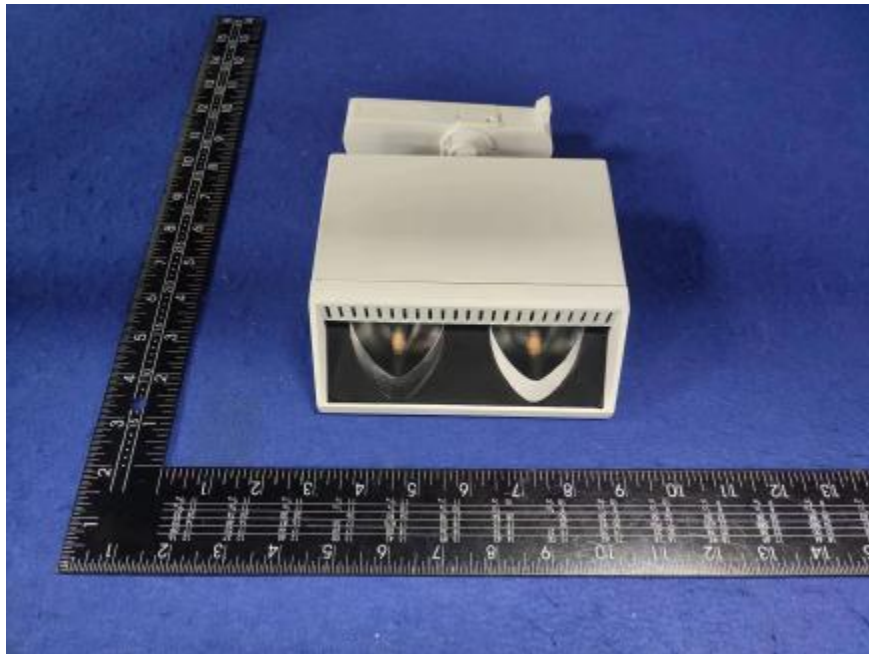


### Luminaire Photograph



Light Output Ratio:	100.0%	
Luminaire Power:	27.2 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: 2024-4-19

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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  
REFLECTOR: PM-0128B Wallwash  
DRIVER: PRO-UA3285 700mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

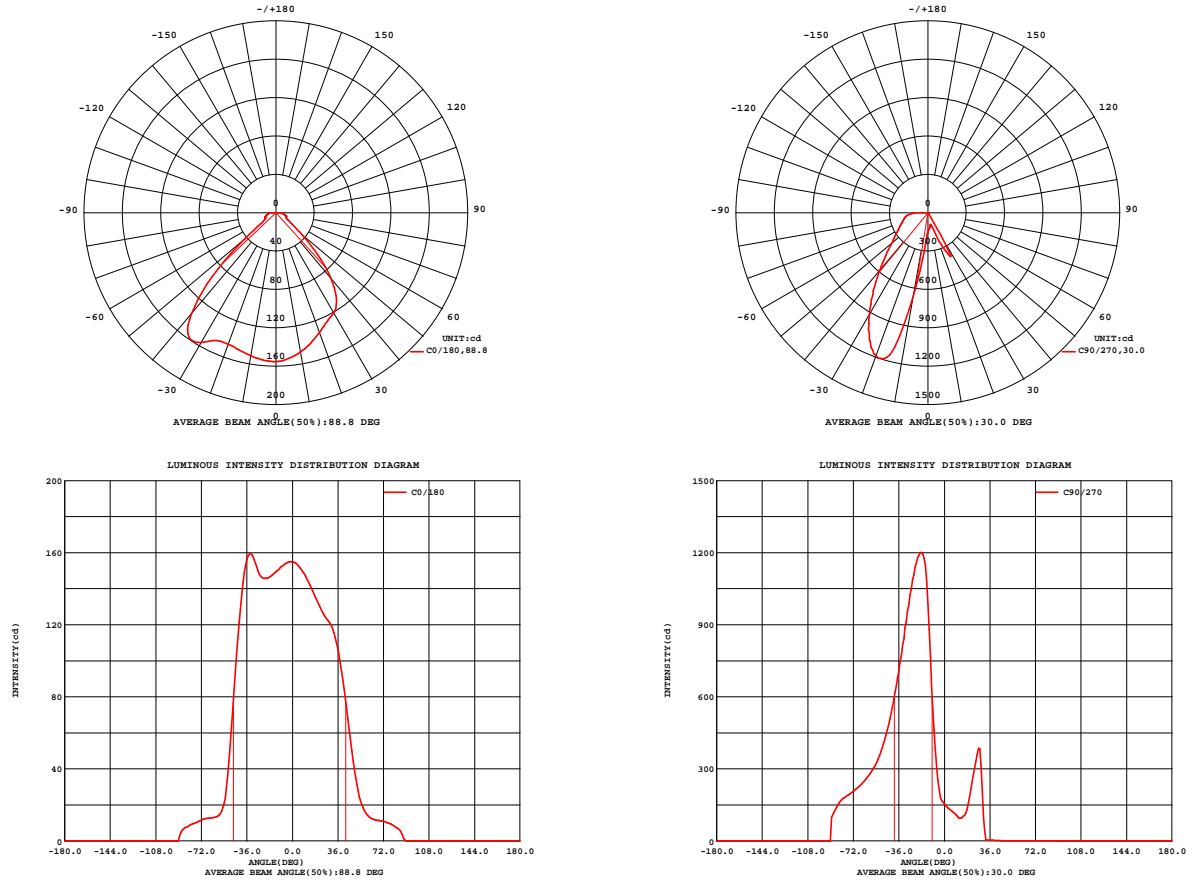


Fig. C0/C180

Fig. C90/C270

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators: zoe  
 Test Date: 2024-4-19

