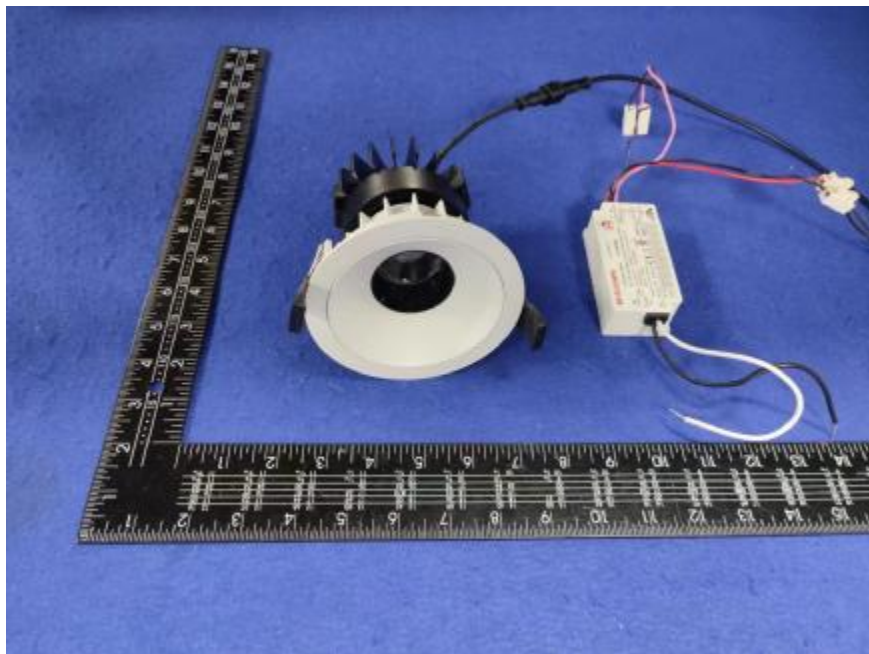


Luminaire Photograph



Light Output Ratio:	80.9%	
Luminaire Power:	19.78 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: 2023-10-10

