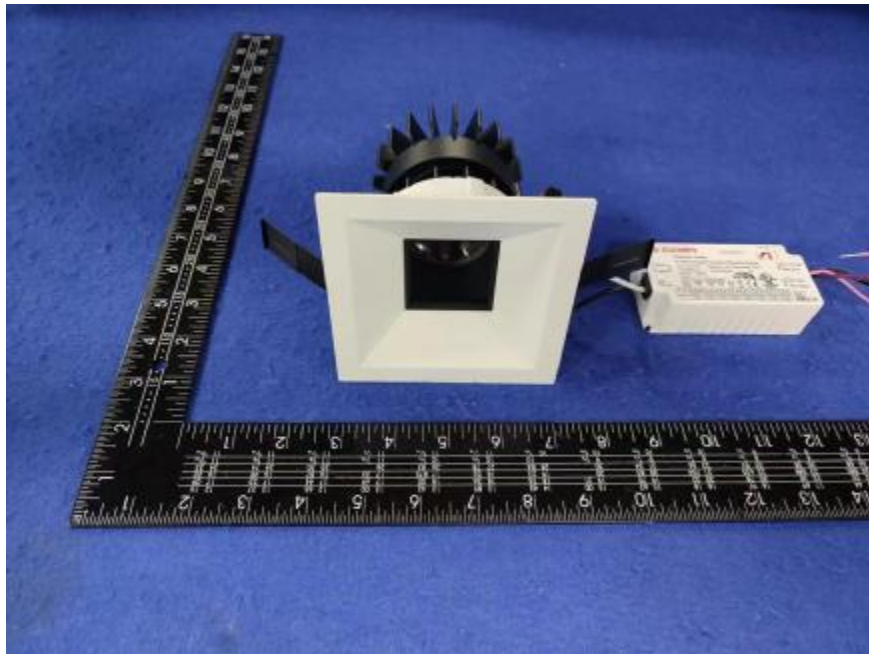


Luminaire Photograph



Light Output Ratio:	78.1%	
Luminaire Power:	20.96 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: 2024-7-24

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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

