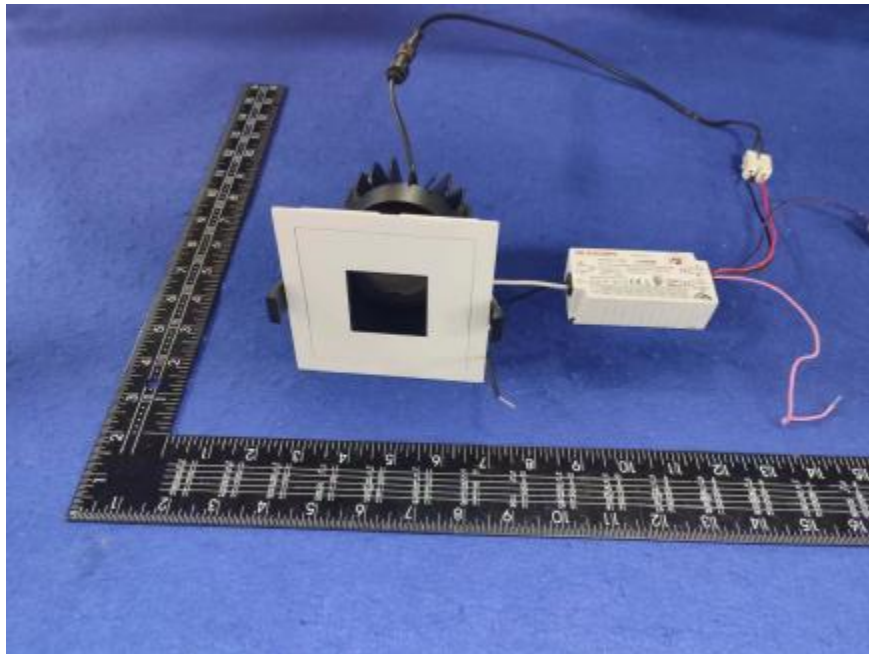


Luminaire Photograph



Light Output Ratio:	64.5%	
Luminaire Power:	19.91 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: 2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