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

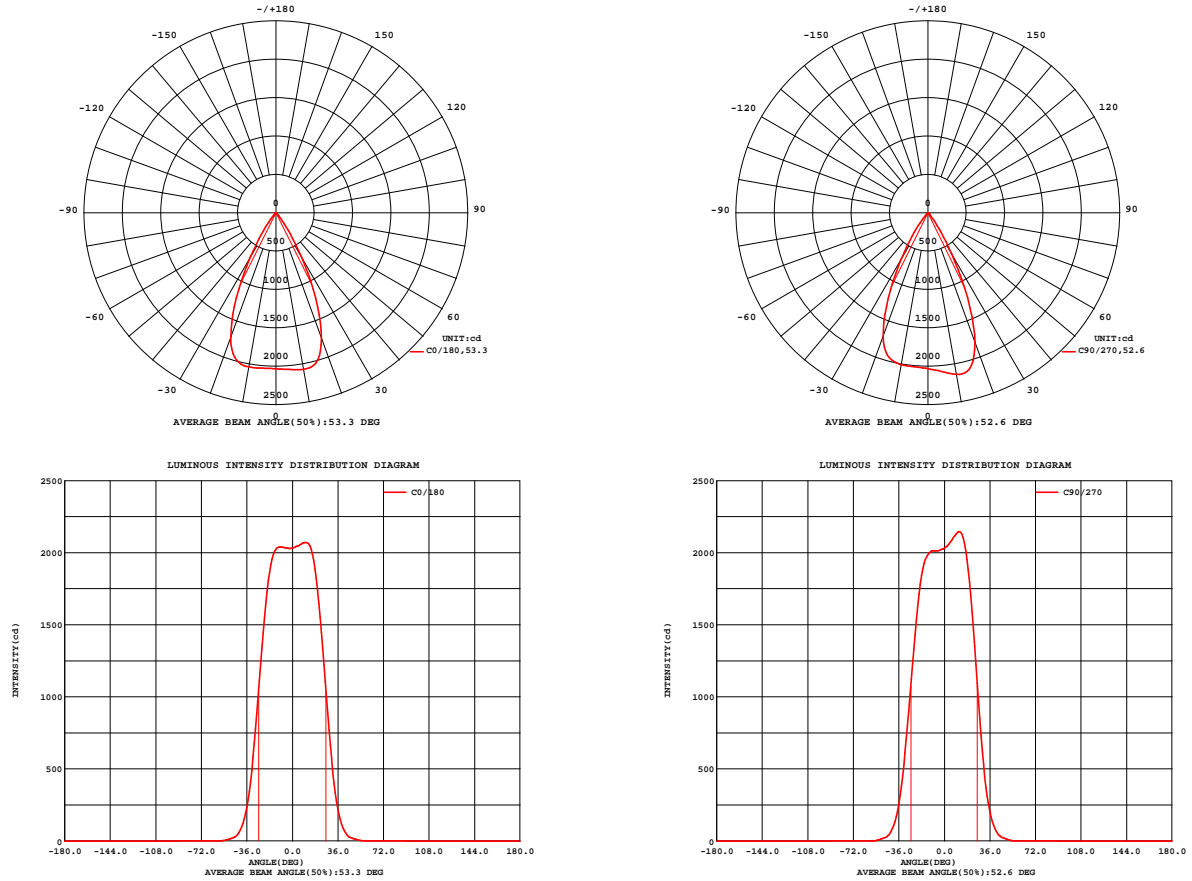


Fig. C0/C180

Fig. C90/C270

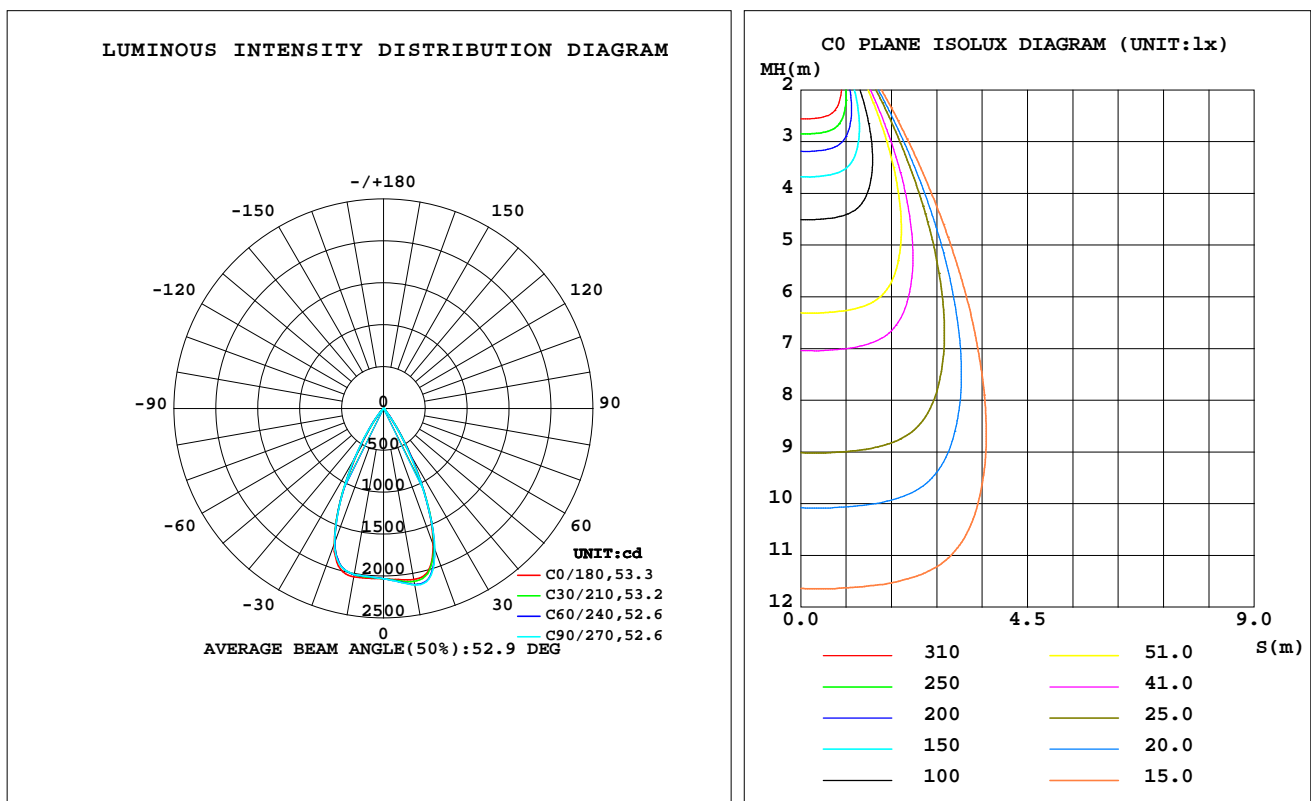
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-10

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.65 lm/W			
MODEL	Bridgelux	I _{max} (cd)	2147	S/MH(C0/180)	0.79
NOMINAL POWER(W)	20	LOR(%)	80.9	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1516.0	η UP,DN(C0-180)	0.0,40.3
NOMINAL FLUX(lm)	1874.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,40.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	80.9	CIBSE SHR MAX	0.80



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

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:

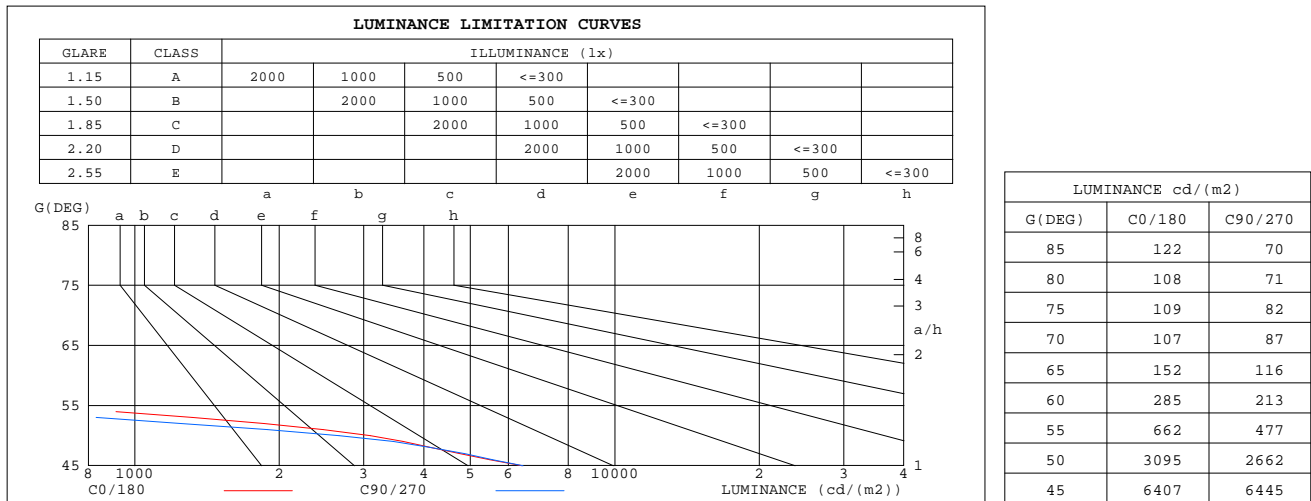
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2070	2114	2137	2086	2039	2013	2012	2024	0- 10	195.7	195.7	12.9,10.4
20	1735	1772	1795	1713	1729	1705	1709	1717	10- 20	553.3	749.0	49.4,40
30	667.0	644.2	625.9	604.1	675.8	695.2	707.0	698.8	20- 30	544.6	1294	85.3,69
40	93.09	89.87	87.07	88.71	98.41	100.4	107.5	99.59	30- 40	190.0	1484	97.9,79.1
50	12.37	11.59	10.64	11.51	12.89	12.56	13.64	13.30	40- 50	28.52	1512	99.7,80.7
60	0.8859	0.7590	0.6622	0.7518	0.8854	0.9005	0.8682	0.9429	50- 60	3.307	1515	100,80.8
70	0.2286	0.1965	0.1857	0.1966	0.2211	0.2081	0.1977	0.2102	60- 70	0.4046	1516	100,80.9
80	0.1161	0.0827	0.0771	0.0826	0.1073	0.0878	0.0904	0.0897	70- 80	0.1533	1516	100,80.9
90	0	0	0	0	0	0	0	0	80- 90	0.0480	1516	100,80.9
100	0	0	0	0	0	0	0	0	90-100	0	1516	100,80.9
110	0	0	0	0	0	0	0	0	100-110	0	1516	100,80.9
120	0	0	0	0	0	0	0	0	110-120	0	1516	100,80.9
130	0	0	0	0	0	0	0	0	120-130	0	1516	100,80.9
140	0	0	0	0	0	0	0	0	130-140	0	1516	100,80.9
150	0	0	0	0	0	0	0	0	140-150	0	1516	100,80.9
160	0	0	0	0	0	0	0	0	150-160	0	1516	100,80.9
170	0	0	0	0	0	0	0	0	160-170	0	1516	100,80.9
180	0	0	0	0	0	0	0	0	170-180	0	1516	100,80.9
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