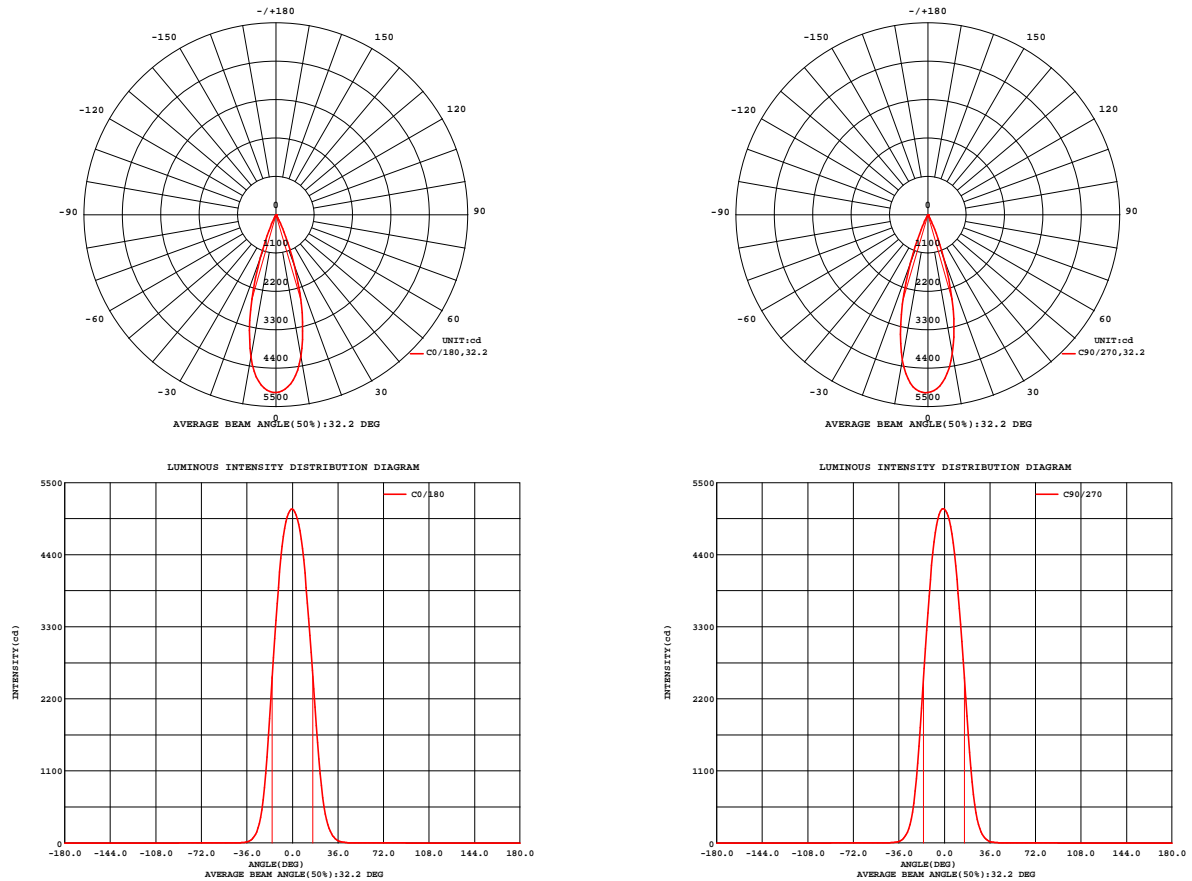


Fig. C0/C180

Fig. C90/C270

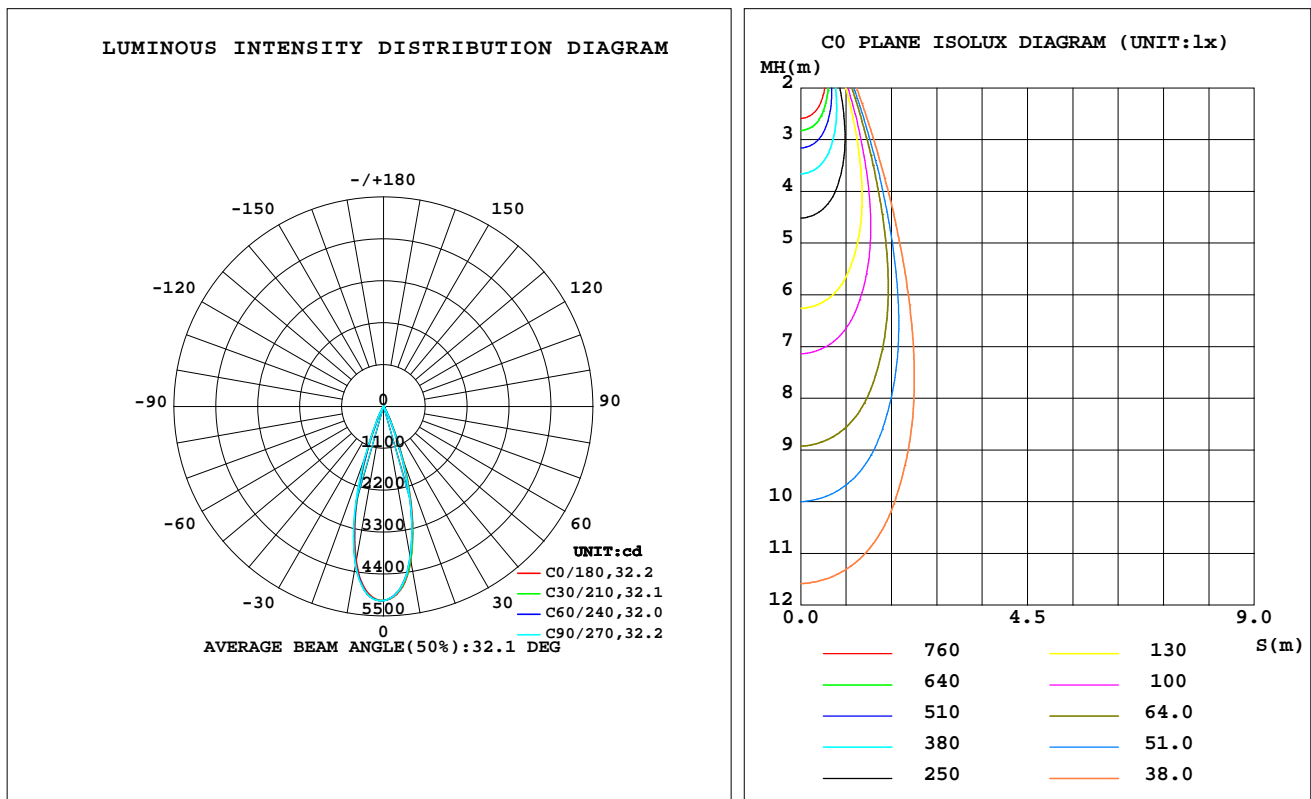
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-24

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

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.70 lm/W			
MODEL	Bridgelux	Imax(cd)	5102	S/MH(C0/180)	0.50
NOMINAL POWER(W)	20	LOR(%)	78.1	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1482.1	η UP,DN(C0-180)	0.0,38.7
NOMINAL FLUX(lm)	1897.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,39.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	78.1	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

