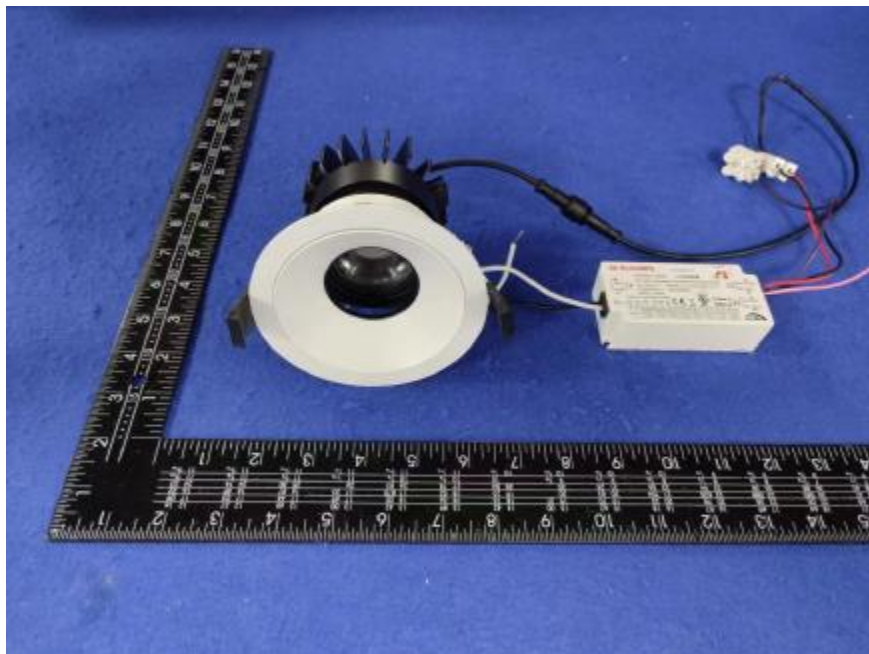


Luminaire Photograph



Light Output Ratio:	78.6%	
Luminaire Power:	19.82 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: 2023-10-13