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



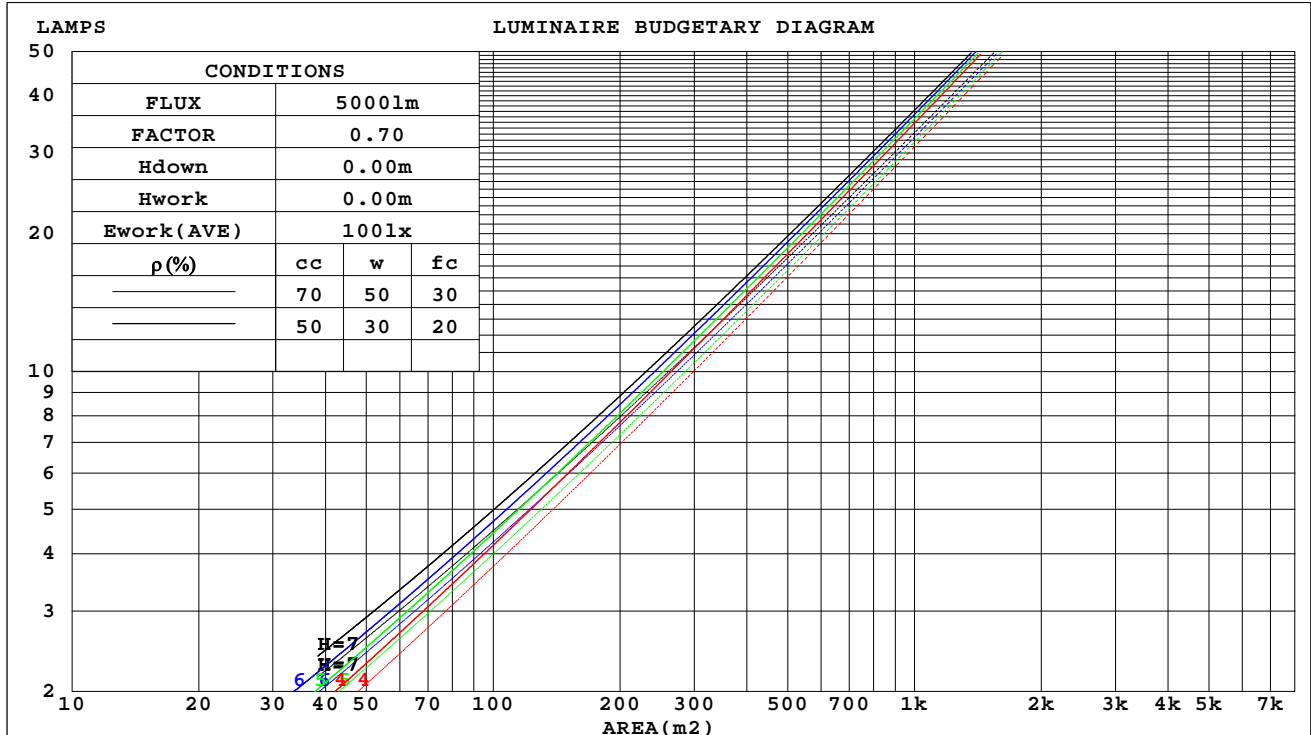
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-10

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
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															



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

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
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	.132	.075	.024	.127	.072	.023	.117	.067	.021	.107	.062	.020	.099	.057	.018	
2.0	.125	.069	.021	.121	.067	.020	.112	.062	.019	.105	.059	.018	.097	.055	.017	
3.0	.119	.063	.019	.115	.062	.019	.108	.058	.018	.101	.055	.017	.095	.053	.016	
4.0	.113	.059	.017	.110	.057	.017	.104	.055	.016	.098	.053	.016	.093	.050	.015	
5.0	.108	.055	.016	.105	.054	.016	.100	.052	.015	.095	.050	.015	.090	.048	.014	
6.0	.103	.052	.015	.101	.051	.015	.096	.049	.014	.092	.048	.014	.087	.046	.014	
7.0	.099	.049	.014	.097	.048	.014	.092	.047	.013	.089	.045	.013	.085	.044	.013	
8.0	.095	.046	.013	.093	.046	.013	.089	.045	.013	.086	.043	.013	.082	.042	.012	
9.0	.091	.044	.012	.089	.043	.012	.086	.042	.012	.083	.042	.012	.080	.041	.012	
10.0	.088	.042	.012	.086	.042	.012	.083	.041	.011	.080	.040	.011	.078	.039	.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	.154	.154	.154	.132	.132	.132	.090	.090	.090	.052	.052	.052	.017	.017	.017		
1.0	.138	.127	.118	.118	.109	.102	.081	.075	.070	.046	.044	.041	.015	.014	.013		
2.0	.125	.107	.093	.107	.092	.080	.073	.064	.056	.042	.037	.033	.014	.012	.011		
3.0	.114	.092	.074	.098	.079	.064	.067	.055	.045	.039	.032	.027	.012	.010	.009		
4.0	.105	.080	.060	.090	.069	.052	.062	.048	.037	.036	.028	.022	.012	.009	.007		
5.0	.098	.070	.050	.084	.061	.043	.058	.042	.031	.033	.025	.018	.011	.008	.006		
6.0	.091	.062	.042	.079	.054	.036	.054	.038	.026	.031	.022	.015	.010	.007	.005		
7.0	.086	.056	.035	.074	.049	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004		
8.0	.081	.051	.030	.070	.044	.026	.048	.031	.019	.028	.018	.011	.009	.006	.004		
9.0	.077	.047	.026	.067	.041	.023	.046	.029	.016	.027	.017	.010	.009	.006	.003		
10.0	.074	.043	.023	.064	.038	.020	.044	.026	.014	.026	.016	.009	.008	.005	.003		