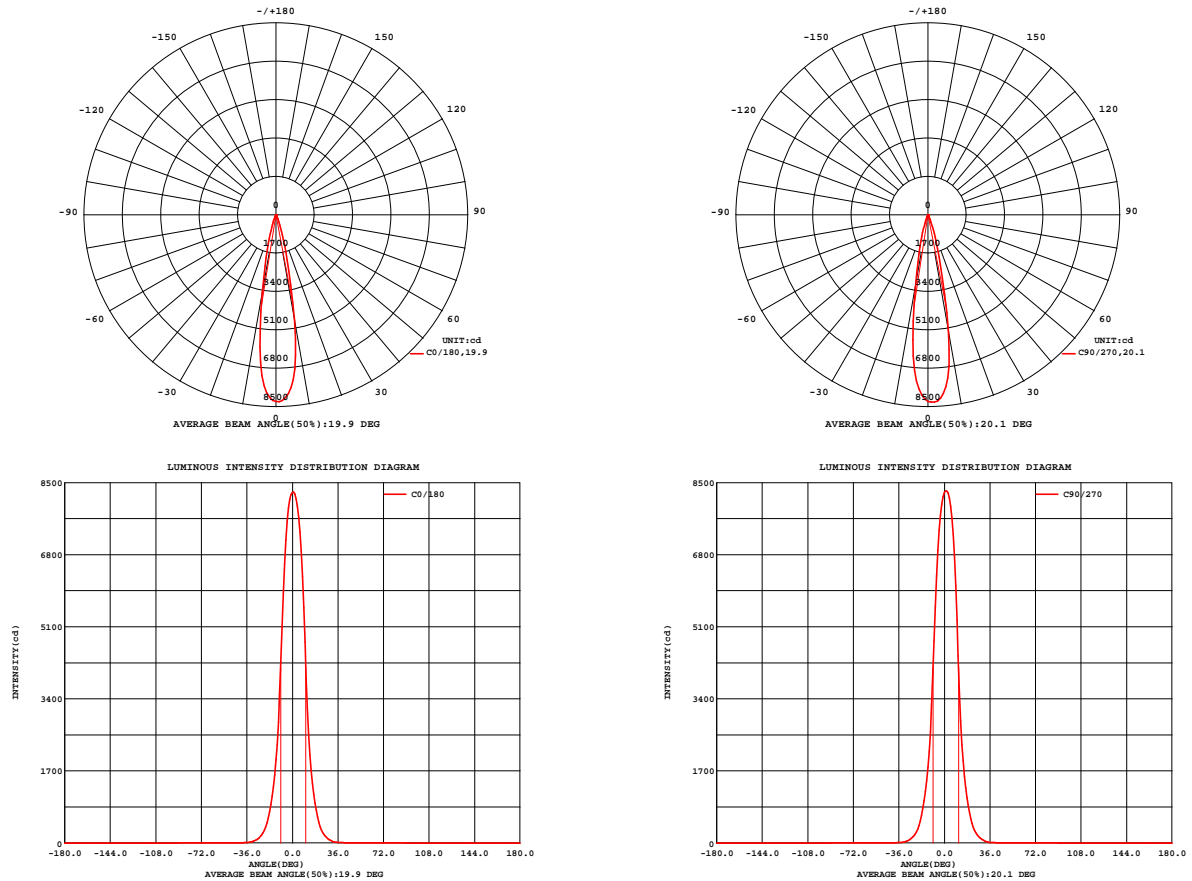


Fig. C0/C180

Fig. C90/C270

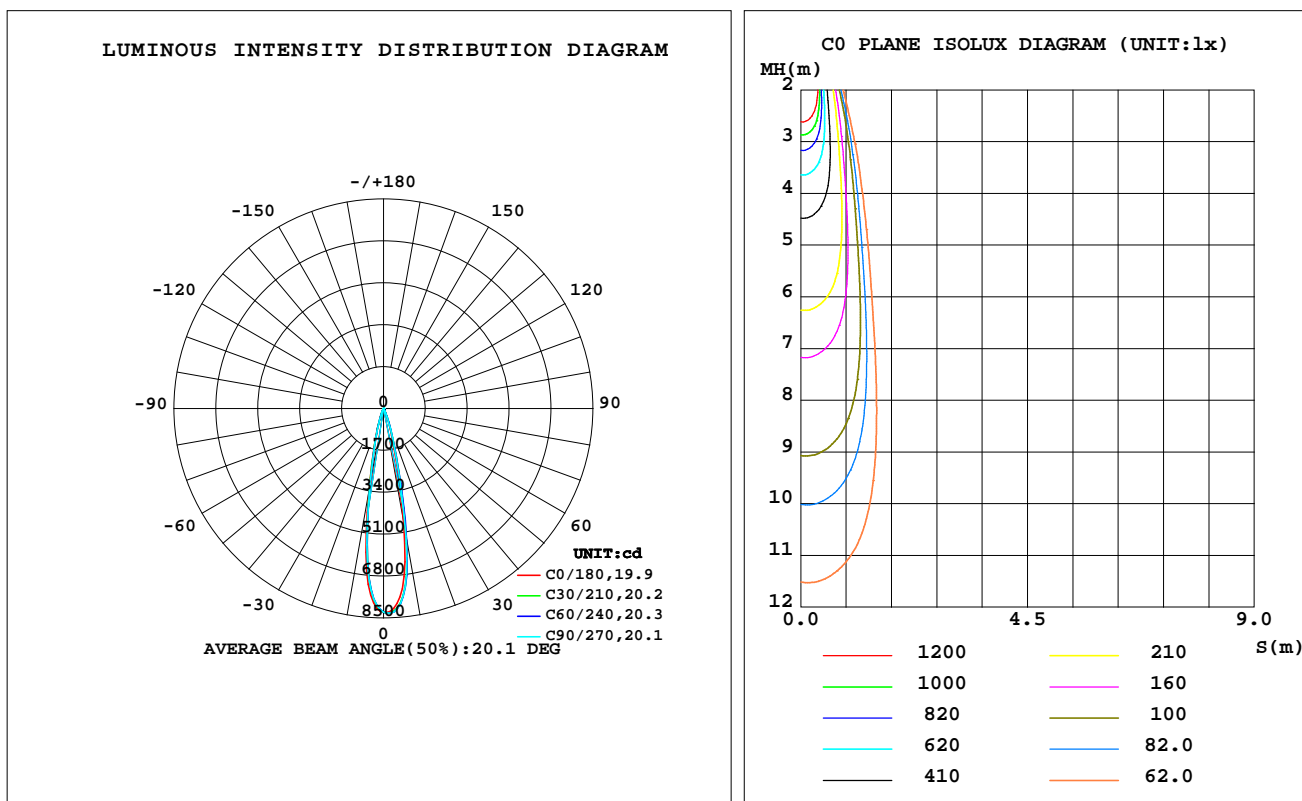
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.154-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310281283
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 60.76 lm/W			
MODEL	Bridgelux	I _{max} (cd)	8314	S/MH(C0/180)	0.31
NOMINAL POWER(W)	20	LOR(%)	64.5	S/MH(C90/270)	0.30
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1209.6	η UP,DN(C0-180)	0.0,36.6
NOMINAL FLUX(lm)	1874.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,28.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	64.5	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-28