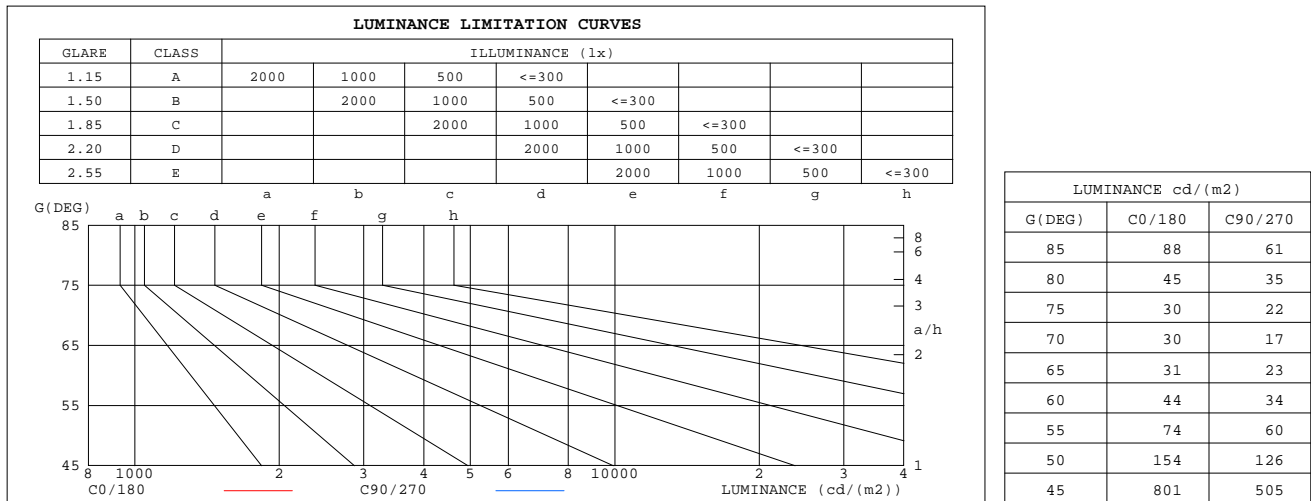
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	4119	4074	4022	4051	4134	4217	4237	4207	0- 10	442.5	442.5	29.9,23.3
20	1529	1442	1387	1274	1314	1363	1479	1519	10- 20	757.4	1200	81,63.2
30	176.9	165.6	131.5	121.6	99.19	108.0	128.0	164.0	20- 30	247.9	1448	97.7,76.3
40	12.89	13.46	8.439	9.240	5.666	8.991	7.895	12.92	30- 40	30.92	1479	99.8,77.9
50	0.6334	0.9447	0.5200	0.7685	0.4891	0.7923	0.5616	1.042	40- 50	2.945	1482	100,78.1
60	0.1398	0.1364	0.1072	0.1220	0.1184	0.1216	0.1144	0.1366	50- 60	0.2737	1482	100,78.1
70	0.0651	0.0400	0.0375	0.0364	0.0570	0.0349	0.0321	0.0388	60- 70	0.0726	1482	100,78.1
80	0.0502	0.0257	0.0385	0.0236	0.0481	0.0217	0.0344	0.0205	70- 80	0.0347	1482	100,78.1
90	0	0	0	0	0	0	0	0	80- 90	0.0252	1482	100,78.1
100	0	0	0	0	0	0	0	0	90-100	0	1482	100,78.1
110	0	0	0	0	0	0	0	0	100-110	0	1482	100,78.1
120	0	0	0	0	0	0	0	0	110-120	0	1482	100,78.1
130	0	0	0	0	0	0	0	0	120-130	0	1482	100,78.1
140	0	0	0	0	0	0	0	0	130-140	0	1482	100,78.1
150	0	0	0	0	0	0	0	0	140-150	0	1482	100,78.1
160	0	0	0	0	0	0	0	0	150-160	0	1482	100,78.1
170	0	0	0	0	0	0	0	0	160-170	0	1482	100,78.1
180	0	0	0	0	0	0	0	0	170-180	0	1482	100,78.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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

