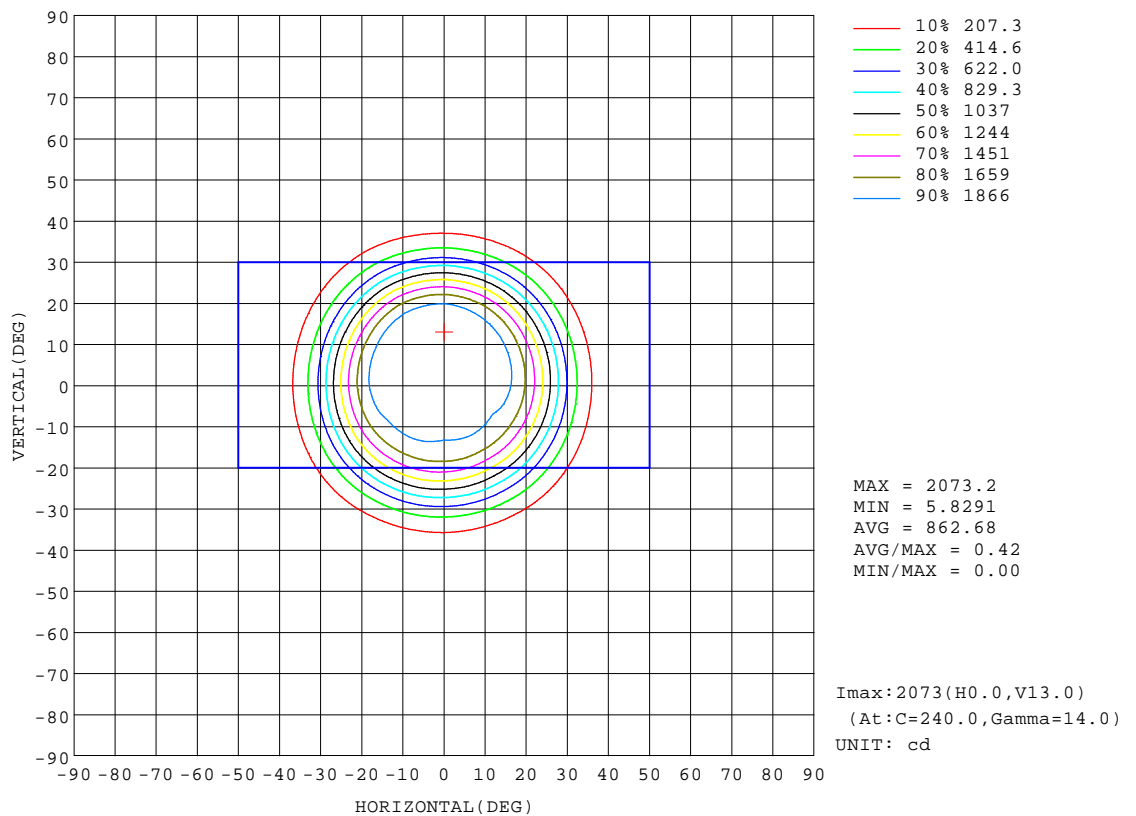
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	66	62	59	66	62	59	65	61	59	56
0.80	71	67	65	71	67	65	70	67	64	62
1.00	74	70	68	74	70	68	72	70	67	65
1.25	77	73	71	76	73	71	75	72	70	67
1.50	79	75	73	78	75	73	76	74	72	69
2.00	80	78	75	79	77	75	77	75	74	70
2.50	81	79	77	80	78	76	78	76	75	71
3.00	82	80	78	81	79	78	79	77	76	71
4.00	84	82	81	82	81	80	80	79	78	72
5.00	85	83	82	83	82	81	80	79	79	73
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

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150906
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