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

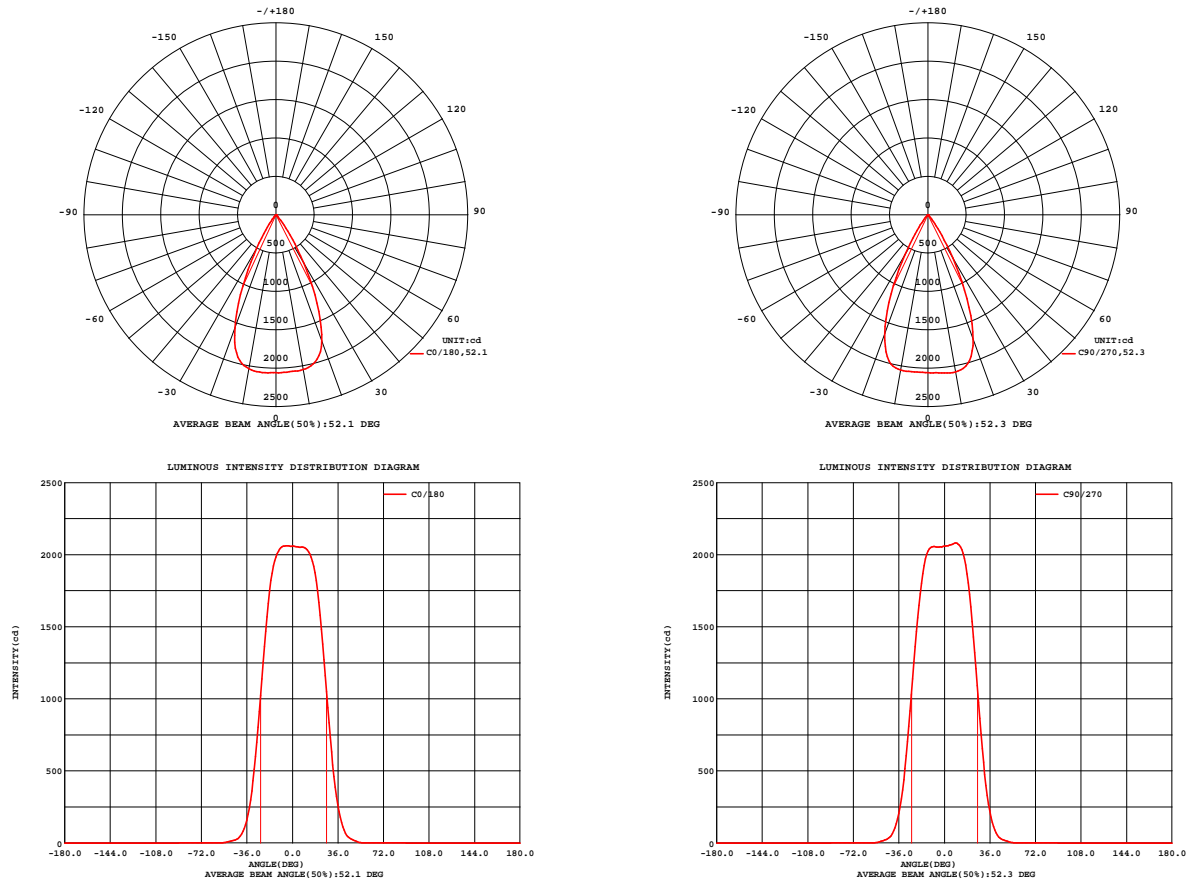


Fig. C0/C180

Fig. C90/C270

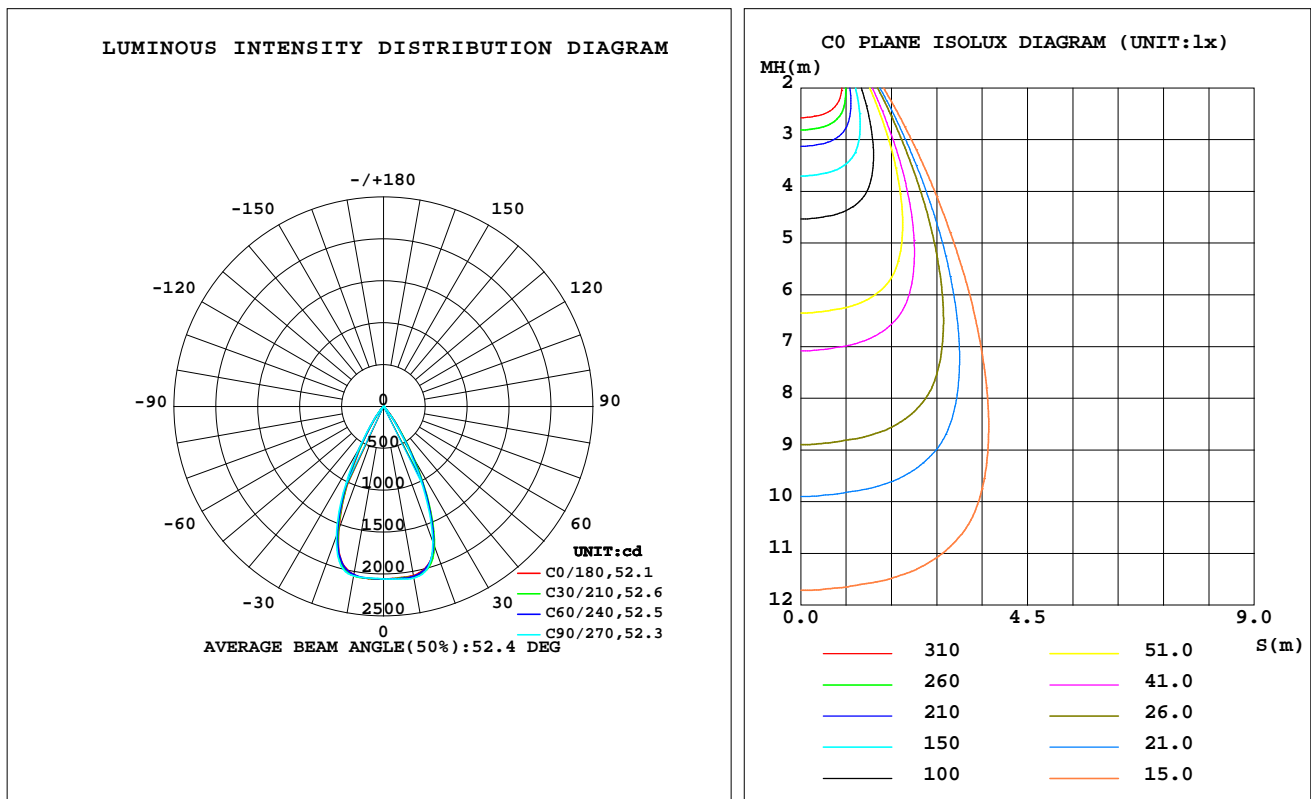
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131228
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.36 lm/W			
MODEL	Bridgelux	I _{max} (cd)	2081	S/MH(C0/180)	0.74
NOMINAL POWER(W)	20	LOR(%)	78.6	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1474.0	η UP,DN(C0-180)	0.0,40.3
NOMINAL FLUX(lm)	1874.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,38.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	78.6	CIBSE SHR MAX	0.80