LUMINANCE LIMITATION CURVES

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



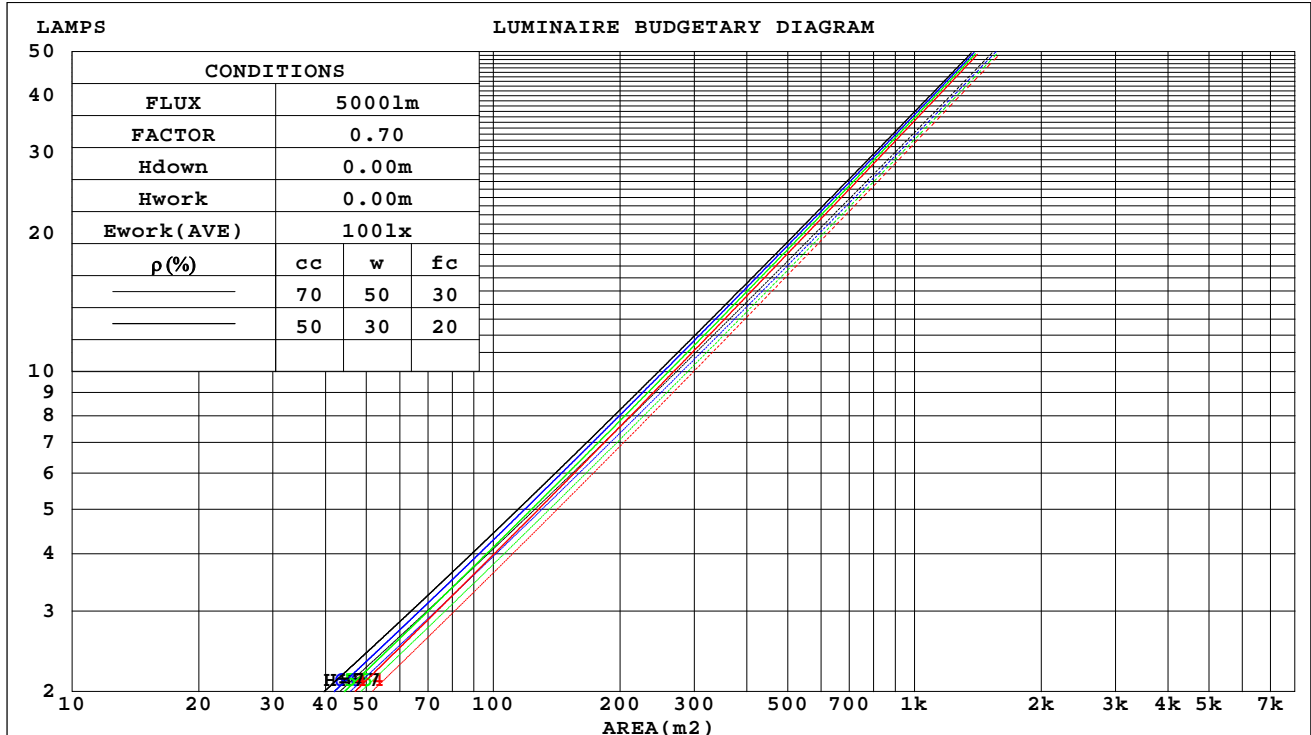
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	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															



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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

WEC AND CCEC

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	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	.107	.061	.019	.102	.058	.018	.092	.053	.017	.083	.048	.015	.075	.044	.014	
2.0	.099	.054	.017	.095	.052	.016	.087	.048	.015	.080	.045	.014	.073	.041	.013	
3.0	.093	.049	.015	.089	.048	.014	.082	.045	.014	.076	.042	.013	.070	.039	.012	
4.0	.087	.045	.013	.084	.044	.013	.078	.042	.012	.073	.039	.012	.068	.037	.011	
5.0	.082	.042	.012	.079	.041	.012	.075	.039	.011	.070	.037	.011	.066	.035	.011	
6.0	.078	.039	.011	.076	.038	.011	.071	.037	.011	.068	.035	.010	.064	.034	.010	
7.0	.074	.037	.010	.072	.036	.010	.069	.035	.010	.065	.033	.010	.062	.032	.009	
8.0	.071	.035	.010	.069	.034	.010	.066	.033	.009	.063	.032	.009	.060	.031	.009	
9.0	.068	.033	.009	.066	.032	.009	.063	.031	.009	.061	.031	.009	.058	.030	.009	
10.0	.065	.031	.009	.064	.031	.009	.061	.030	.008	.059	.029	.008	.057	.029	.008	

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	.149	.149	.149	.127	.127	.127	.087	.087	.087	.050	.050	.050	.016	.016	.016	
1.0	.131	.123	.116	.113	.106	.099	.077	.073	.069	.044	.042	.040	.014	.014	.013	
2.0	.117	.104	.092	.101	.089	.080	.069	.062	.056	.040	.036	.033	.013	.012	.011	
3.0	.106	.088	.075	.091	.076	.065	.062	.053	.045	.036	.031	.027	.012	.010	.009	
4.0	.096	.076	.062	.082	.066	.054	.057	.046	.038	.033	.027	.022	.011	.009	.007	
5.0	.088	.067	.051	.075	.058	.045	.052	.040	.032	.030	.024	.019	.010	.008	.006	
6.0	.081	.059	.043	.070	.051	.038	.048	.036	.027	.028	.021	.016	.009	.007	.005	
7.0	.075	.053	.037	.065	.046	.032	.045	.032	.023	.026	.019	.014	.008	.006	.004	
8.0	.070	.047	.032	.060	.041	.028	.042	.029	.020	.024	.017	.012	.008	.006	.004	
9.0	.066	.043	.028	.057	.037	.024	.039	.026	.017	.023	.016	.010	.007	.005	.003	
10.0	.062	.039	.024	.053	.034	.021	.037	.024	.015	.022	.014	.009	.007	.005	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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