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  
 REFLECTOR: PM-0128B Wallwash  
 DRIVER: PRO-UA3285 700mA  
 30minutes warm-up

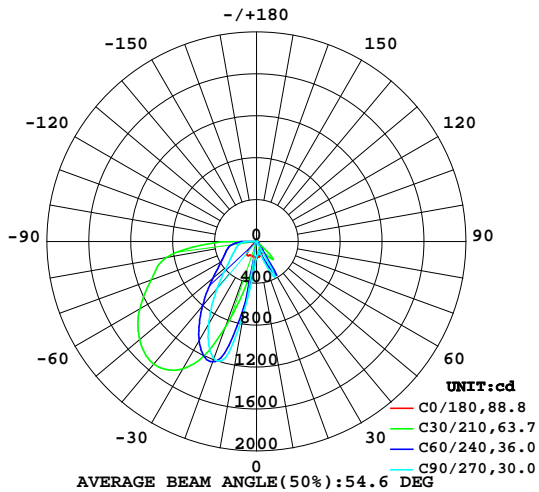
## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz  
Lamp Flux:2144.4x1 lm

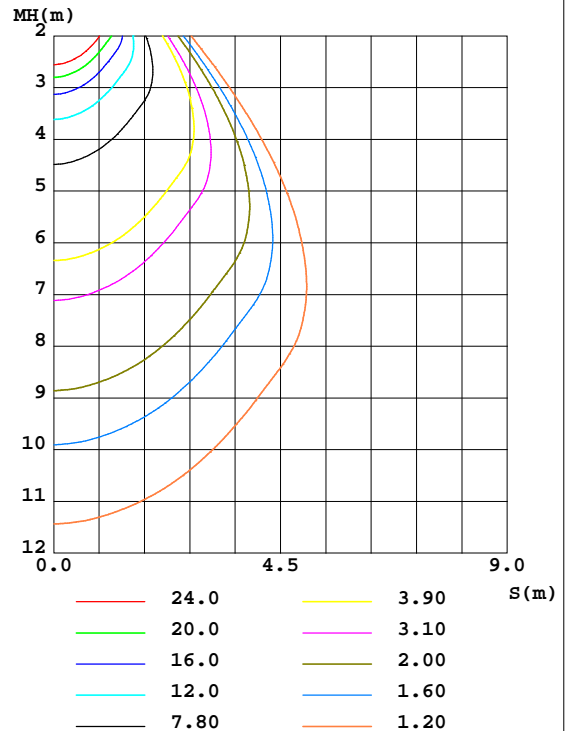
NAME: 2219.200B-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2404190503
MFR.: RISE	SUR.: 0.005904m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.83 lm/W			
MODEL	Brideglux	I <sub>max</sub> (cd)	1675	S/MH(C0/180)	1.37
NOMINAL POWER(W)	27	LOR(%)	100.0	S/MH(C90/270)	2.34
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2144.4	η UP,DN(C0-180)	0.0,6.0
NOMINAL FLUX(lm)	2144.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,94.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-4-19

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  
REFLECTOR:PM-0128B Wallwash  
DRIVER:PRO-UA3285 700mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	147.4	117.2	104.9	116.9	151.2	413.0	652.7	374.9	0- 10	18.94	18.94	0.88,0.88
20	132.7	108.0	183.8	102.8	145.8	1041	1189	995.3	10- 20	116.8	135.7	6.33,6.33
30	120.6	226.4	201.5	210.1	156.1	1250	911.4	1299	20- 30	270.9	406.6	19,19
40	89.24	106.7	2.285	87.90	136.5	1167	585.5	1270	30- 40	344.1	750.7	35,35
50	35.34	12.01	0.2113	26.00	44.28	1002	371.4	1124	40- 50	353.9	1105	51.5,51.5
60	13.89	2.210	0.0636	2.602	13.35	842.3	271.0	957.2	50- 60	319.8	1424	66.4,66.4
70	11.19	0.2808	0.1595	0.3366	12.10	696.2	214.5	806.9	60- 70	293.5	1718	80.1,80.1
80	8.547	0.9451	0.4330	1.058	9.079	566.5	177.3	641.8	70- 80	259.2	1977	92.2,92.2
90	0	0	0	0	0	0	0	0	80- 90	167.3	2144	100,100
100	0	0	0	0	0	0	0	0	90-100	0	2144	100,100
110	0	0	0	0	0	0	0	0	100-110	0	2144	100,100
120	0	0	0	0	0	0	0	0	110-120	0	2144	100,100
130	0	0	0	0	0	0	0	0	120-130	0	2144	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2144	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2144	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2144	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2144	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2144	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-4-19