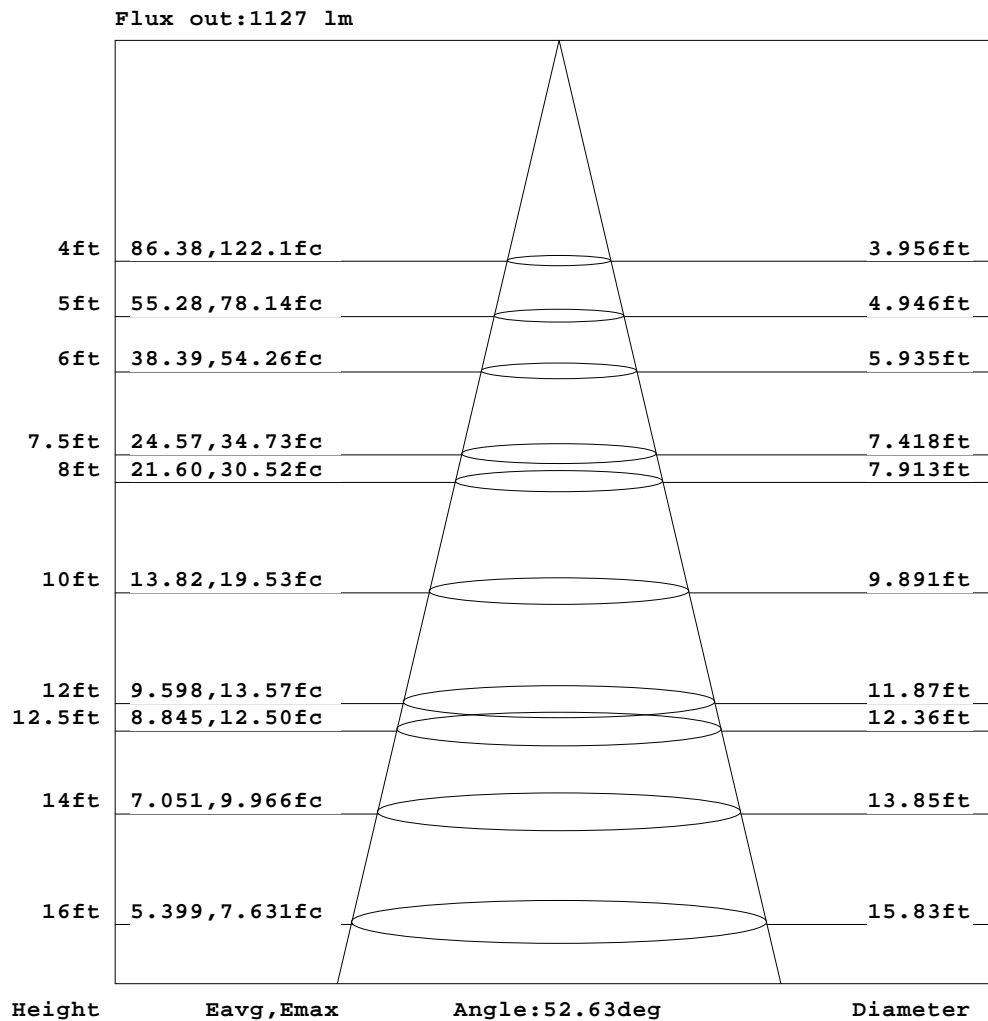


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-7-15

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

AAI Figure

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150906
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:



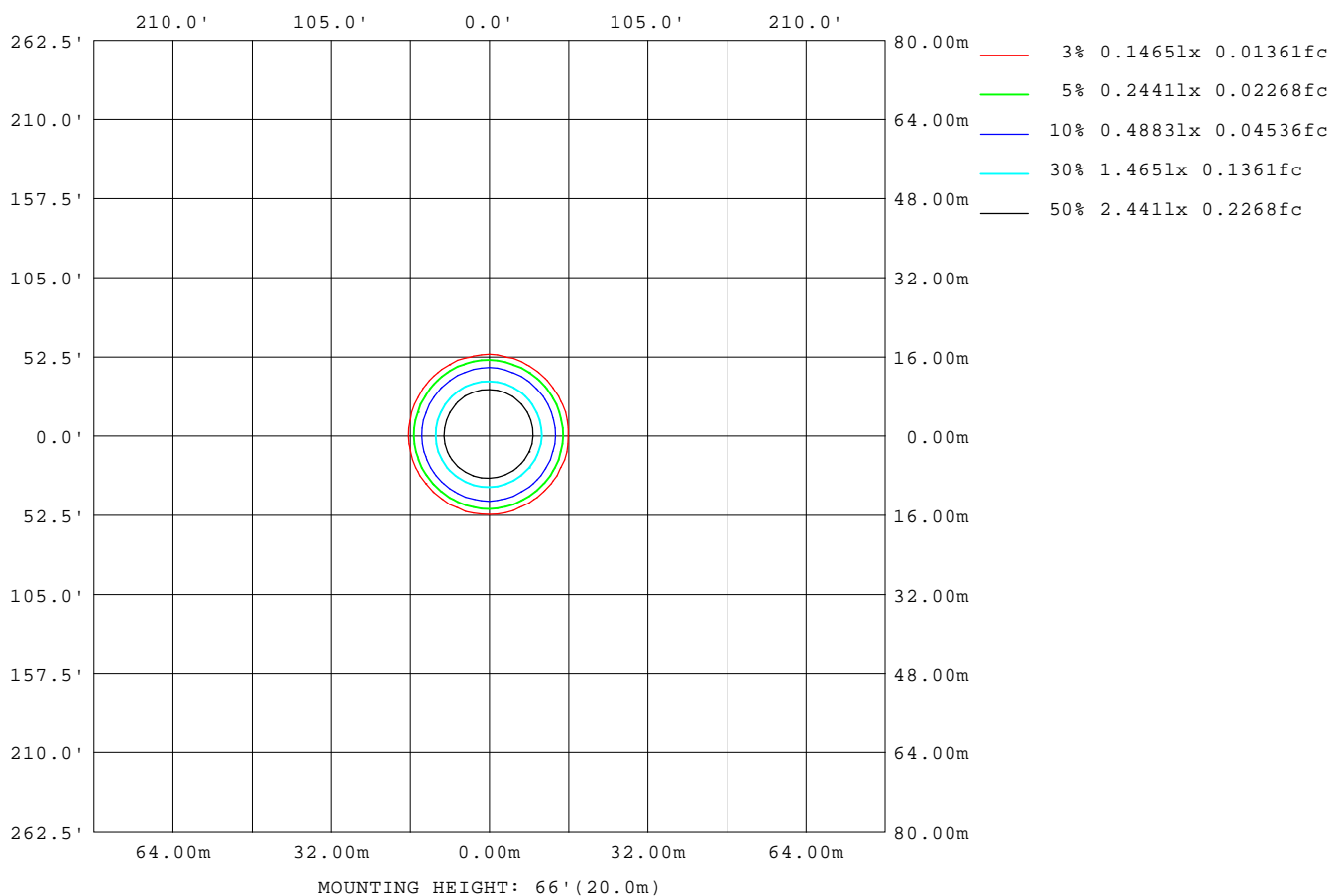
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150906
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

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LED Avg.L Report

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150906
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