UGR(Unified Glare Rating) Table

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm										
NAME: 2418.119-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407240940		
MFR.: RISE					SUR.: 0.0064m2			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	2.6	3.3	2.8	3.4	3.6	0.9	1.6	1.1	1.7	1.9
3H	2.5	3.1	2.7	3.3	3.4	0.8	1.4	1.0	1.6	1.7
4H	2.4	3.0	2.6	3.2	3.4	0.7	1.3	0.9	1.5	1.7
6H	2.3	2.8	2.6	3.1	3.3	0.6	1.2	0.9	1.4	1.6
8H	2.3	2.8	2.5	3.0	3.3	0.6	1.1	0.9	1.3	1.6
12H	2.2	2.7	2.5	3.0	3.2	0.5	1.0	0.8	1.3	1.5
4H 2H	2.4	3.0	2.6	3.2	3.4	0.7	1.3	0.9	1.5	1.7
3H	2.2	2.7	2.5	3.0	3.2	0.5	1.0	0.8	1.3	1.5
4H	2.1	2.6	2.4	2.9	3.2	0.4	0.9	0.8	1.2	1.5
6H	2.0	2.4	2.4	2.7	3.1	0.3	0.7	0.7	1.1	1.4
8H	2.0	2.3	2.3	2.7	3.0	0.3	0.7	0.6	1.0	1.4
12H	1.9	2.3	2.3	2.6	3.0	0.2	0.6	0.6	0.9	1.3
8H 4H	2.0	2.3	2.3	2.7	3.0	0.3	0.6	0.6	1.0	1.4
6H	1.8	2.2	2.3	2.5	3.0	0.2	0.5	0.6	0.9	1.3
8H	1.8	2.1	2.2	2.5	2.9	0.1	0.4	0.5	0.8	1.2
12H	1.7	2.0	2.2	2.4	2.9	0.0	0.3	0.5	0.7	1.2
12H 4H	1.9	2.3	2.3	2.6	3.0	0.2	0.6	0.6	0.9	1.3
6H	1.8	2.1	2.2	2.5	2.9	0.1	0.4	0.5	0.8	1.2
8H	1.7	2.0	2.2	2.4	2.9	0.0	0.3	0.5	0.7	1.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.8 / -19.2					+ 3.1 / -18.1				
1.5H	+ 6.5 / -17.4					+ 5.7 / -16.1				
2.0H	+ 7.5 / - 8.8					+ 6.8 / - 7.6				

CIE Pub.117, 1898 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)
Area: 0.0064 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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

UTILIZATION FACTORS TABLE

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

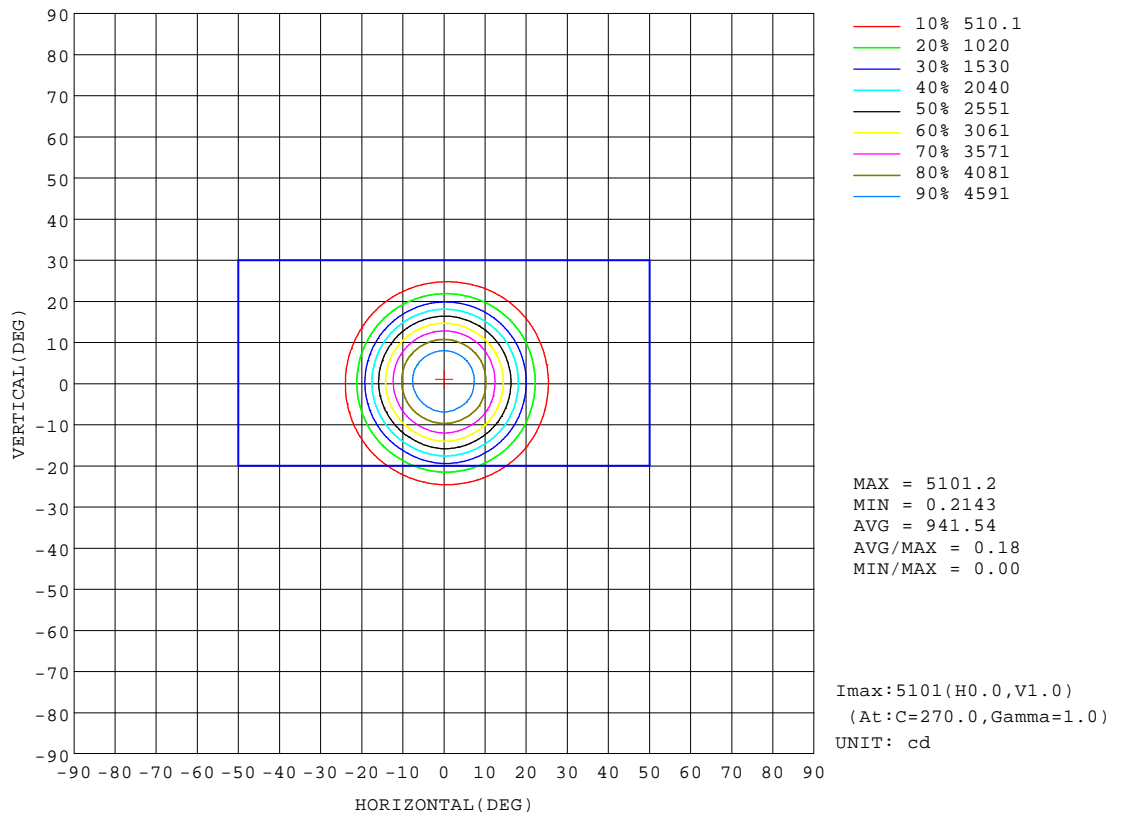
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	71	67	64	71	67	64	70	67	64	62
0.80	77	73	70	76	73	70	75	72	70	67
1.00	80	76	73	79	75	73	78	75	73	70
1.25	82	79	76	82	78	76	80	77	76	73
1.50	84	81	79	83	80	78	82	79	77	74
2.00	86	83	81	85	82	80	83	81	79	75
2.50	87	84	82	86	83	82	83	82	80	76
3.00	88	86	84	87	85	83	84	83	81	76
4.00	90	88	86	88	86	85	85	84	83	78
5.00	90	89	88	89	87	86	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:2024-7-24