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-1083 15R
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	4737	5387	5262	4588	3511	3274	3237	3883	0- 10	605.3	605.3	50,32.3
20	611.9	763.3	711.3	650.1	474.6	461.2	409.6	521.8	10- 20	475.8	1081	89.4,57.7
30	63.22	97.79	77.76	85.19	50.83	58.50	39.78	65.73	20- 30	106.6	1188	98.2,63.4
40	7.576	8.391	7.958	8.523	6.595	5.234	5.101	6.412	30- 40	16.47	1204	99.6,64.2
50	2.056	2.539	2.139	2.738	1.976	1.476	1.247	1.911	40- 50	3.174	1207	99.8,64.4
60	1.167	0.9036	1.146	1.156	1.140	0.5917	0.7766	0.8156	50- 60	1.166	1208	99.9,64.5
70	0.5519	0.4643	0.6129	0.5339	0.5103	0.2494	0.3605	0.3241	60- 70	0.6538	1209	100,64.5
80	0.2619	0.1991	0.3126	0.2158	0.2713	0.1371	0.2323	0.1284	70- 80	0.3179	1209	100,64.5
90	0	0	0	0	0	0	0	0	80- 90	0.1298	1210	100,64.5
100	0	0	0	0	0	0	0	0	90-100	0	1210	100,64.5
110	0	0	0	0	0	0	0	0	100-110	0	1210	100,64.5
120	0	0	0	0	0	0	0	0	110-120	0	1210	100,64.5
130	0	0	0	0	0	0	0	0	120-130	0	1210	100,64.5
140	0	0	0	0	0	0	0	0	130-140	0	1210	100,64.5
150	0	0	0	0	0	0	0	0	140-150	0	1210	100,64.5
160	0	0	0	0	0	0	0	0	150-160	0	1210	100,64.5
170	0	0	0	0	0	0	0	0	160-170	0	1210	100,64.5
180	0	0	0	0	0	0	0	0	170-180	0	1210	100,64.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz
Lamp Flux:1874.5x1 lm

NAME: 2318.154-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

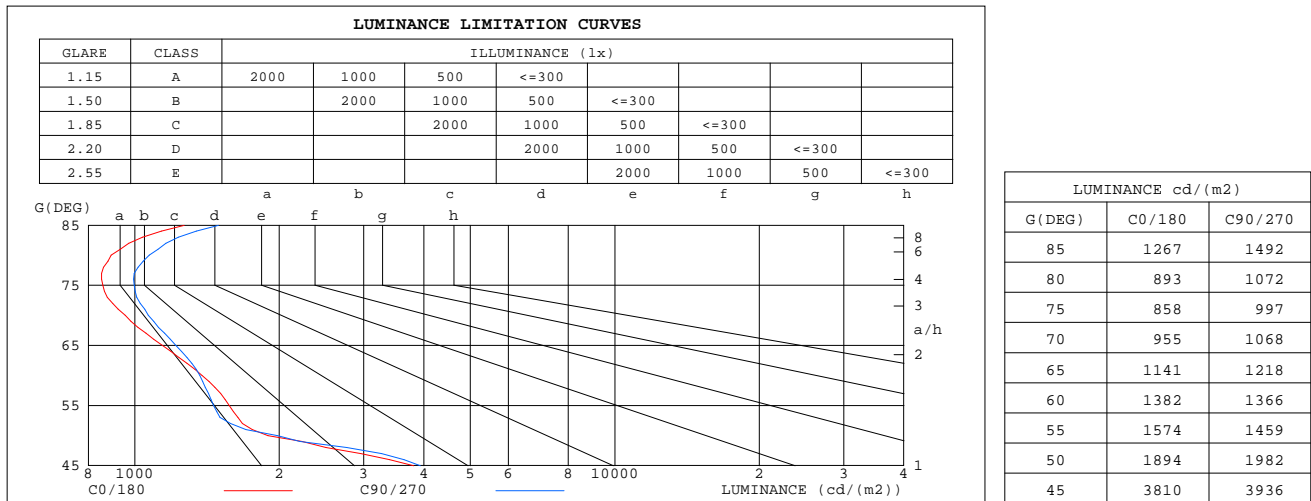
DIM.:

SERIAL No.: 2310281283

MFR.: RISE

SUR.: 0.001681m2

Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz
Lamp Flux:1874.5x1 lm

NAME: 2318.154-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

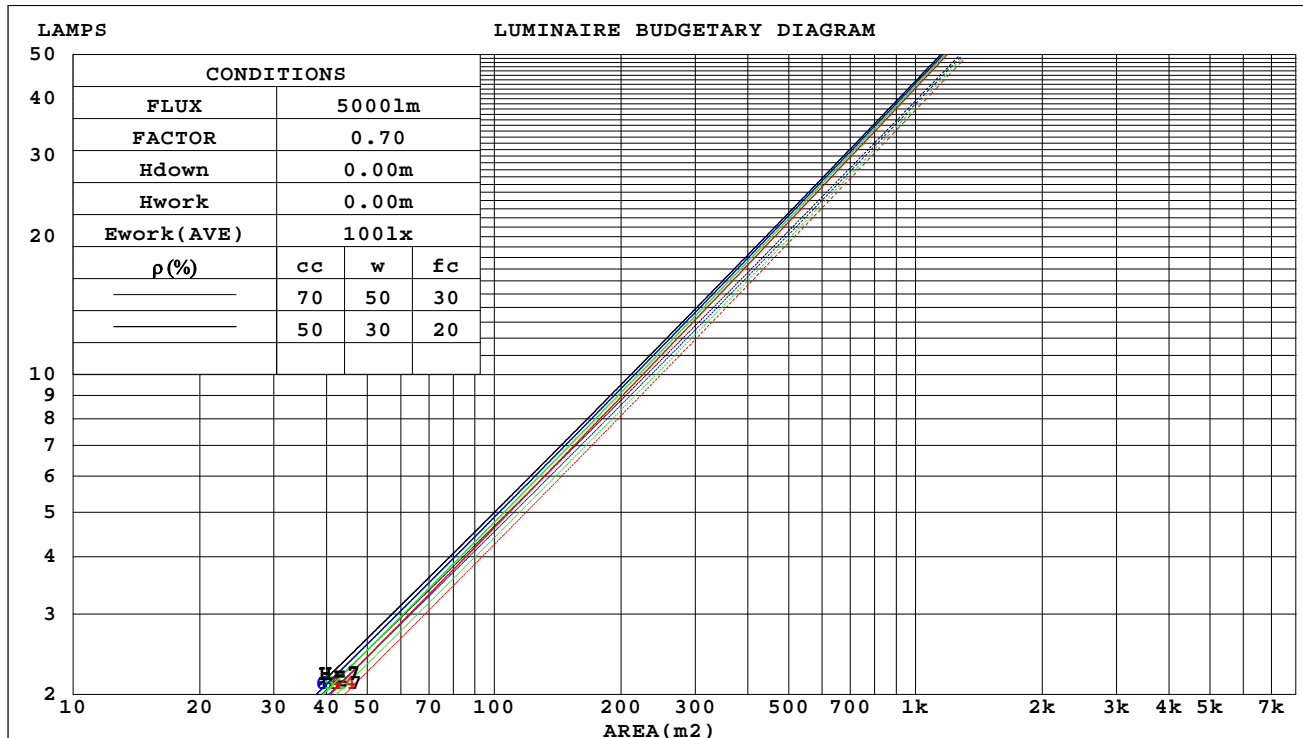
SERIAL No.: 2310281283

MFR.: RISE

SUR.: 0.001681m2

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	.77	.77	.77	.75	.75	.75	.72	.72	.72	.69	.69	.69	.66	.66	.66	.65
1.0	.73	.72	.71	.72	.71	.70	.69	.69	.68	.67	.66	.66	.65	.64	.64	.63
2.0	.70	.69	.67	.69	.68	.66	.67	.66	.65	.66	.65	.64	.64	.63	.62	.62
3.0	.68	.66	.64	.67	.65	.64	.66	.64	.63	.64	.63	.62	.63	.62	.61	.60
4.0	.66	.64	.62	.65	.63	.61	.64	.62	.61	.63	.61	.60	.62	.60	.60	.59
5.0	.64	.62	.60	.63	.61	.60	.62	.61	.59	.61	.60	.59	.61	.59	.58	.58
6.0	.62	.60	.58	.62	.60	.58	.61	.59	.58	.60	.59	.57	.59	.58	.57	.56
7.0	.61	.58	.57	.60	.58	.57	.60	.58	.56	.59	.57	.56	.58	.57	.56	.55
8.0	.59	.57	.55	.59	.57	.55	.58	.57	.55	.58	.56	.55	.57	.56	.55	.54
9.0	.58	.56	.54	.58	.56	.54	.57	.55	.54	.57	.55	.54	.56	.55	.54	.53
10.0	.57	.55	.53	.57	.55	.53	.56	.54	.53	.56	.54	.53	.55	.54	.53	.52



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

WEC AND CCEC

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.154-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310281283
MFR.: RISE	SUR.: 0.001681m2	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	.080	.045	.014	.075	.043	.014	.068	.039	.012	.060	.035	.011	.053	.031	.010	
2.0	.073	.040	.012	.069	.038	.012	.063	.035	.011	.057	.032	.010	.051	.029	.009	
3.0	.067	.036	.011	.064	.034	.010	.059	.032	.010	.054	.030	.009	.049	.027	.008	
4.0	.062	.032	.010	.060	.031	.009	.056	.029	.009	.051	.028	.008	.048	.026	.008	
5.0	.058	.030	.009	.056	.029	.008	.053	.027	.008	.049	.026	.008	.046	.024	.007	
6.0	.055	.028	.008	.053	.027	.008	.050	.026	.007	.047	.024	.007	.044	.023	.007	
7.0	.052	.026	.007	.050	.025	.007	.048	.024	.007	.045	.023	.007	.043	.022	.006	
8.0	.049	.024	.007	.048	.024	.007	.046	.023	.006	.043	.022	.006	.041	.021	.006	
9.0	.047	.023	.006	.046	.022	.006	.044	.022	.006	.042	.021	.006	.040	.020	.006	
10.0	.045	.021	.006	.044	.021	.006	.042	.021	.006	.040	.020	.006	.038	.019	.006	