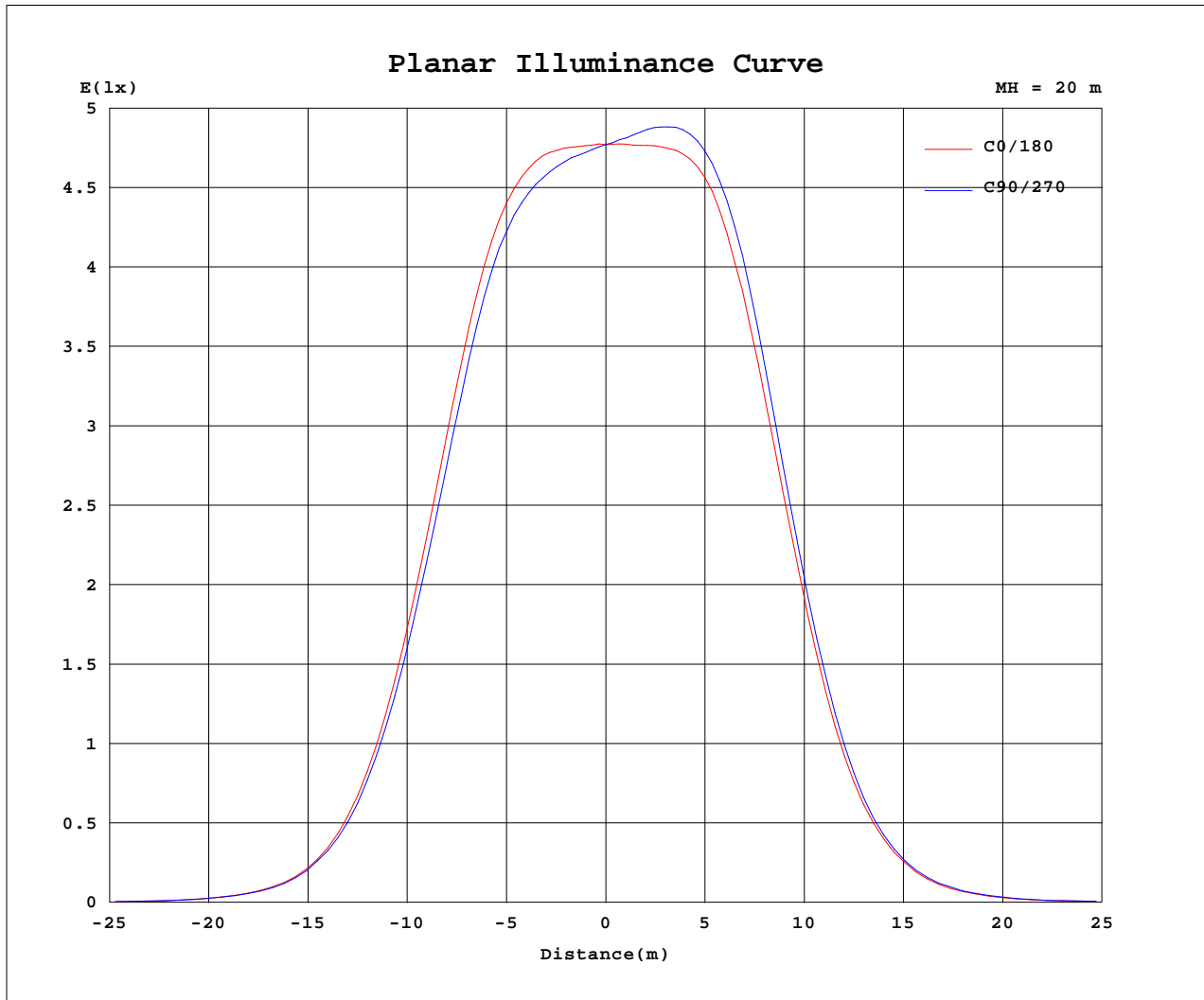
AvgL	cd/m2
L_0~180(65)av	310
L_0~180(75)av	147
L_0~180(85)av	66
L_90~270(65)av	321
L_90~270(75)av	103
L_90~270(85)av	46
L_45(65)av	306
L_45(75)av	124
L_45(85)av	29

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

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-1083C 50R
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

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-1083C 50R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.08V I:0.1619A P:19.340W PF:0.9937 Freq:59.98Hz Lamp Flux:2011.9x1 lm		
NAME: 2118.193-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2307150906
MFR.: RISE	SUR.: 0.0063585m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909						
5	1924	1907	1901	1897	1898	1909	1929	1947	1959	1962	1953	1940						
10	1955	1907	1904	1893	1909	1926	1984	2008	2040	2044	2016	1991						
15	1910	1842	1832	1829	1862	1896	1988	2006	2068	2064	2011	1960						
20	1637	1561	1517	1539	1591	1674	1750	1794	1859	1857	1793	1705						
25	1135	1068	1031	1058	1120	1200	1253	1294	1354	1333	1283	1195						
30	612	567	548	571	602	649	685	708	748	736	695	644						
35	252	232	222	237	246	271	292	302	319	310	288	266						
40	89.8	80.7	78.7	84.2	87.8	94.2	103	107	114	109	101	92.4						
45	32.2	30.0	28.5	30.3	30.8	33.3	36.2	37.9	40.2	38.9	36.7	33.7						
50	13.2	12.8	12.7	13.4	13.6	14.3	14.9	15.0	15.2	14.8	14.0	13.3						
55	6.84	6.61	6.43	6.68	6.79	7.08	7.40	7.47	7.57	7.43	7.27	7.03						
60	2.83	2.69	2.50	2.51	2.55	2.73	2.81	2.88	3.01	2.98	2.96	2.82						
65	0.82	0.78	0.73	0.74	0.74	0.79	0.85	0.84	0.94	0.99	0.93	0.85						
70	0.43	0.40	0.39	0.37	0.39	0.39	0.40	0.40	0.43	0.44	0.43	0.42						
75	0.25	0.21	0.16	0.14	0.17	0.21	0.24	0.24	0.20	0.20	0.20	0.24						
80	0.12	0.08	0.04	0.04	0.04	0.08	0.12	0.10	0.05	0.05	0.05	0.10						
85	0.04	0.02	0.02	0.03	0.02	0.02	0.04	0.02	0.02	0.02	0.01	0.01						
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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