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

ISOCANDELA DIAGRAM

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

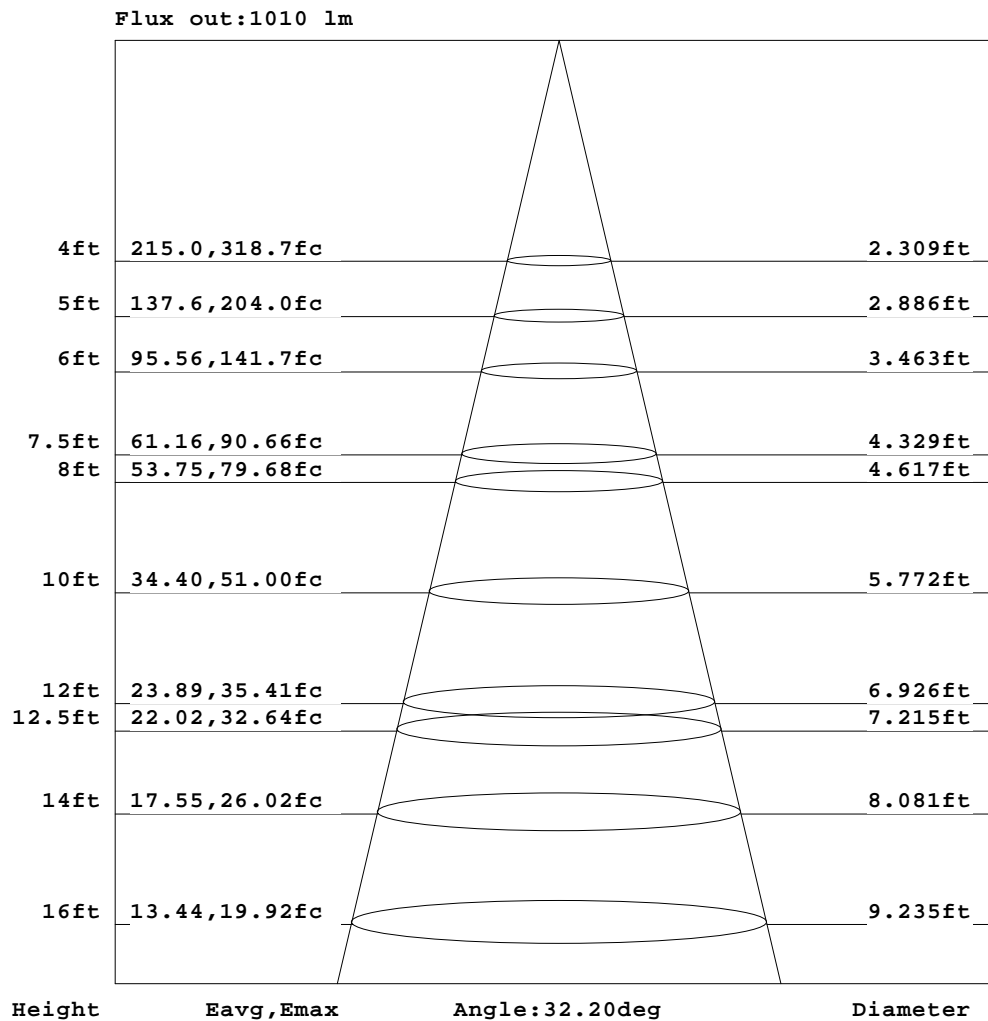


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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