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-13

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	2047	2059	2080	2073	2038	2044	2053	2060	0- 10	196.6	196.6	13.3,10.5
20	1748	1767	1727	1651	1570	1594	1649	1735	10- 20	544.4	741.1	50.3,39.5
30	729.1	725.6	653.7	576.9	512.4	553.1	604.2	683.8	20- 30	523.6	1265	85.8,67.5
40	113.2	105.6	90.41	78.44	63.90	71.65	85.23	97.96	30- 40	179.7	1444	98,77.1
50	13.54	12.80	11.72	10.65	9.576	10.11	11.35	11.89	40- 50	26.39	1471	99.8,78.5
60	0.4547	0.4795	0.5718	0.4424	0.3547	0.3879	0.5142	0.4575	50- 60	2.742	1474	100,78.6
70	0.1671	0.1477	0.1407	0.1799	0.2358	0.1781	0.1387	0.1431	60- 70	0.3023	1474	100,78.6
80	0.0727	0.0540	0.0558	0.0619	0.0916	0.0651	0.0599	0.0496	70- 80	0.1044	1474	100,78.6
90	0	0	0	0	0	0	0	0	80- 90	0.0372	1474	100,78.6
100	0	0	0	0	0	0	0	0	90-100	0	1474	100,78.6
110	0	0	0	0	0	0	0	0	100-110	0	1474	100,78.6
120	0	0	0	0	0	0	0	0	110-120	0	1474	100,78.6
130	0	0	0	0	0	0	0	0	120-130	0	1474	100,78.6
140	0	0	0	0	0	0	0	0	130-140	0	1474	100,78.6
150	0	0	0	0	0	0	0	0	140-150	0	1474	100,78.6
160	0	0	0	0	0	0	0	0	150-160	0	1474	100,78.6
170	0	0	0	0	0	0	0	0	160-170	0	1474	100,78.6
180	0	0	0	0	0	0	0	0	170-180	0	1474	100,78.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz
Lamp Flux:1874.5x1 lm

NAME: 2318.137-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

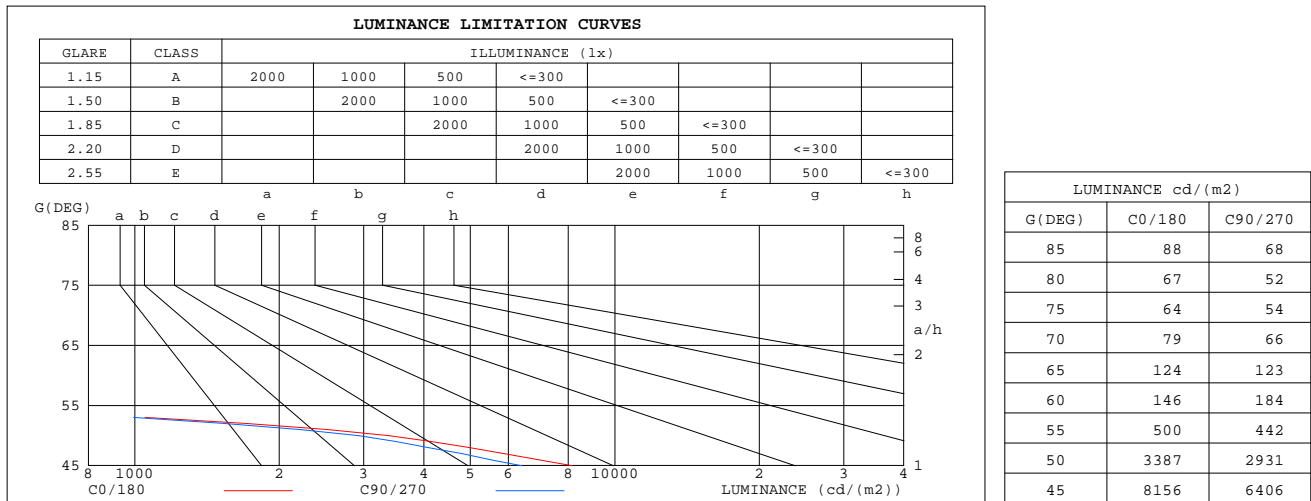
DIM.:

SERIAL No.: 2310131228

MFR.: RISE

SUR.: 0.006217985m2

Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz
Lamp Flux:1874.5x1 lm

NAME: 2318.137-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

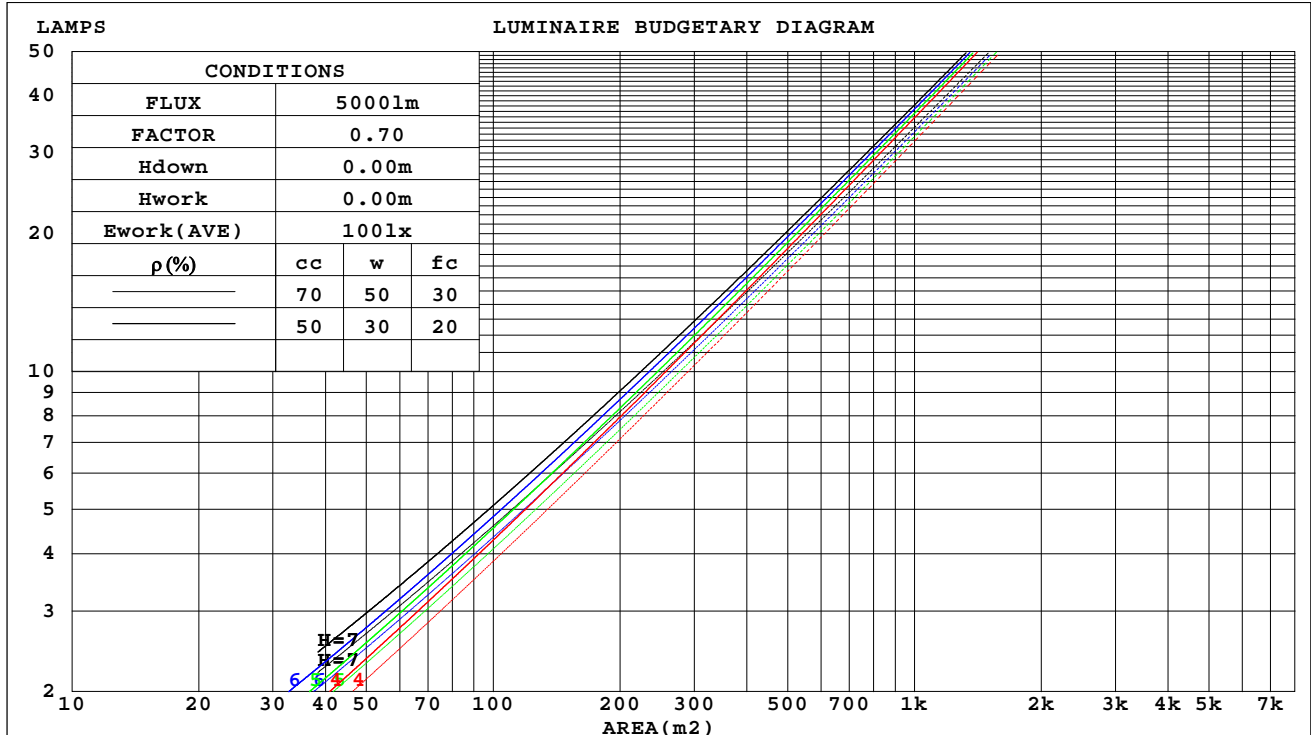
SERIAL No.: 2310131228

MFR.: RISE

SUR.: 0.006217985m2

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	.94	.94	.94	.91	.91	.91	.87	.87	.87	.84	.84	.84	.80	.80	.80	.79
1.0	.88	.86	.84	.86	.84	.83	.83	.82	.80	.80	.79	.78	.77	.77	.76	.74
2.0	.82	.80	.77	.81	.78	.76	.79	.76	.75	.76	.75	.73	.74	.73	.72	.70
3.0	.78	.74	.71	.77	.73	.71	.75	.72	.70	.73	.70	.69	.71	.69	.68	.66
4.0	.73	.69	.66	.72	.69	.66	.71	.68	.65	.69	.67	.65	.68	.66	.64	.63
5.0	.69	.65	.62	.69	.65	.62	.67	.64	.61	.66	.63	.61	.65	.62	.60	.59
6.0	.66	.61	.58	.65	.61	.58	.64	.60	.58	.63	.60	.57	.62	.59	.57	.56
7.0	.62	.58	.55	.62	.58	.55	.61	.57	.55	.60	.57	.54	.59	.56	.54	.53
8.0	.59	.55	.52	.59	.55	.52	.58	.54	.52	.57	.54	.52	.57	.54	.51	.50
9.0	.56	.52	.49	.56	.52	.49	.55	.52	.49	.55	.51	.49	.54	.51	.49	.48
10.0	.54	.50	.47	.53	.50	.47	.53	.49	.47	.52	.49	.47	.52	.49	.47	.46



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131228
MFR.: RISE	SUR.: 0.006217985m2	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	.128	.073	.023	.122	.070	.022	.113	.065	.021	.104	.060	.019	.095	.055	.018		
2.0	.121	.066	.020	.117	.064	.020	.109	.060	.019	.101	.057	.018	.094	.053	.017		
3.0	.115	.061	.018	.111	.060	.018	.104	.056	.017	.098	.054	.016	.092	.051	.016		
4.0	.109	.057	.017	.106	.056	.016	.100	.053	.016	.095	.051	.015	.089	.049	.015		
5.0	.104	.053	.015	.101	.052	.015	.096	.050	.015	.091	.048	.014	.087	.046	.014		
6.0	.100	.050	.014	.097	.049	.014	.093	.047	.014	.088	.046	.014	.084	.044	.013		
7.0	.095	.047	.013	.093	.046	.013	.089	.045	.013	.085	.044	.013	.082	.043	.013		
8.0	.091	.045	.013	.090	.044	.012	.086	.043	.012	.083	.042	.012	.080	.041	.012		
9.0	.088	.042	.012	.086	.042	.012	.083	.041	.012	.080	.040	.011	.077	.039	.011		
10.0	.085	.041	.011	.083	.040	.011	.080	.039	.011	.077	.038	.011	.075	.038	.011		