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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  
REFLECTOR:PM-0128B Wallwash  
DRIVER:PRO-UA3285 700mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz  
Lamp Flux:2144.4x1 lm

NAME: 2219.200B-AM

TYPE:

WEIGHT:

SPEC.: 3000K

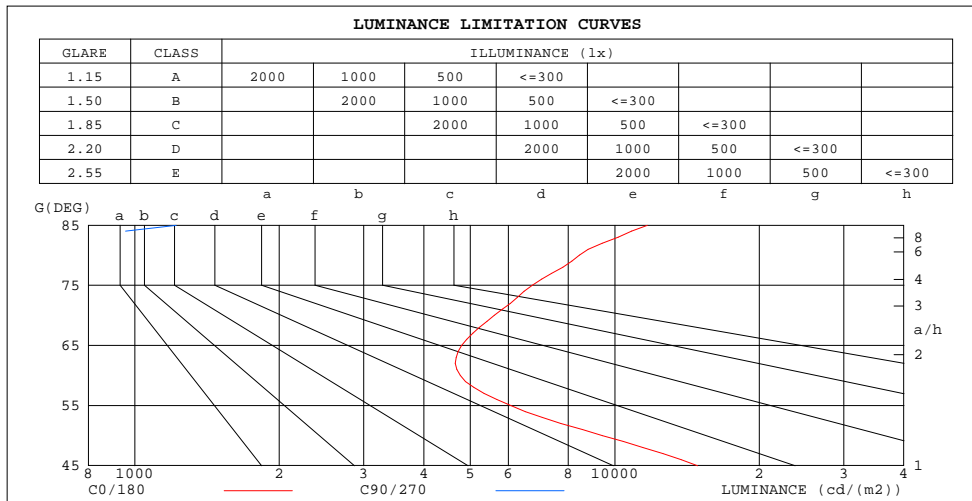
DIM.:

SERIAL No.: 2404190503

MFR.: RISE

SUR.: 0.005904m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	11688	1218
80	8441	422
75	6733	174
70	5610	79
65	4800	37
60	4763	22
55	6076	19
50	9428	56
45	14870	285

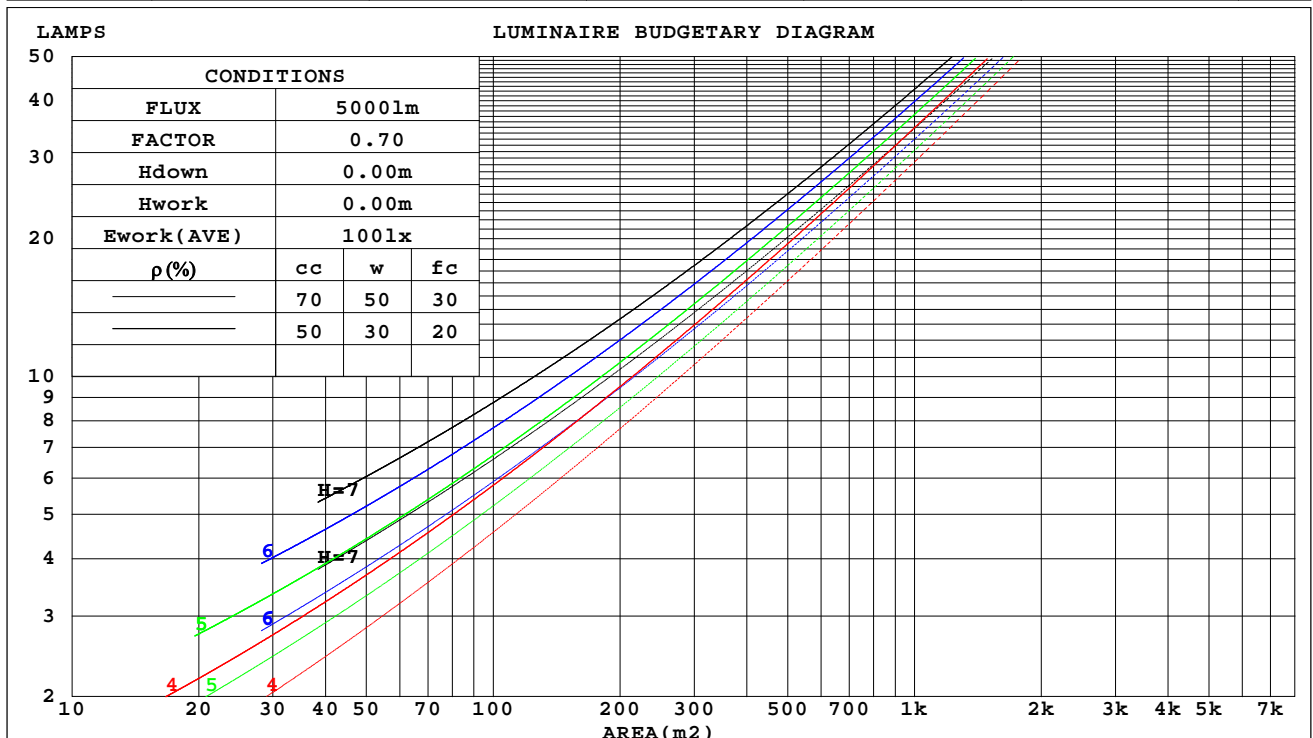
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-4-19