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	.123	.123	.123	.105	.105	.105	.072	.072	.072	.041	.041	.041	.013	.013	.013		
1.0	.108	.102	.096	.092	.087	.083	.063	.060	.057	.036	.035	.033	.012	.011	.011		
2.0	.096	.086	.077	.082	.074	.067	.056	.051	.047	.032	.030	.027	.010	.010	.009		
3.0	.086	.073	.063	.073	.063	.055	.050	.044	.038	.029	.026	.023	.009	.008	.007		
4.0	.077	.063	.052	.066	.054	.045	.045	.038	.032	.026	.022	.019	.008	.007	.006		
5.0	.070	.055	.044	.060	.047	.038	.041	.033	.027	.024	.019	.016	.008	.006	.005		
6.0	.064	.048	.037	.055	.042	.032	.038	.029	.023	.022	.017	.014	.007	.006	.004		
7.0	.059	.043	.032	.050	.037	.028	.035	.026	.020	.020	.015	.012	.007	.005	.004		
8.0	.054	.038	.028	.047	.033	.024	.032	.023	.017	.019	.014	.010	.006	.005	.003		
9.0	.050	.035	.024	.043	.030	.021	.030	.021	.015	.017	.012	.009	.006	.004	.003		
10.0	.047	.031	.021	.040	.027	.018	.028	.019	.013	.016	.011	.008	.005	.004	.003		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz Lamp Flux:1874.5x1 lm										
NAME: 2318.154-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310281283		
MFR.: RISE					SUR.: 0.001681m2			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	2.7	3.3	2.9	3.4	3.6	3.6	4.2	3.8	4.3	4.5
3H	2.7	3.2	2.9	3.4	3.6	3.6	4.1	3.8	4.3	4.5
4H	2.7	3.2	2.9	3.4	3.6	3.6	4.1	3.8	4.3	4.5
6H	2.6	3.1	2.9	3.3	3.6	3.6	4.0	3.8	4.3	4.5
8H	2.6	3.1	2.9	3.3	3.6	3.6	4.0	3.9	4.3	4.5
12H	2.6	3.1	2.9	3.3	3.6	3.6	4.0	3.9	4.3	4.5
4H 2H	2.6	3.1	2.8	3.3	3.5	3.5	4.0	3.7	4.2	4.4
3H	2.5	3.0	2.8	3.2	3.5	3.4	3.9	3.7	4.1	4.4
4H	2.5	2.9	2.8	3.2	3.5	3.4	3.8	3.8	4.1	4.4
6H	2.5	2.9	2.9	3.2	3.5	3.4	3.8	3.8	4.1	4.4
8H	2.5	2.8	2.9	3.2	3.5	3.4	3.8	3.8	4.1	4.5
12H	2.5	2.8	2.9	3.2	3.6	3.4	3.8	3.8	4.1	4.5
8H 4H	2.4	2.7	2.8	3.1	3.4	3.3	3.6	3.7	4.0	4.3
6H	2.4	2.7	2.8	3.1	3.5	3.3	3.6	3.7	4.0	4.4
8H	2.4	2.7	2.8	3.1	3.5	3.3	3.6	3.8	4.0	4.4
12H	2.5	2.7	2.9	3.1	3.6	3.4	3.6	3.8	4.0	4.5
12H 4H	2.3	2.7	2.7	3.0	3.4	3.2	3.6	3.6	3.9	4.3
6H	2.3	2.6	2.8	3.0	3.4	3.2	3.5	3.7	3.9	4.4
8H	2.4	2.6	2.8	3.0	3.5	3.3	3.5	3.7	3.9	4.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.9 / - 2.8					+ 2.0 / - 2.8				
1.5H	+ 3.3 / - 3.3					+ 3.3 / - 3.2				
2.0H	+ 3.4 / - 1.6					+ 3.2 / - 1.6				

CIE Pub.117, 1875 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)
Area: 0.001681 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.154-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310281283
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

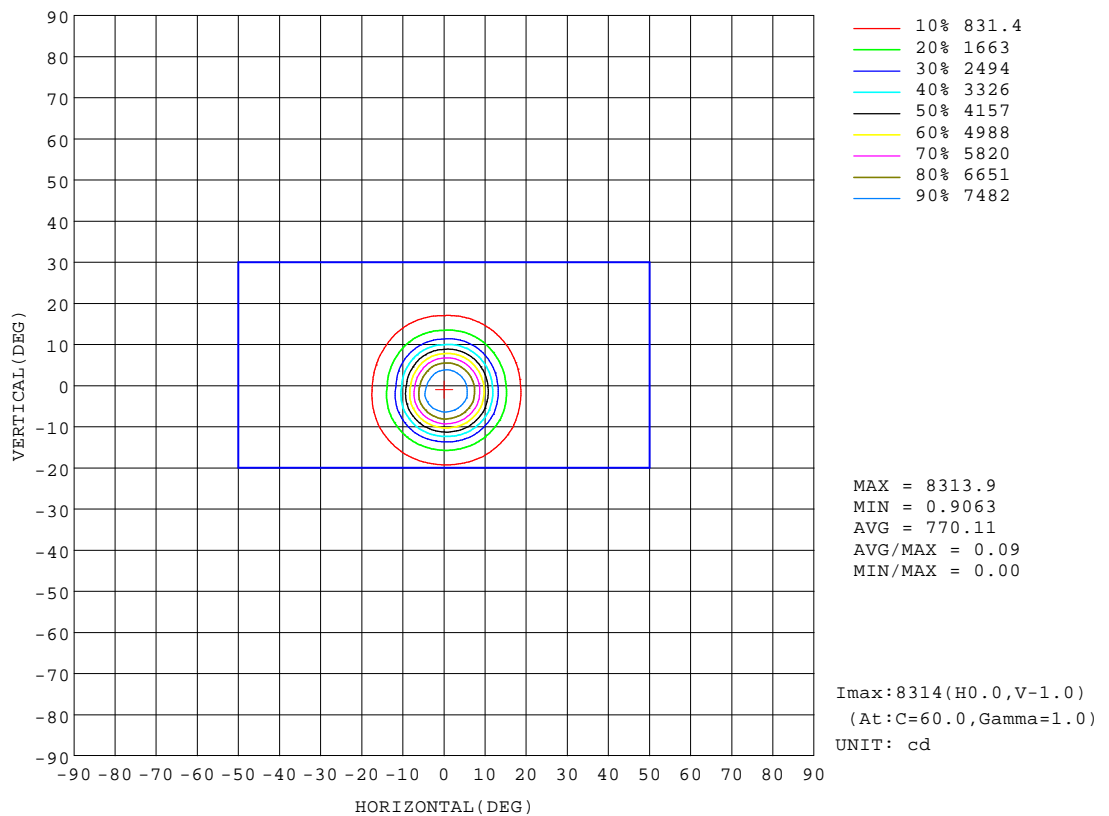
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	55	53	59	55	53	58	55	53	51
0.80	63	60	58	63	60	58	62	59	58	56
1.00	66	63	60	65	62	60	64	62	60	58
1.25	68	65	63	67	65	63	66	64	62	60
1.50	70	67	65	69	66	65	67	65	64	61
2.00	71	69	67	70	68	66	68	67	65	62
2.50	72	70	68	71	69	67	69	67	66	62
3.00	73	71	69	72	70	68	69	68	67	63
4.00	74	72	71	73	71	70	70	69	68	64
5.00	75	73	72	73	72	71	71	70	69	65
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:2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.154-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310281283
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