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	.150	.150	.150	.128	.128	.128	.087	.087	.087	.050	.050	.050	.016	.016	.016	
1.0	.134	.124	.115	.114	.106	.099	.078	.073	.068	.045	.042	.040	.014	.014	.013	
2.0	.121	.104	.090	.104	.090	.078	.071	.062	.054	.041	.036	.032	.013	.012	.010	
3.0	.111	.089	.072	.095	.077	.063	.065	.053	.044	.038	.031	.026	.012	.010	.008	
4.0	.102	.077	.059	.087	.067	.051	.060	.047	.036	.035	.027	.021	.011	.009	.007	
5.0	.095	.068	.049	.081	.059	.042	.056	.041	.030	.032	.024	.018	.010	.008	.006	
6.0	.089	.061	.041	.076	.053	.035	.053	.037	.025	.031	.022	.015	.010	.007	.005	
7.0	.083	.055	.034	.072	.047	.030	.050	.033	.021	.029	.020	.013	.009	.006	.004	
8.0	.079	.050	.030	.068	.043	.026	.047	.030	.018	.027	.018	.011	.009	.006	.004	
9.0	.075	.045	.026	.065	.039	.022	.045	.028	.016	.026	.016	.009	.008	.005	.003	
10.0	.071	.042	.022	.062	.036	.020	.043	.026	.014	.025	.015	.008	.008	.005	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm										
NAME: 2318.137-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310131228		
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	14.4	15.3	14.6	15.4	15.6	13.6	14.4	13.8	14.6	14.8
3H	14.3	15.0	14.5	15.2	15.4	13.4	14.2	13.7	14.4	14.6
4H	14.2	14.9	14.4	15.1	15.3	13.3	14.1	13.6	14.3	14.5
6H	14.1	14.8	14.4	15.0	15.3	13.2	13.9	13.5	14.2	14.4
8H	14.0	14.7	14.3	15.0	15.2	13.2	13.9	13.5	14.1	14.4
12H	14.0	14.6	14.3	14.9	15.2	13.2	13.8	13.5	14.1	14.3
4H 2H	14.2	14.9	14.4	15.1	15.3	13.3	14.1	13.6	14.3	14.5
3H	14.0	14.6	14.3	14.9	15.2	13.2	13.8	13.5	14.1	14.3
4H	13.9	14.5	14.2	14.8	15.1	13.1	13.6	13.4	13.9	14.2
6H	13.8	14.3	14.2	14.6	15.0	13.0	13.5	13.3	13.8	14.1
8H	13.8	14.2	14.1	14.6	14.9	12.9	13.4	13.3	13.7	14.1
12H	13.7	14.1	14.1	14.5	14.9	12.9	13.3	13.3	13.7	14.1
8H 4H	13.8	14.2	14.1	14.6	14.9	12.9	13.4	13.3	13.7	14.1
6H	13.6	14.0	14.1	14.4	14.8	12.8	13.2	13.2	13.6	14.0
8H	13.6	13.9	14.0	14.3	14.8	12.8	13.1	13.2	13.5	14.0
12H	13.5	13.8	14.0	14.3	14.7	12.7	13.0	13.2	13.4	13.9
12H 4H	13.7	14.1	14.1	14.5	14.9	12.9	13.3	13.3	13.7	14.1
6H	13.6	13.9	14.0	14.3	14.8	12.8	13.1	13.2	13.5	13.9
8H	13.5	13.8	14.0	14.3	14.7	12.7	13.0	13.2	13.4	13.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.2 / -26.4					+ 4.0 / -25.4				
1.5H	+ 6.7 / -20.4					+ 6.5 / -19.8				
2.0H	+ 7.5 / -17.6					+ 7.0 / -16.5				

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:2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131228
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

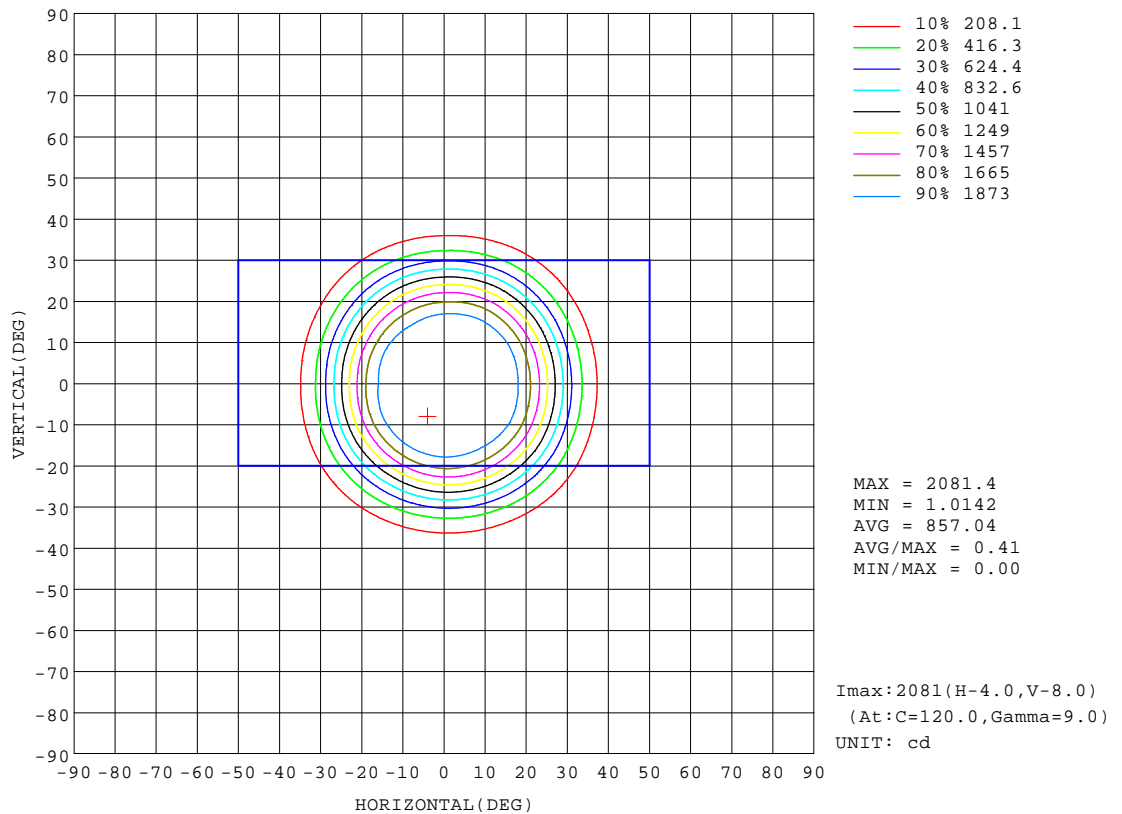
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	71	66	64	71	66	64	70	66	64	61
0.80	77	72	70	76	72	70	75	72	69	67
1.00	80	76	73	79	75	73	78	75	72	70
1.25	83	79	76	82	78	76	80	77	75	72
1.50	84	81	79	84	81	78	82	79	77	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	85	83	81	77
4.00	90	88	86	88	87	85	86	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:2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131228
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