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  
REFLECTOR:PM-0128B Wallwash  
DRIVER:PRO-UA3285 700mA  
30minutes warm-up

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz Lamp Flux:2144.4x1 lm		
NAME: 2219.200B-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2404190503
MFR.: RISE	SUR.: 0.005904m2	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0														
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
$\rho_{fc}$	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Coefficients of Utilization(CU)														
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00														
1.0	.99	.93	.88	.97	.91	.87	.92	.88	.84	.88	.85	.81	.84	.81	.79	.76														
2.0	.84	.76	.69	.82	.74	.68	.78	.72	.66	.75	.69	.65	.72	.67	.63	.61														
3.0	.73	.63	.55	.71	.62	.55	.68	.60	.54	.65	.58	.53	.62	.57	.52	.49														
4.0	.63	.53	.46	.62	.53	.45	.59	.51	.45	.57	.50	.44	.55	.48	.43	.41														
5.0	.56	.46	.39	.55	.45	.38	.53	.44	.38	.51	.43	.37	.49	.42	.37	.35														
6.0	.50	.40	.33	.49	.40	.33	.47	.39	.33	.45	.38	.32	.44	.37	.32	.30														
7.0	.45	.35	.29	.44	.35	.29	.42	.34	.28	.41	.34	.28	.40	.33	.28	.26														
8.0	.41	.31	.25	.40	.31	.25	.39	.31	.25	.37	.30	.25	.36	.29	.24	.22														
9.0	.37	.28	.22	.36	.28	.22	.35	.27	.22	.34	.27	.22	.33	.26	.22	.20														
10.0	.34	.25	.20	.33	.25	.20	.32	.25	.20	.31	.24	.19	.30	.24	.19	.17														



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2024-4-19

```

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
          REFLECTOR:PM-0128B Wallwash
          DRIVER:PRO-UA3285 700mA
          30minutes warm-up

```



## WEC AND CCEC

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz Lamp Flux:2144.4x1 lm		
NAME: 2219.200B-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2404190503
MFR.: RISE	SUR.: 0.005904m2	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	.405	.230	.073	.398	.227	.072	.384	.220	.070	.371	.214	.069	.359	.208	.067			
2.0	.353	.193	.059	.346	.191	.059	.334	.186	.058	.323	.181	.057	.312	.177	.056			
3.0	.313	.167	.050	.308	.165	.050	.297	.161	.049	.287	.157	.048	.277	.154	.048			
4.0	.282	.147	.043	.277	.145	.043	.267	.142	.042	.258	.139	.042	.250	.136	.041			
5.0	.256	.130	.038	.252	.129	.038	.243	.126	.037	.235	.124	.037	.228	.122	.037			
6.0	.234	.118	.034	.230	.116	.033	.223	.114	.033	.216	.112	.033	.209	.110	.033			
7.0	.216	.107	.030	.212	.106	.030	.206	.104	.030	.199	.102	.030	.193	.100	.030			
8.0	.200	.098	.028	.197	.097	.027	.191	.095	.027	.185	.094	.027	.180	.092	.027			
9.0	.187	.090	.025	.184	.090	.025	.178	.088	.025	.173	.087	.025	.168	.085	.025			
10.0	.175	.084	.023	.172	.083	.023	.167	.082	.023	.162	.081	.023	.158	.080	.023			

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.187	.155	.127	.160	.133	.109	.109	.092	.075	.063	.053	.044	.020	.017	.014	
2.0	.180	.132	.091	.154	.113	.078	.106	.078	.055	.061	.046	.032	.020	.015	.010	
3.0	.173	.115	.068	.148	.099	.059	.102	.069	.041	.059	.040	.024	.019	.013	.008	
4.0	.165	.102	.053	.142	.088	.046	.097	.061	.033	.056	.036	.019	.018	.012	.006	
5.0	.157	.092	.043	.135	.079	.038	.093	.055	.027	.054	.033	.016	.017	.011	.005	
6.0	.149	.083	.036	.128	.072	.031	.089	.051	.022	.051	.030	.013	.017	.010	.004	
7.0	.142	.077	.031	.122	.066	.027	.084	.047	.019	.049	.027	.011	.016	.009	.004	
8.0	.135	.071	.027	.116	.061	.023	.080	.043	.017	.047	.025	.010	.015	.008	.003	
9.0	.128	.066	.024	.111	.057	.021	.077	.040	.015	.045	.024	.009	.014	.008	.003	
10.0	.122	.062	.021	.105	.054	.019	.073	.038	.013	.043	.022	.008	.014	.007	.003	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-4-19