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

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm										
NAME: 2318.133-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310101212		
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	13.2	14.0	13.4	14.2	14.4	12.8	13.7	13.1	13.9	14.0
3H	13.0	13.8	13.3	14.0	14.2	12.7	13.5	12.9	13.7	13.9
4H	12.9	13.7	13.2	13.9	14.1	12.6	13.3	12.9	13.6	13.8
6H	12.8	13.5	13.1	13.8	14.0	12.5	13.2	12.8	13.4	13.7
8H	12.8	13.5	13.1	13.7	14.0	12.5	13.1	12.8	13.4	13.6
12H	12.8	13.4	13.1	13.7	13.9	12.4	13.1	12.7	13.3	13.6
4H 2H	12.9	13.7	13.2	13.9	14.1	12.6	13.3	12.9	13.6	13.8
3H	12.8	13.4	13.1	13.7	13.9	12.4	13.1	12.7	13.3	13.6
4H	12.7	13.2	13.0	13.5	13.8	12.3	12.9	12.7	13.2	13.5
6H	12.6	13.1	12.9	13.4	13.7	12.2	12.7	12.6	13.1	13.4
8H	12.5	13.0	12.9	13.3	13.7	12.2	12.7	12.6	13.0	13.4
12H	12.5	12.9	12.9	13.3	13.7	12.1	12.6	12.5	12.9	13.3
8H 4H	12.5	13.0	12.9	13.3	13.7	12.2	12.7	12.6	13.0	13.4
6H	12.4	12.8	12.8	13.2	13.6	12.1	12.5	12.5	12.9	13.3
8H	12.3	12.7	12.8	13.1	13.5	12.0	12.4	12.5	12.8	13.2
12H	12.3	12.6	12.8	13.0	13.5	12.0	12.3	12.4	12.7	13.2
12H 4H	12.5	12.9	12.9	13.3	13.6	12.1	12.6	12.5	12.9	13.3
6H	12.3	12.7	12.8	13.1	13.5	12.0	12.4	12.5	12.8	13.2
8H	12.3	12.6	12.8	13.0	13.5	12.0	12.3	12.4	12.7	13.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.3 / -21.5					+ 4.1 / -22.2				
1.5H	+ 6.8 / -18.0					+ 6.6 / -18.8				
2.0H	+ 7.1 / -14.2					+ 7.2 / -15.3				

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

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

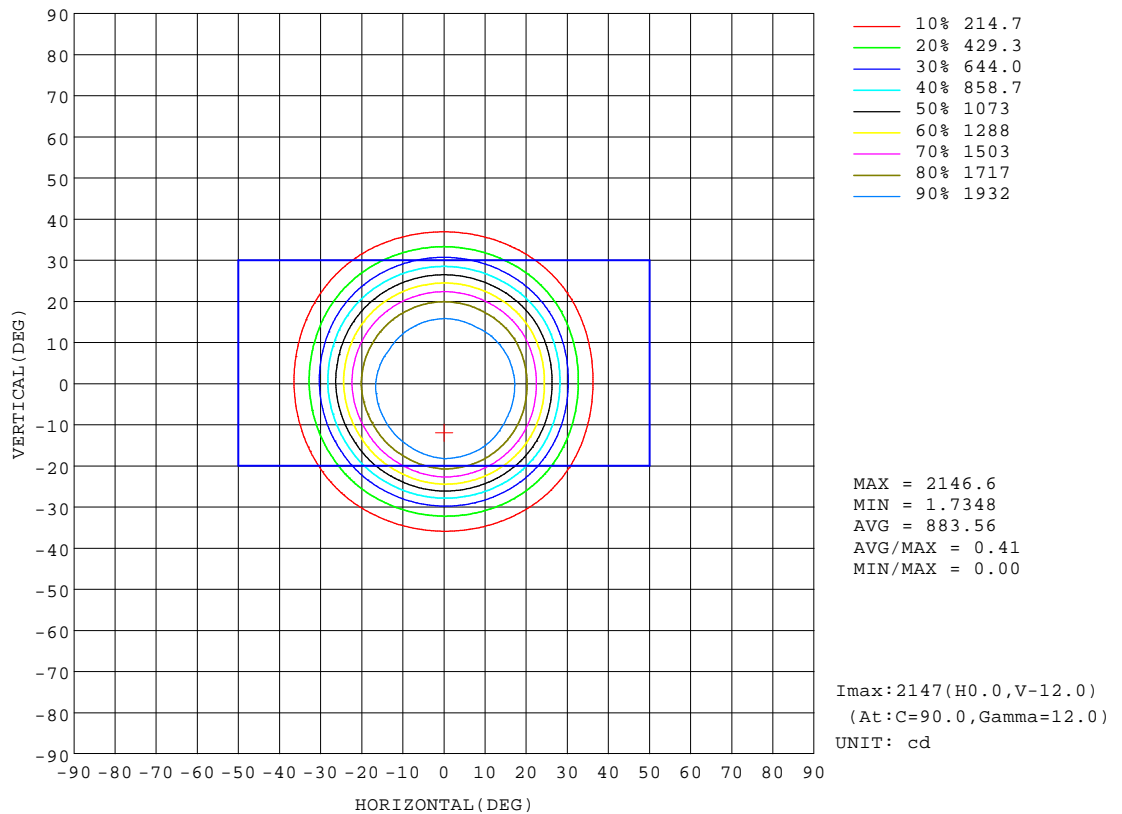
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	73	68	65	73	68	65	72	68	65	63
0.80	79	74	72	78	74	72	77	74	71	69
1.00	82	78	75	81	77	75	80	77	74	71
1.25	85	81	78	84	81	78	82	80	77	74
1.50	87	83	81	86	83	81	84	82	80	76
2.00	89	86	83	88	85	83	85	83	81	77
2.50	90	87	85	89	86	84	86	84	83	78
3.00	91	88	86	90	87	86	87	85	84	79
4.00	93	90	89	91	89	88	88	87	86	80
5.00	93	92	90	92	90	89	89	88	87	81
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