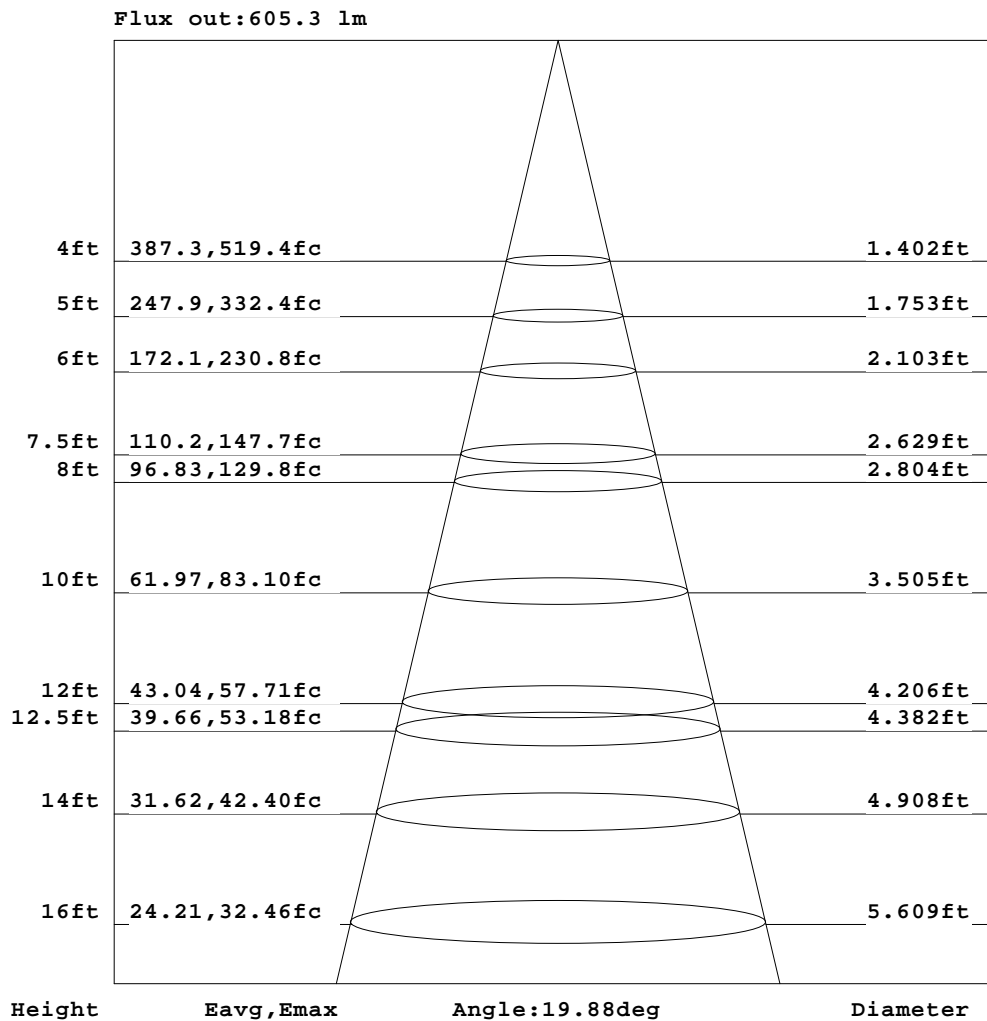


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:zoe
 Test Date:2023-10-28

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-1083 15R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

AAI Figure

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.154-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310281283
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