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  
REFLECTOR:PM-0128B Wallwash  
DRIVER:PRO-UA3285 700mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz Lamp Flux:2144.4x1 lm										
NAME: 2219.200B-AM					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2404190503		
MFR.: RISE					SUR.: 0.005904m2			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	11.5	13.2	11.8	13.4	13.7	4.8	6.5	5.1	6.7	6.9
3H	11.5	13.1	11.8	13.3	13.6	4.5	6.1	4.8	6.4	6.6
4H	11.6	13.1	11.9	13.4	13.7	4.4	5.9	4.7	6.2	6.5
6H	11.9	13.4	12.3	13.6	13.9	4.3	5.7	4.7	6.0	6.3
8H	12.2	13.5	12.5	13.8	14.1	4.3	5.7	4.6	6.0	6.3
12H	12.4	13.8	12.8	14.1	14.4	4.2	5.6	4.6	5.9	6.2
4H 2H	11.2	12.7	11.5	12.9	13.2	4.4	6.0	4.8	6.2	6.5
3H	11.1	12.5	11.5	12.8	13.1	4.2	5.6	4.6	5.9	6.2
4H	11.3	12.6	11.7	12.9	13.2	4.1	5.3	4.5	5.7	6.0
6H	11.8	12.9	12.2	13.2	13.6	4.0	5.1	4.4	5.5	5.9
8H	12.1	13.2	12.5	13.5	13.9	4.0	5.1	4.4	5.4	5.8
12H	12.6	13.6	13.0	14.0	14.4	4.0	5.0	4.5	5.4	5.8
8H 4H	11.2	12.2	11.6	12.6	13.0	4.0	5.0	4.4	5.4	5.8
6H	11.6	12.5	12.1	12.9	13.4	3.9	4.8	4.4	5.2	5.7
8H	12.1	12.9	12.5	13.3	13.8	4.0	4.8	4.4	5.2	5.7
12H	12.7	13.4	13.2	13.9	14.4	4.1	4.8	4.6	5.2	5.7
12H 4H	11.1	12.1	11.5	12.5	12.9	4.0	5.0	4.4	5.3	5.8
6H	11.6	12.4	12.1	12.8	13.3	4.0	4.8	4.4	5.2	5.7
8H	12.0	12.8	12.5	13.2	13.7	4.0	4.8	4.5	5.2	5.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.2 / - 3.7					+ 3.8 / - 7.6				
1.5H	+ 3.6 / - 5.1					+ 8.9 / - 7.4				
2.0H	+ 6.1 / - 3.2					+ 1.3 / - 1.2				

CIE Pub.117, 2144 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.7)  
Area: 0.005904 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-4-19

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  
REFLECTOR:PM-0128B Wallwash  
DRIVER:PRO-UA3285 700mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz Lamp Flux:2144.4x1 lm		
NAME: 2219.200B-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2404190503
MFR.: RISE	SUR.: 0.005904m2	Shielding Angle:

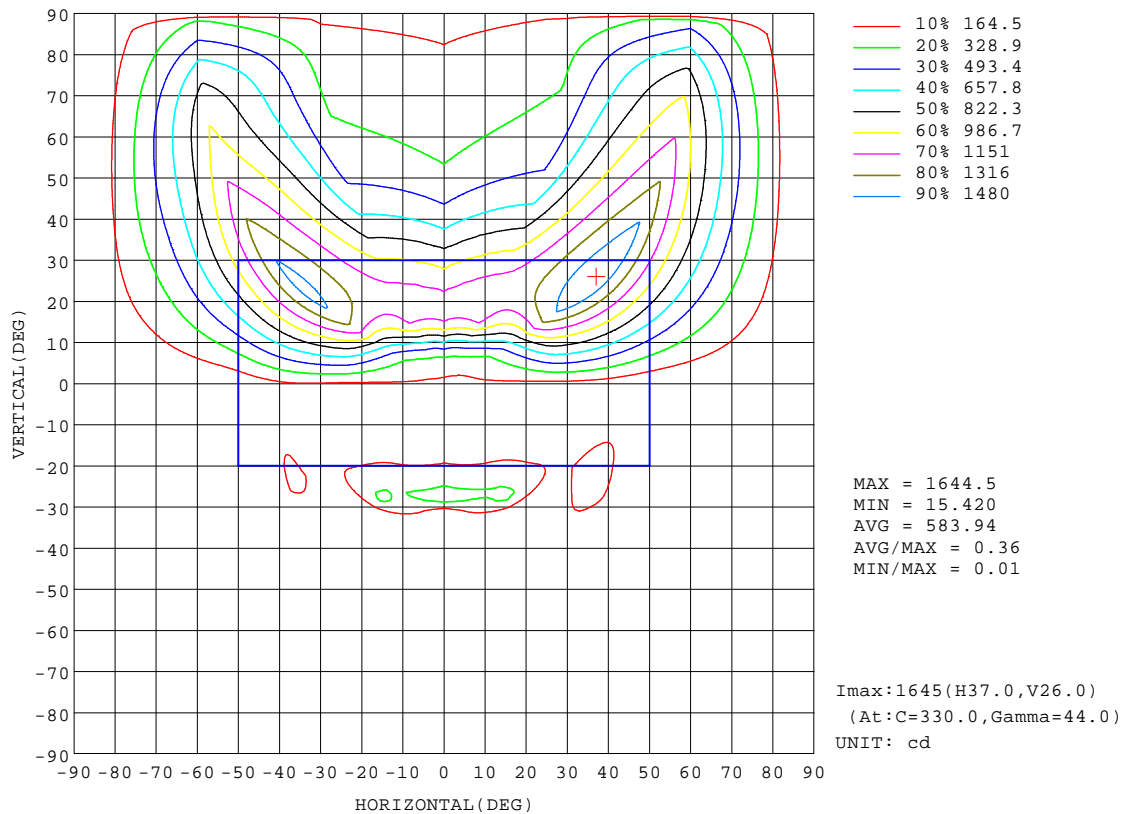
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	52	40	32	52	40	32	50	39	32	25
0.80	62	49	41	61	49	41	59	48	40	33
1.00	70	57	49	69	57	49	66	59	48	40
1.25	77	65	57	75	64	56	73	63	55	47
1.50	82	71	62	80	70	62	77	68	61	52
2.00	89	79	71	87	78	70	84	75	69	60
2.50	94	84	77	92	83	76	87	80	74	65
3.00	97	89	82	95	87	81	91	84	79	69
4.00	102	95	89	100	93	87	95	89	85	75
5.00	105	99	93	102	97	92	98	93	89	79
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:2024-4-19