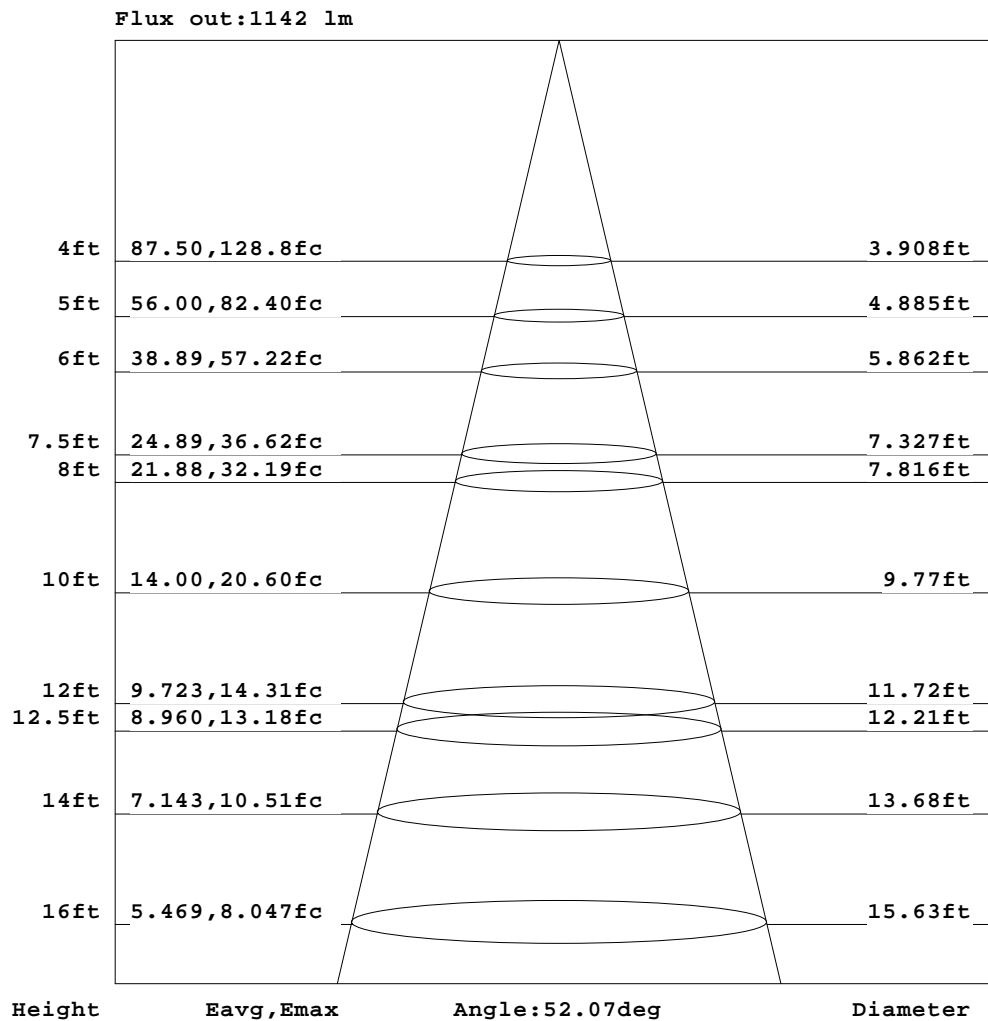


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131228
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