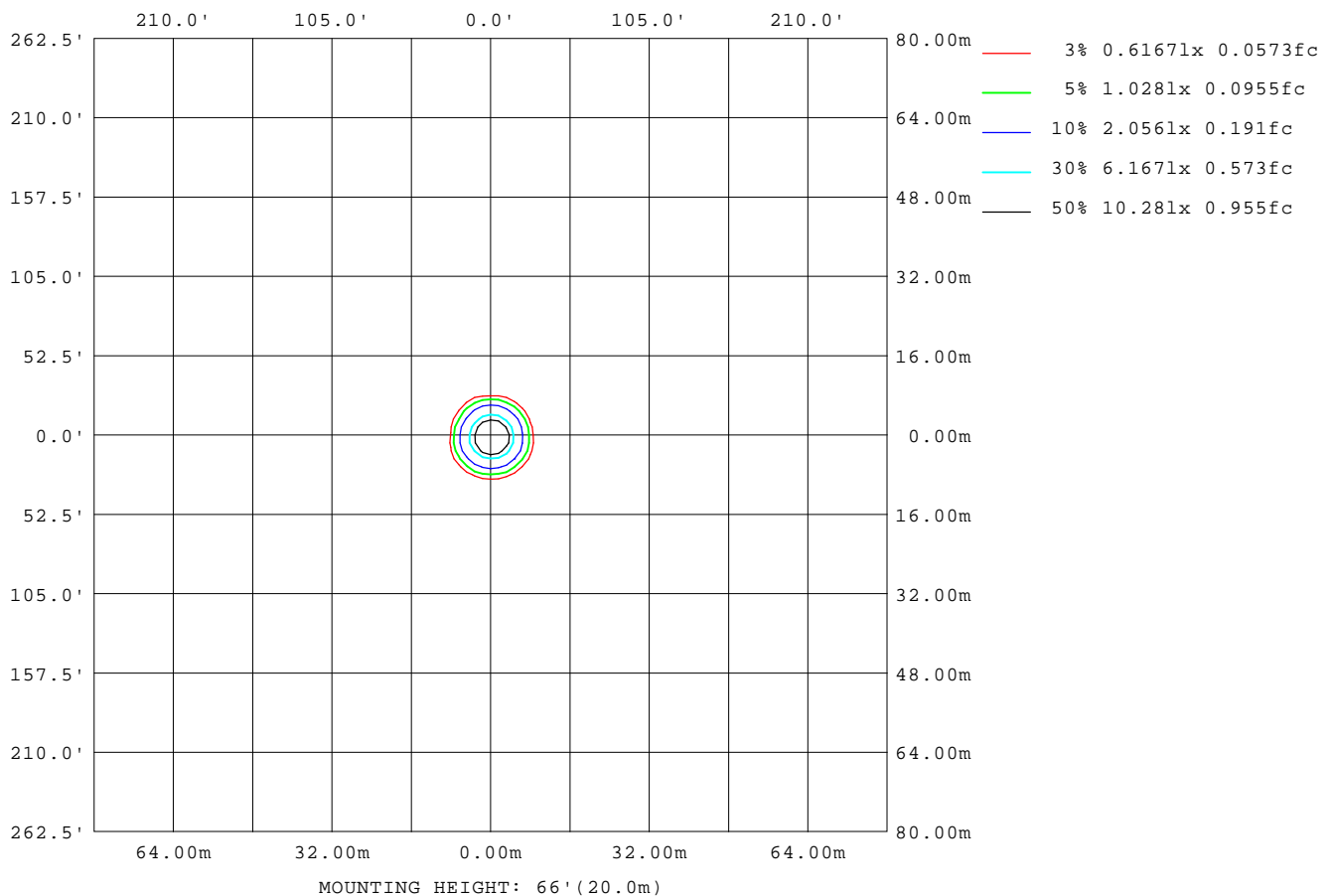
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.154-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310281283
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-28

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-1083 15R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LED Avg.L Report

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.154-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310281283
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