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  
REFLECTOR:PM-0128B Wallwash  
DRIVER:PRO-UA3285 700mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz Lamp Flux:2144.4x1 lm		
NAME: 2219.200B-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2404190503
MFR.: RISE	SUR.: 0.005904m2	Shielding Angle:



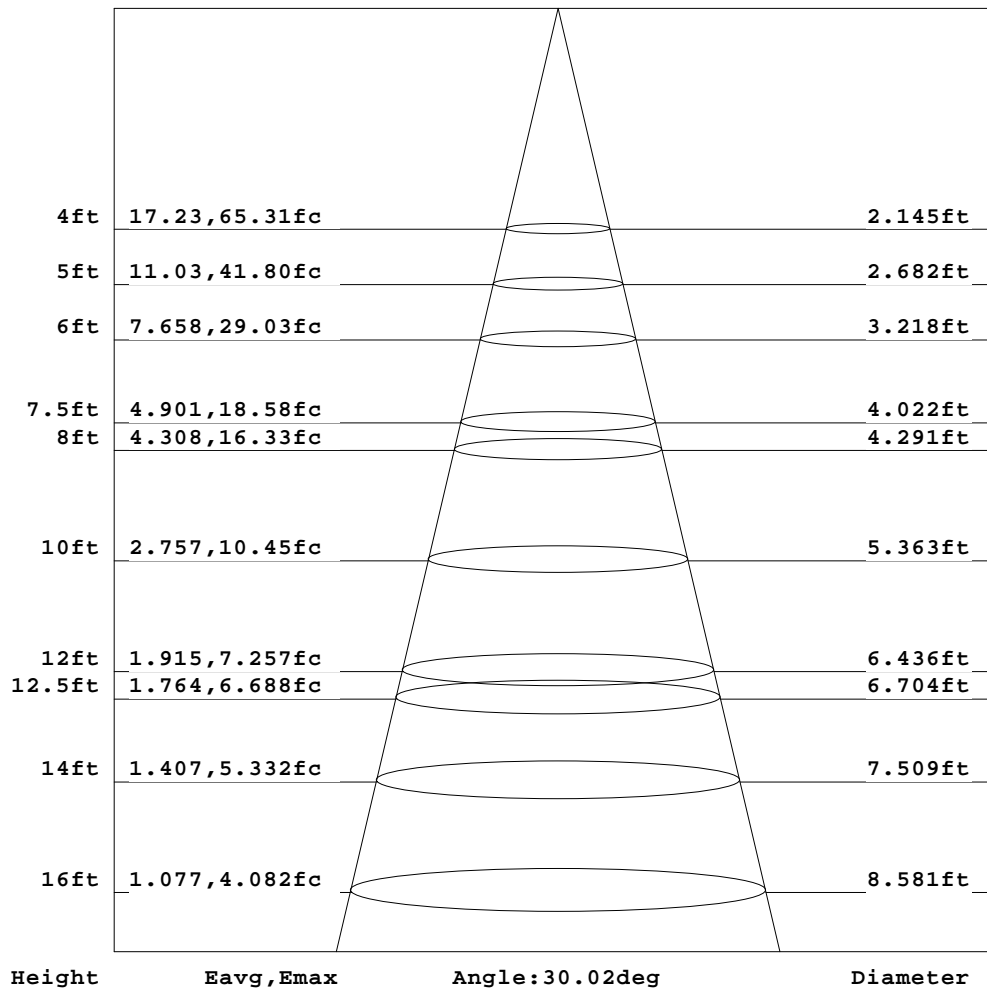
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2024-4-19

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  
REFLECTOR:PM-0128B Wallwash  
DRIVER:PRO-UA3285 700mA  
30minutes warm-up

## AAI Figure

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz Lamp Flux:2144.4x1 lm		
NAME: 2219.200B-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2404190503
MFR.: RISE	SUR.: 0.005904m2	Shielding Angle:

Flux out:71.22 lm



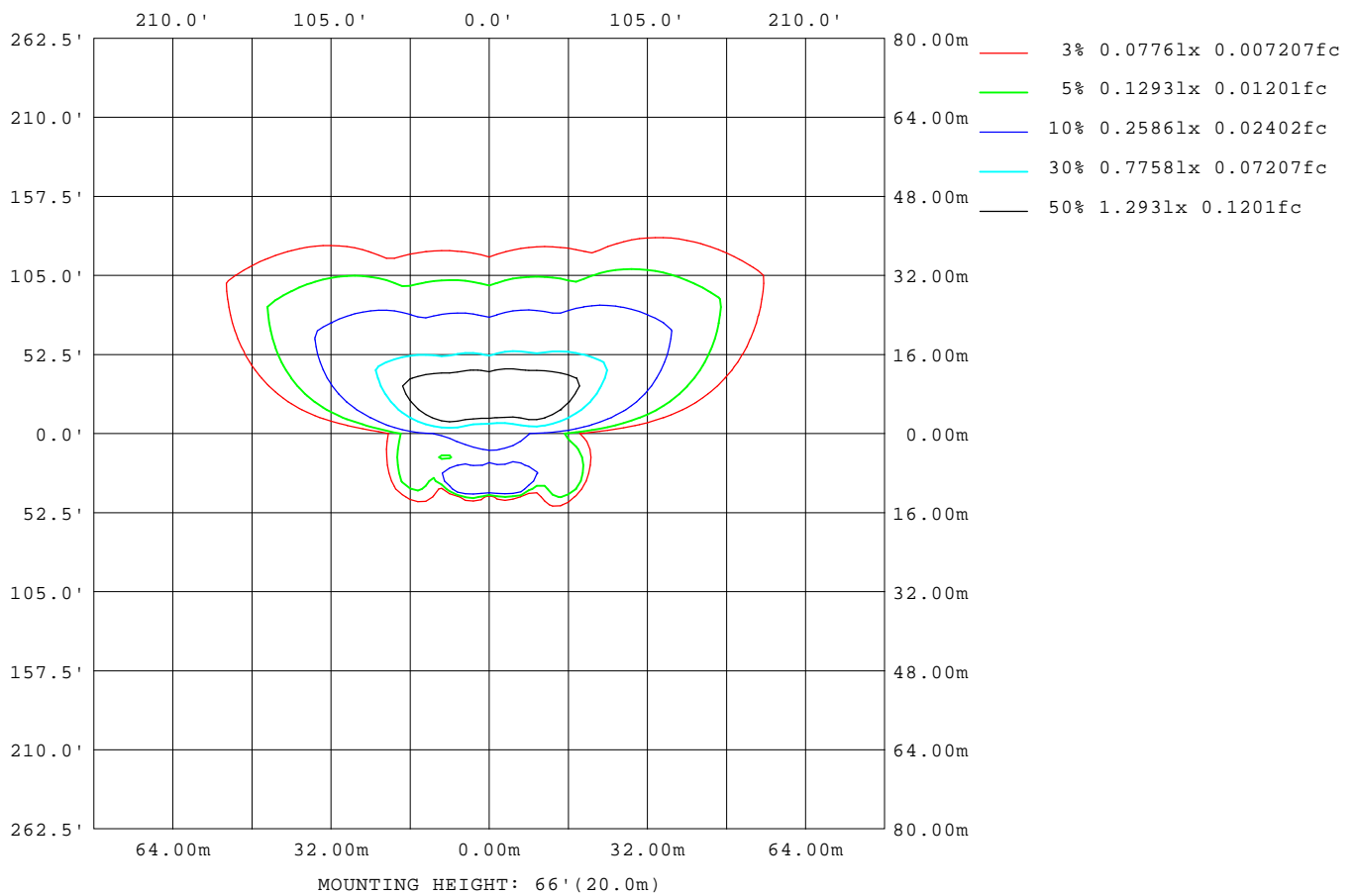
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2024-4-19

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  
REFLECTOR: PM-0128B Wallwash  
DRIVER: PRO-UA3285 700mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz Lamp Flux:2144.4x1 lm		
NAME: 2219.200B-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2404190503
MFR.: RISE	SUR.: 0.005904m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2024-4-19

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  
REFLECTOR:PM-0128B Wallwash  
DRIVER:PRO-UA3285 700mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz Lamp Flux:2144.4x1 lm		
NAME: 2219.200B-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2404190503
MFR.: RISE	SUR.: 0.005904m2	Shielding Angle:

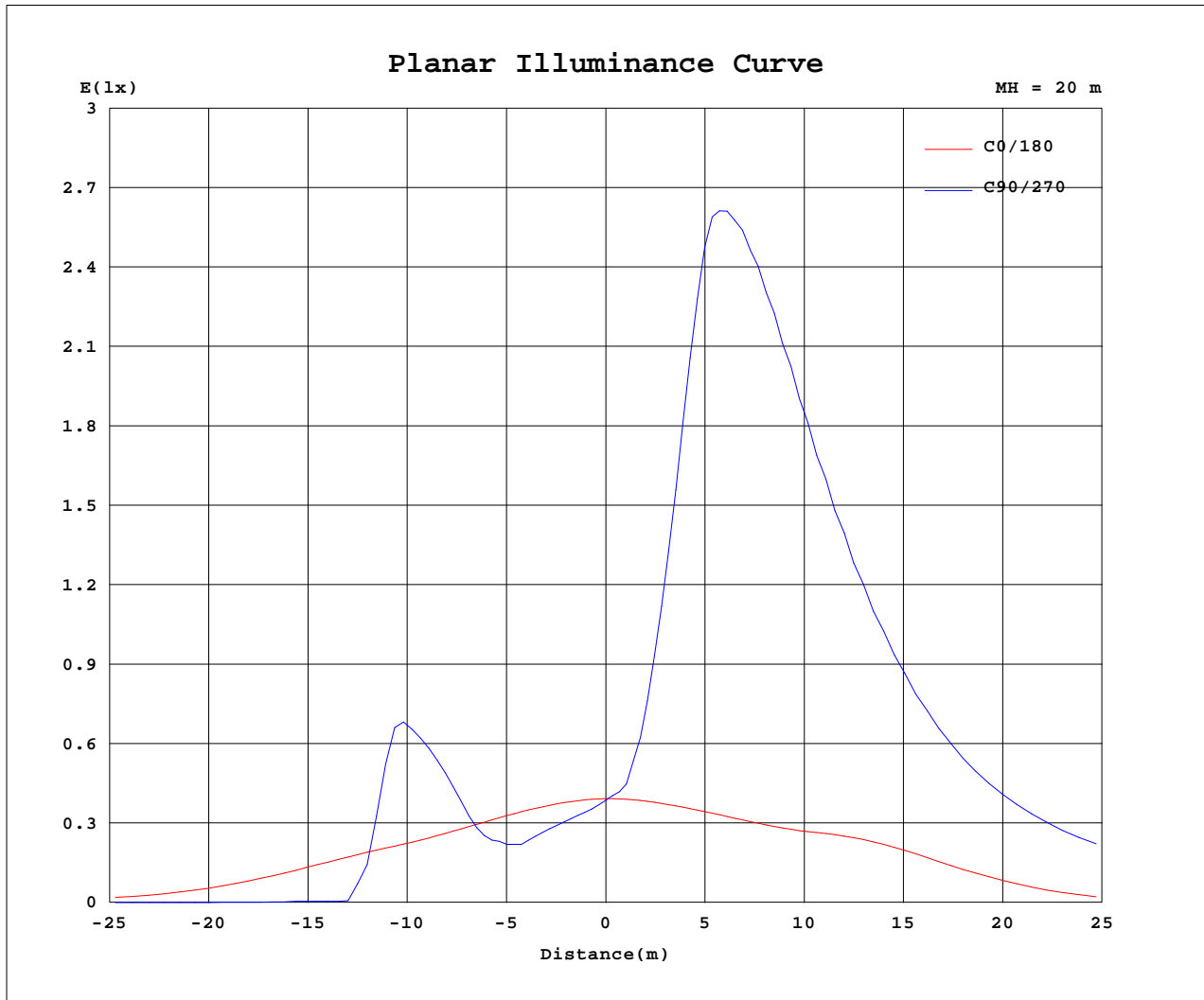
AvgL	cd/m2
L_0~180(65)av	4918
L_0~180(75)av	6772
L_0~180(85)av	12896
L_90~270(65)av	47860
L_90~270(75)av	63780
L_90~270(85)av	138142
L_45(65)av	182653
L_45(75)av	248681
L_45(85)av	480308

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-4-19

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  
REFLECTOR:PM-0128B Wallwash  
DRIVER:PRO-UA3285 700mA  
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: 2024-4-19

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  
 REFLECTOR: PM-0128B Wallwash  
 DRIVER: PRO-UA3285 700mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.15V I:0.2276A P:27.204W PF:0.9936 Freq:59.98Hz Lamp Flux:2144.4x1 lm		
NAME: 2219.200B-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2404190503
MFR.: RISE	SUR.: 0.005904m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	155	155	155	155	155	155	155	155	155	155	155	155						
5	153	137	130	128	131	139	154	178	228	252	213	170						
10	147	123	111	105	110	124	151	286	541	653	510	239						
15	141	110	91.5	103	86.2	108	148	514	1026	1149	1002	424						
20	133	90.6	126	184	120	85.9	146	862	1222	1189	1262	727						
25	125	66.0	245	334	232	57.4	147	1219	1202	1088	1260	1130						
30	121	86.7	367	201	351	68.8	156	1402	1097	911	1169	1429						
35	110	140	85.5	3.94	91.2	114	158	1494	953	746	1038	1582						
40	89.2	207	4.96	2.28	5.38	171	136	1527	803	586	883	1658						
45	61.3	201	3.19	1.19	3.67	159	94.0	1510	663	462	739	1674						
50	35.3	22.3	1.64	0.21	2.07	50.0	44.3	1457	544	371	611	1639						
55	20.3	6.19	0.09	0.07	0.15	6.87	18.6	1383	454	312	512	1570						
60	13.9	4.32	0.08	0.06	0.10	5.12	13.4	1287	394	271	441	1476						
65	11.8	1.79	0.11	0.09	0.13	2.66	12.7	1177	348	239	391	1373						
70	11.2	0.36	0.20	0.16	0.23	0.44	12.1	1072	317	215	355	1261						
75	10.2	0.71	0.37	0.27	0.41	0.83	10.5	987	290	195	327	1139						
80	8.55	1.26	0.63	0.43	0.70	1.42	9.08	869	261	177	297	988						
85	5.94	1.98	0.94	0.63	1.04	2.17	7.33	607	205	142	242	729						
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  
Temperature:25.3℃  
Operators:zoe  
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