AAI Figure

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



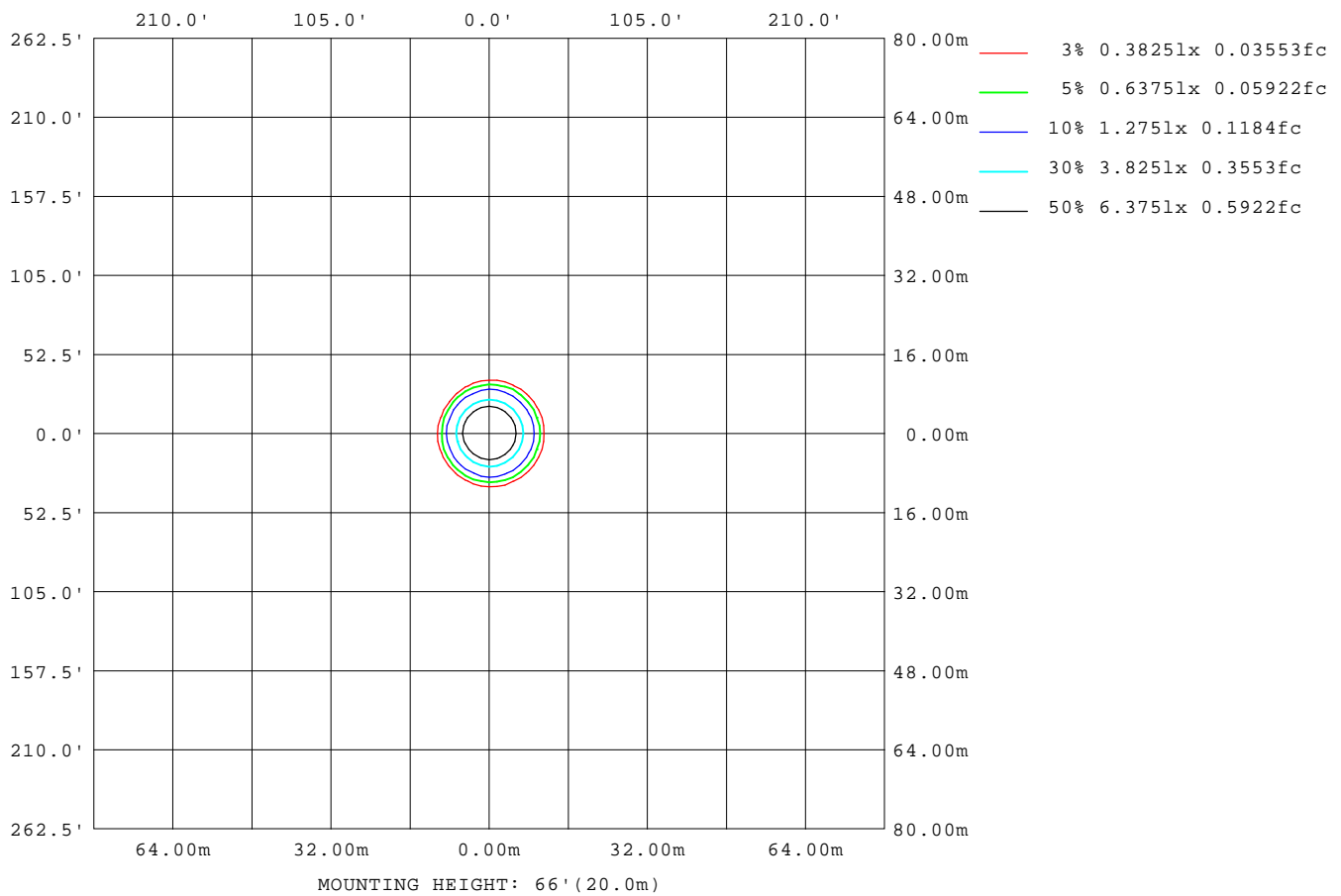
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2024-7-24