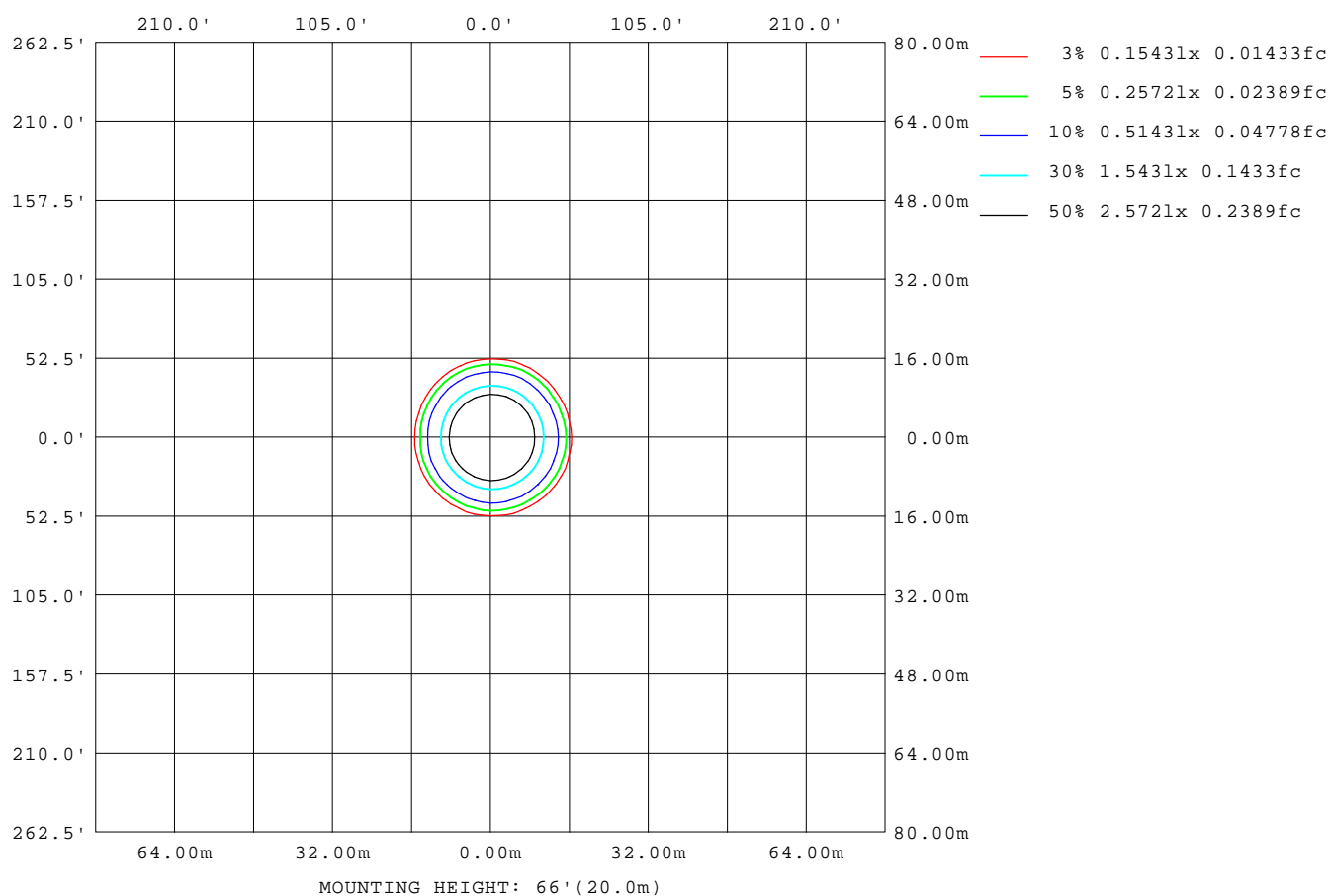
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131228
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131228
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