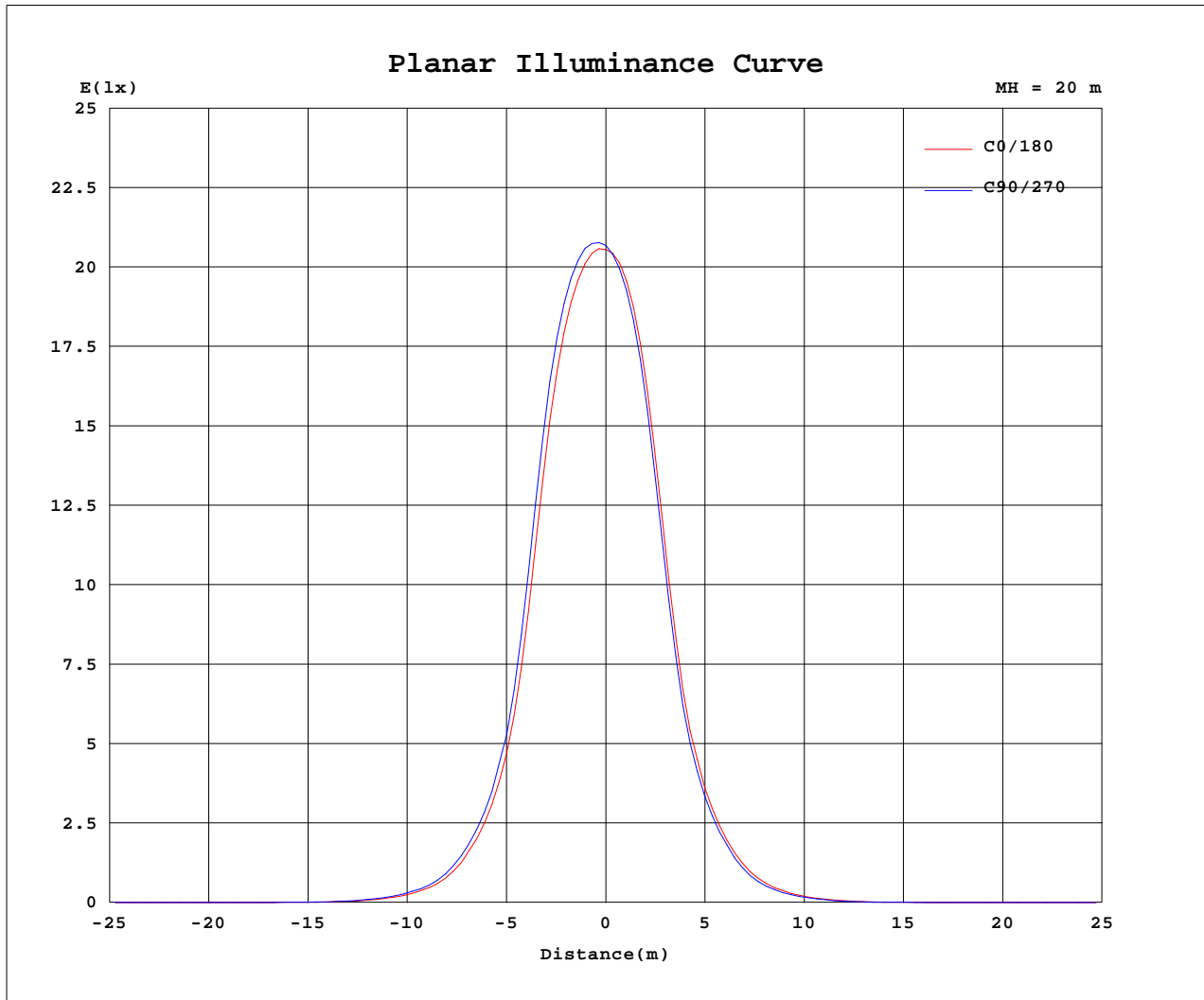
AvgL	cd/m2
L_0~180(65)av	1117
L_0~180(75)av	842
L_0~180(85)av	1359
L_90~270(65)av	979
L_90~270(75)av	831
L_90~270(85)av	1275
L_45(65)av	828
L_45(75)av	564
L_45(85)av	595

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-28

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-1083 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: 2023-10-28

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-1083 15R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.10V I:0.1667A P:19.908W PF:0.9936 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.154-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310281283
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	8263	8263	8263	8263	8263	8263	8263	8263	8263	8263	8263	8263						
5	7683	7906	7950	7940	7828	7590	7152	6882	6859	6903	7094	7353						
10	4737	5335	5439	5262	4887	4289	3511	3303	3246	3237	3646	4120						
15	1704	2032	2033	1947	1814	1601	1325	1233	1243	1215	1354	1486						
20	612	753	773	711	683	617	475	445	478	410	494	550						
25	201	276	276	234	247	231	159	170	164	136	175	196						
30	63.2	93.9	102	77.8	90.6	79.8	50.8	61.9	55.1	39.8	61.9	69.6						
35	15.2	31.4	34.7	20.7	32.4	28.1	12.4	20.3	15.4	10.0	19.3	22.5						
40	7.58	7.69	9.09	7.96	9.04	8.00	6.59	5.53	4.94	5.10	5.82	7.00						
45	4.55	4.50	4.77	4.67	4.65	5.00	4.13	3.16	2.67	2.60	3.61	4.53						
50	2.06	2.34	2.74	2.14	2.57	2.90	1.98	1.76	1.20	1.25	1.53	2.30						
55	1.52	1.12	1.17	1.40	1.36	1.73	1.52	0.78	0.74	1.01	0.86	1.36						
60	1.17	0.88	0.93	1.15	1.01	1.31	1.14	0.61	0.58	0.78	0.63	1.00						
65	0.81	0.65	0.71	0.86	0.74	0.89	0.77	0.41	0.37	0.53	0.42	0.65						
70	0.55	0.44	0.49	0.61	0.51	0.56	0.51	0.26	0.24	0.36	0.26	0.39						
75	0.38	0.29	0.33	0.43	0.34	0.35	0.36	0.18	0.19	0.29	0.16	0.24						
80	0.26	0.19	0.21	0.31	0.22	0.22	0.27	0.14	0.13	0.23	0.11	0.15						
85	0.19	0.11	0.13	0.22	0.13	0.12	0.21	0.08	0.08	0.16	0.07	0.08						
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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