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

ISOLUX DIAGRAM

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:zoe
Test Date:2024-7-24

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

LED Avg.L Report

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

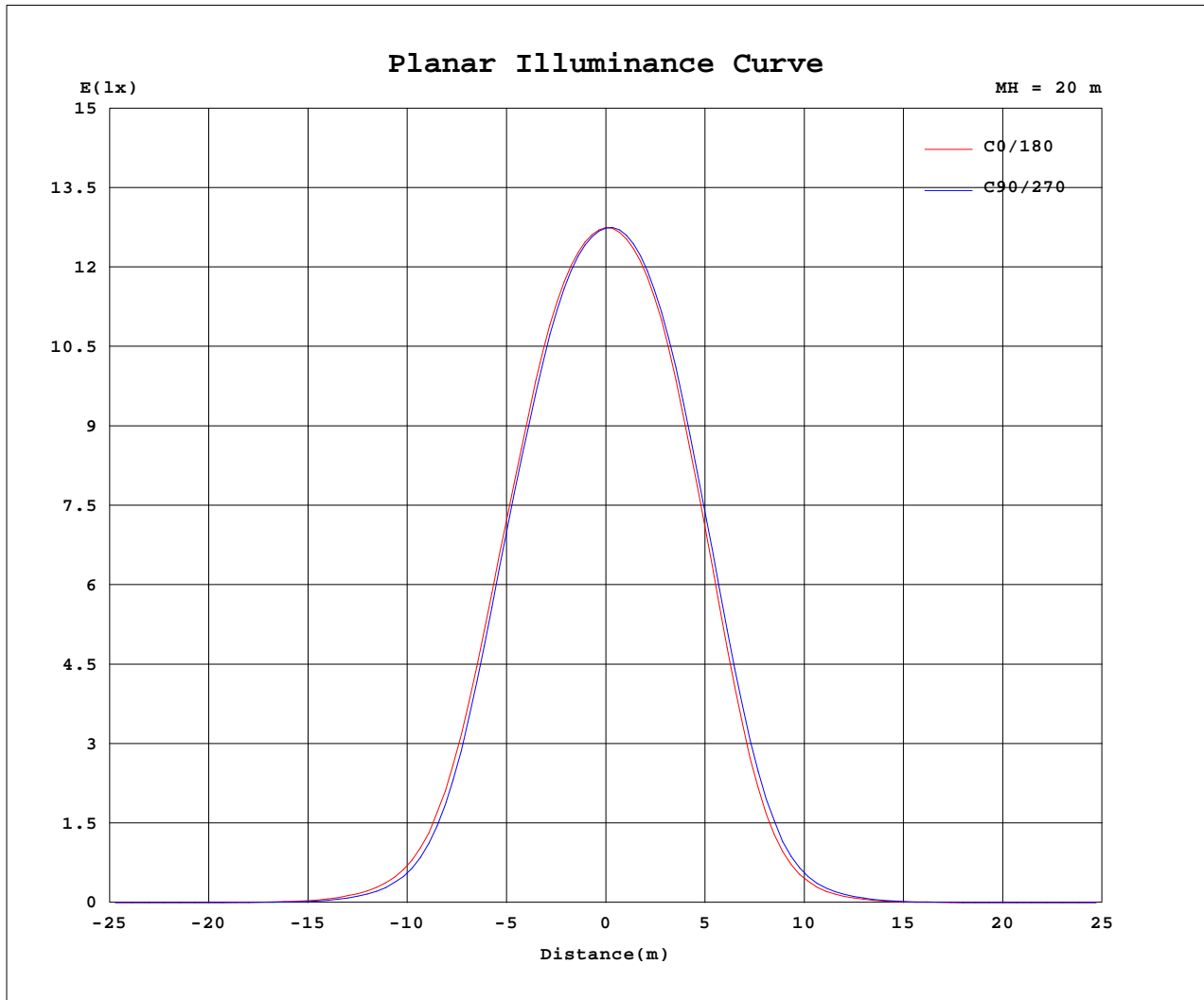
AvgL	cd/m2
L_0~180(65)av	30
L_0~180(75)av	29
L_0~180(85)av	86
L_90~270(65)av	23
L_90~270(75)av	20
L_90~270(85)av	56
L_45(65)av	25
L_45(75)av	15
L_45(85)av	25

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-24

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-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: 2024-7-24

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



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.05V I:0.1756A P:20.963W PF:0.9935 Freq:59.98Hz Lamp Flux:1897.7x1 lm		
NAME: 2418.119-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407240940
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	5096	5096	5096	5096	5096	5096	5096	5096	5096	5096	5096	5096						
5	4863	4841	4824	4829	4829	4856	4899	4931	4940	4943	4929	4900						
10	4119	4108	4040	4022	4021	4081	4134	4214	4220	4237	4218	4195						
15	2910	2850	2796	2802	2706	2726	2824	2860	2907	2963	2947	2940						
20	1529	1475	1410	1387	1276	1271	1314	1328	1398	1479	1503	1535						
25	556	531	489	460	416	397	388	380	426	473	519	546						
30	177	174	157	132	128	115	99.2	100	116	128	159	169						
35	50.7	57.6	50.2	31.5	39.7	34.7	23.4	31.2	35.2	31.8	49.5	52.7						
40	12.9	14.8	12.1	8.44	10.1	8.40	5.67	8.81	9.17	7.90	12.6	13.2						
45	3.62	4.63	3.40	2.29	3.33	2.78	1.67	3.13	3.33	2.62	3.86	4.29						
50	0.63	0.99	0.90	0.52	0.78	0.76	0.49	0.77	0.81	0.56	1.04	1.04						
55	0.27	0.30	0.25	0.22	0.23	0.25	0.22	0.26	0.23	0.23	0.25	0.29						
60	0.14	0.15	0.12	0.11	0.11	0.14	0.12	0.13	0.11	0.11	0.13	0.15						
65	0.08	0.08	0.06	0.06	0.06	0.07	0.08	0.07	0.06	0.06	0.06	0.08						
70	0.07	0.04	0.04	0.04	0.03	0.04	0.06	0.04	0.03	0.03	0.03	0.05						
75	0.05	0.03	0.03	0.04	0.03	0.03	0.05	0.03	0.02	0.03	0.02	0.03						
80	0.05	0.02	0.03	0.04	0.02	0.03	0.05	0.02	0.02	0.03	0.02	0.02						
85	0.05	0.02	0.02	0.03	0.02	0.02	0.05	0.02	0.01	0.03	0.01	0.02						
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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