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

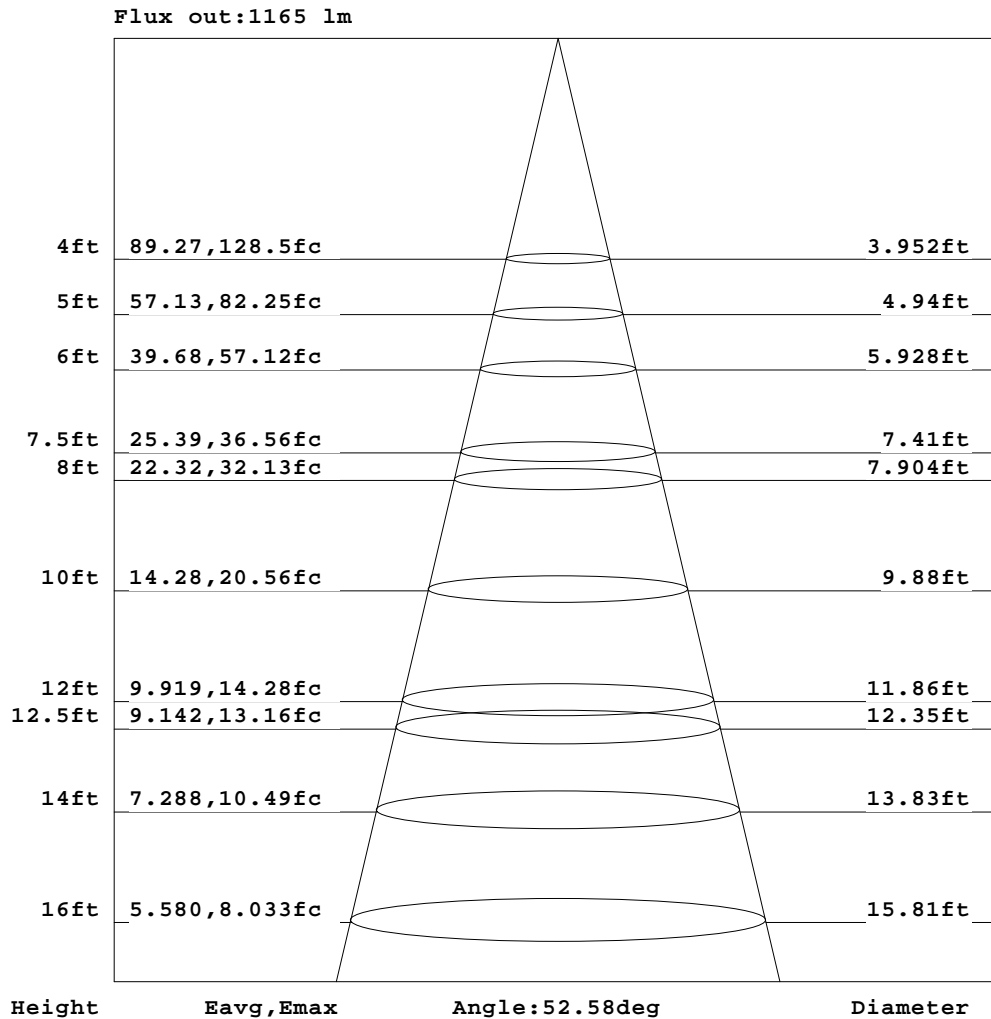


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-10

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



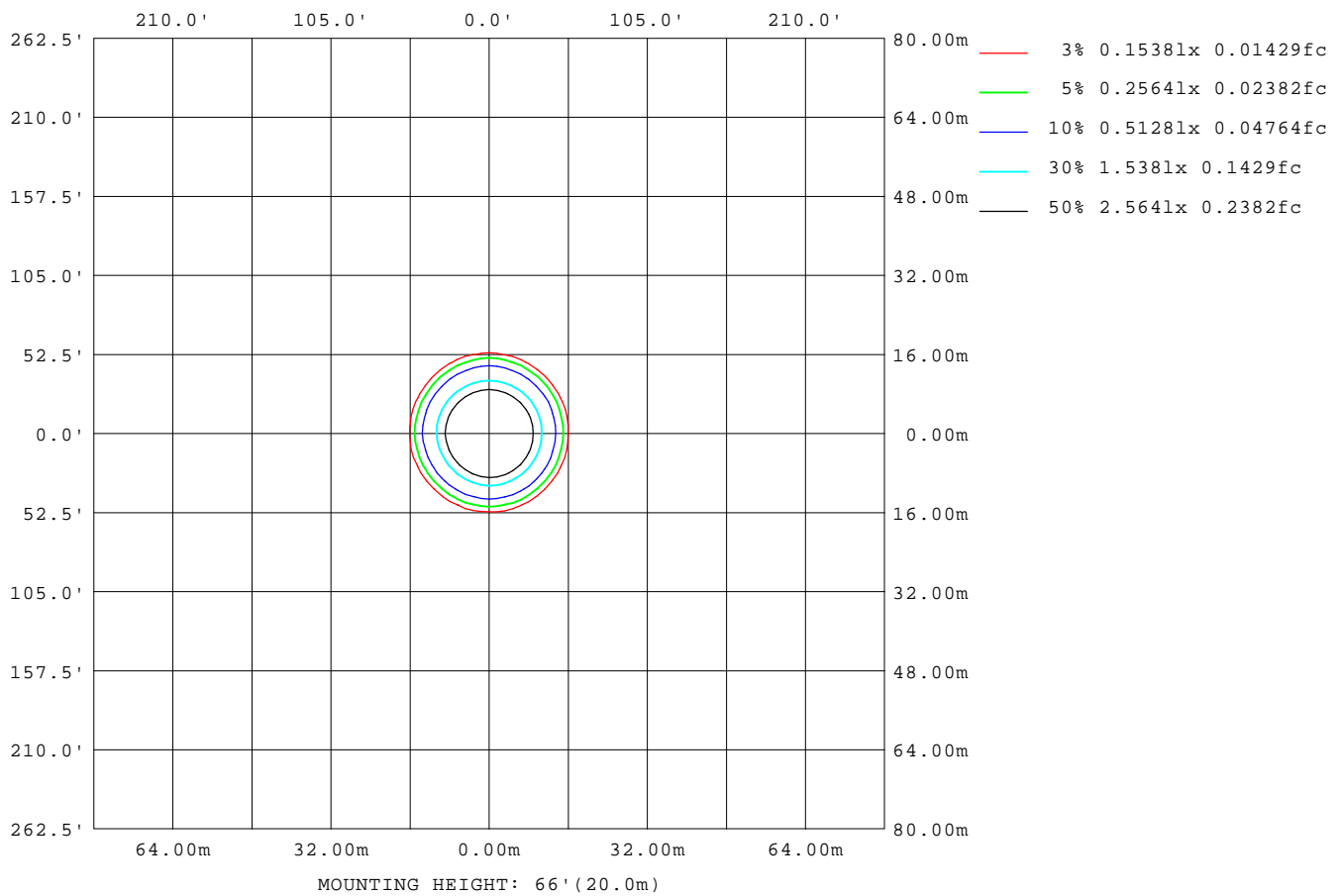
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
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