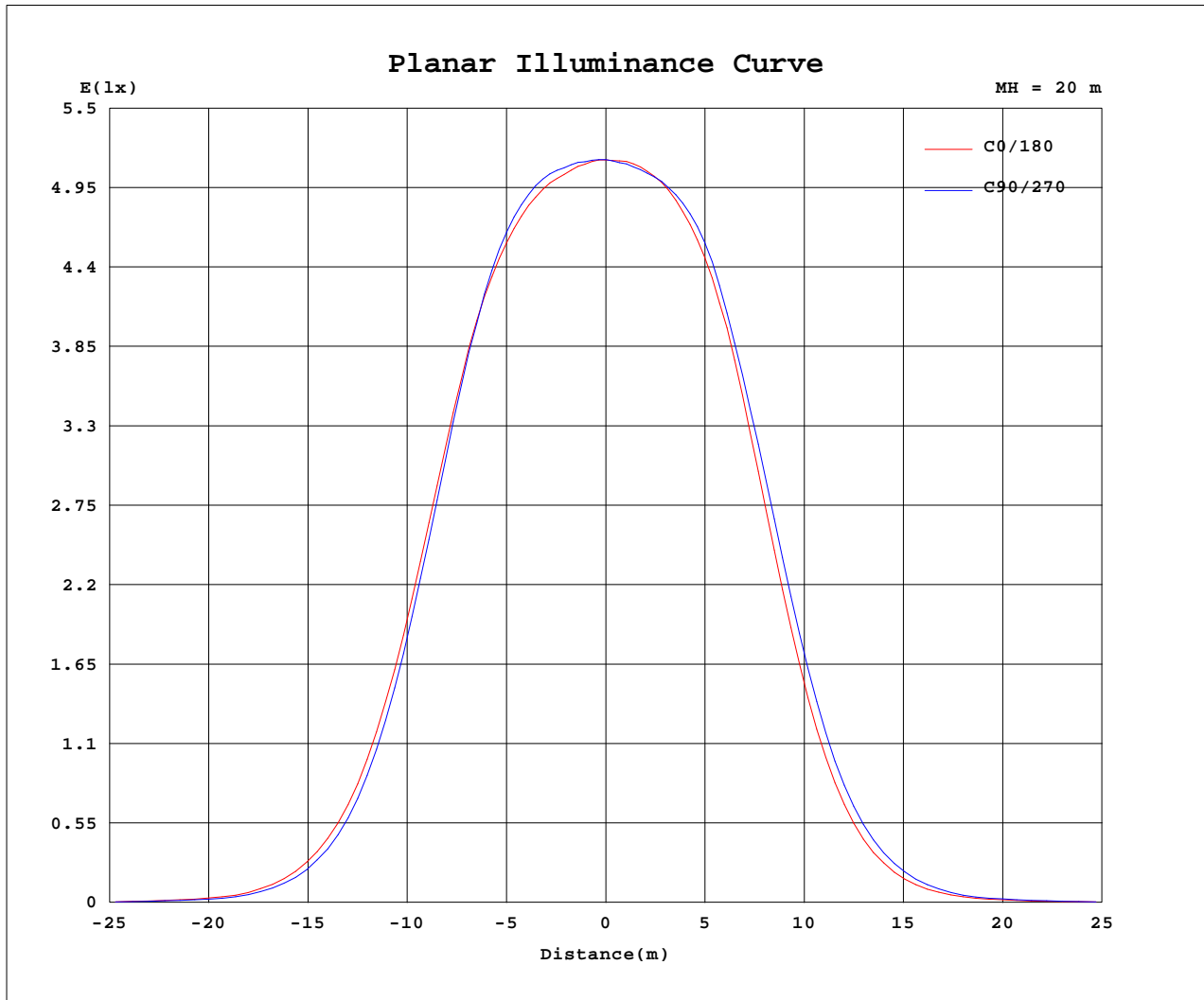
AvgL	cd/m2
L_0~180(65)av	117
L_0~180(75)av	71
L_0~180(85)av	100
L_90~270(65)av	117
L_90~270(75)av	54
L_90~270(85)av	64
L_45(65)av	112
L_45(75)av	56
L_45(85)av	48

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-13

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: 2023-10-13

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:0.1660A P:19.822W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.137-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310131228
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2058	2058	2058	2058	2058	2058	2058	2058	2058	2058	2058	2058						
5	2053	2058	2062	2068	2069	2065	2062	2059	2056	2054	2052	2049						
10	2047	2059	2058	2080	2077	2069	2038	2051	2037	2053	2060	2059						
15	1981	2014	1987	2009	1990	1973	1921	1944	1929	1970	2006	2014						
20	1748	1784	1749	1727	1673	1629	1570	1580	1609	1649	1723	1747						
25	1271	1299	1256	1208	1128	1083	1023	1048	1094	1139	1215	1254						
30	729	749	702	654	596	558	512	534	573	604	666	702						
35	324	328	296	271	244	226	201	208	233	252	286	304						
40	113	112	98.9	90.4	84.3	72.6	63.9	67.4	75.9	85.2	94.0	102						
45	35.9	34.4	30.4	28.2	26.5	23.5	21.4	22.7	25.7	28.6	30.7	32.2						
50	13.5	13.3	12.3	11.7	11.0	10.3	9.58	9.70	10.5	11.4	11.9	11.9						
55	1.79	1.93	1.85	1.58	1.58	1.85	1.77	1.60	1.70	1.73	1.68	1.55						
60	0.45	0.45	0.51	0.57	0.48	0.40	0.35	0.37	0.40	0.51	0.49	0.42						
65	0.33	0.32	0.31	0.32	0.29	0.30	0.29	0.29	0.26	0.29	0.30	0.30						
70	0.17	0.16	0.13	0.14	0.15	0.21	0.24	0.21	0.14	0.14	0.13	0.15						
75	0.10	0.09	0.08	0.09	0.09	0.11	0.13	0.10	0.09	0.09	0.08	0.08						
80	0.07	0.06	0.05	0.06	0.06	0.07	0.09	0.07	0.06	0.06	0.05	0.05						
85	0.05	0.03	0.03	0.04	0.03	0.03	0.06	0.04	0.03	0.03	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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