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

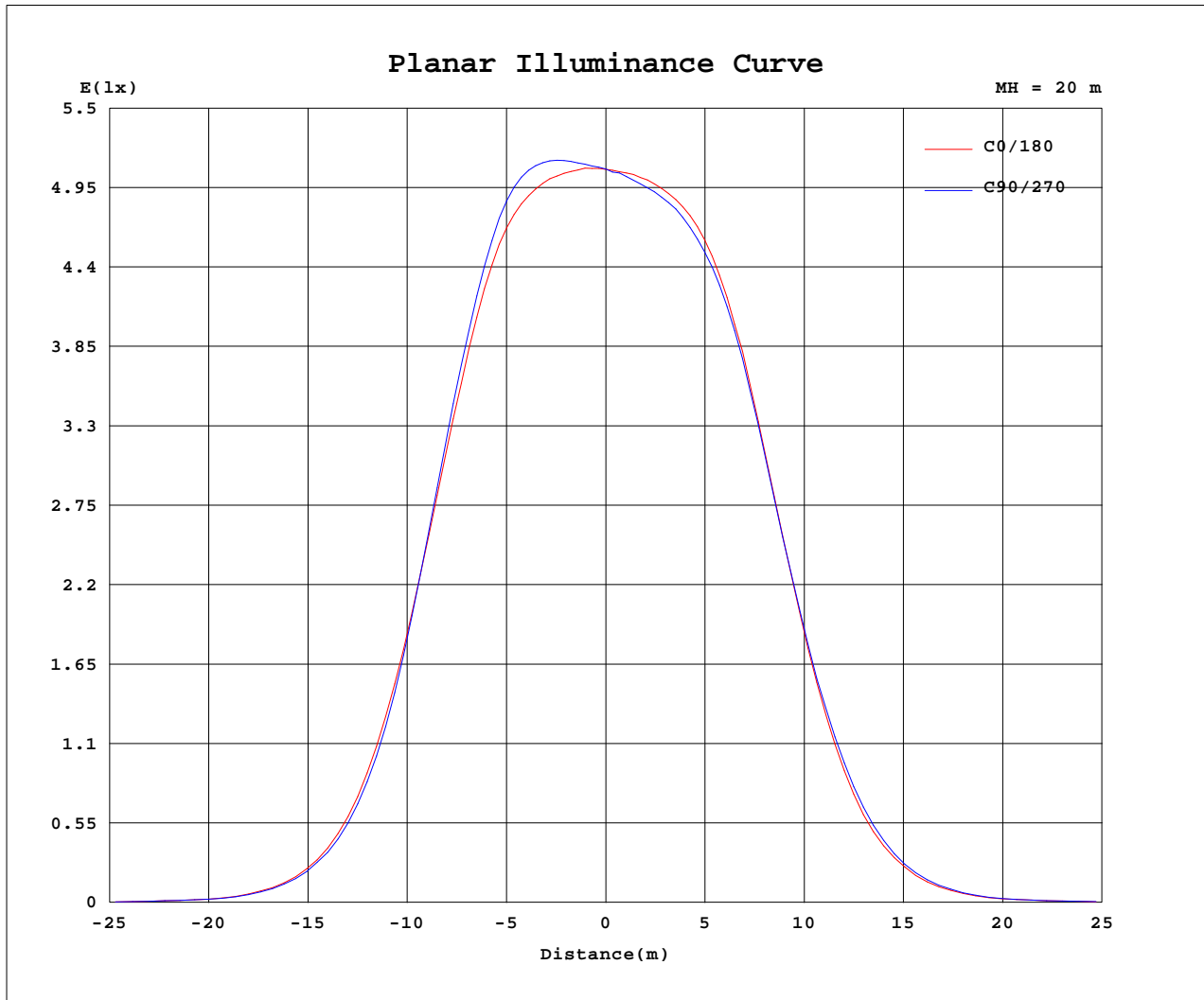
AvgL	cd/m2
L_0~180(65)av	151
L_0~180(75)av	105
L_0~180(85)av	113
L_90~270(65)av	126
L_90~270(75)av	86
L_90~270(85)av	74
L_45(65)av	141
L_45(75)av	87
L_45(85)av	61

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

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: 2023-10-10

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:0.1656A P:19.778W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.133-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310101212
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	2031	2031	2031	2031	2031	2031	2031	2031	2031	2031	2031	2031						
5	2049	2065	2074	2076	2064	2046	2032	2020	2014	2013	2018	2030						
10	2070	2095	2132	2137	2106	2066	2039	2014	2013	2012	2014	2034						
15	2024	2040	2098	2104	2050	2005	1987	1951	1950	1953	1954	1980						
20	1735	1759	1785	1795	1727	1699	1729	1709	1701	1709	1705	1729						
25	1224	1233	1227	1223	1169	1160	1224	1233	1220	1228	1226	1248						
30	667	654	634	626	599	609	676	695	696	707	694	703						
35	276	268	261	255	248	254	286	292	303	313	299	298						
40	93.1	90.0	89.7	87.1	88.3	89.1	98.4	97.6	103	108	101	98.1						
45	28.2	27.7	29.0	28.3	28.8	29.5	30.1	28.8	30.6	32.1	30.5	29.5						
50	12.4	11.6	11.5	10.6	11.1	12.0	12.9	12.2	12.9	13.6	13.3	13.3						
55	2.36	2.23	1.96	1.70	1.82	2.09	2.26	2.34	2.35	2.19	2.65	2.80						
60	0.89	0.83	0.69	0.66	0.69	0.81	0.89	0.90	0.90	0.87	0.89	1.00						
65	0.40	0.37	0.31	0.30	0.32	0.37	0.40	0.41	0.38	0.36	0.37	0.41						
70	0.23	0.21	0.18	0.19	0.19	0.21	0.22	0.22	0.20	0.20	0.20	0.22						
75	0.18	0.15	0.13	0.13	0.13	0.15	0.16	0.15	0.14	0.14	0.14	0.15						
80	0.12	0.09	0.07	0.08	0.08	0.09	0.11	0.09	0.08	0.09	0.08	0.10						
85	0.07	0.04	0.03	0.04	0.03	0.04	0.06	0.04	0.04	0.04	0.03	0.04						
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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