

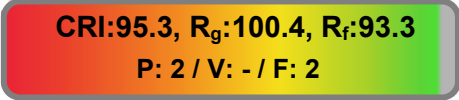
Light efficiency:



Color temperature:



Light quality:



Output: 645 lm

Peak: 218 cd

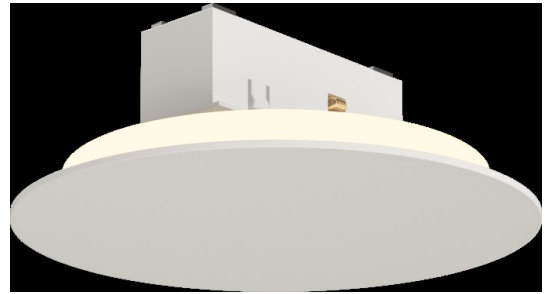
Power: 7.8 W

Voltage: 24.0 V

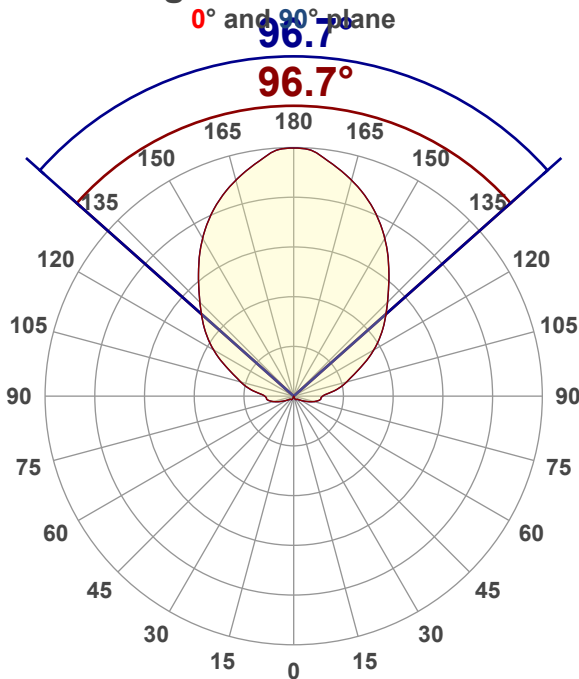
Current: 0.325 A

PF: 1.0

THD: 0 %



Angular Distribution



Product name:

AT-ECLIPSE-30-XX

Test Date:

2/25/2026

Beam Angle (50% of the brightness of the centre):  
 96.7°

Field Angle (10% of the brightness of the centre):  
 200.8°

Cut Off Angle (2.5% of the brightness of the centre):  
 251.3°

Beam Details

\*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	0 lx	0 fc	9 ft / 2.7 m
8 ft / 2.4 m	0 lx	0 fc	18 ft / 5.5 m
12 ft / 3.7 m	0 lx	0 fc	27 ft / 8.2 m
16 ft / 4.9m	0 lx	0 fc	36 ft / 11 m
20 ft / 6.1m	0 lx	0 fc	45 ft / 13.7 m

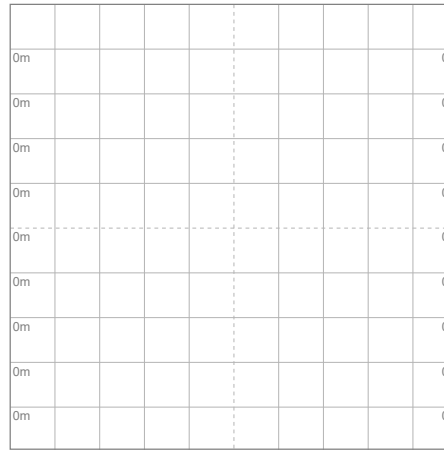
Beam center

# Photometric Testing Report

## Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1.56	0.24%
0-40	3.89	0.60%
0-60	12.1	1.88%
60-90	56.3	8.73%
70-100	80.5	12.48%
90-120	154	23.88%
0-90	68.4	10.60%
90-180	577	89.46%
0-180	645	100.00%

## ISO Lux Diagram



Lux at center:	0 lx
3%	0.00 lx
5%	0.00 lx
10%	0.00 lx
30%	0.00 lx
50%	0.00 lx

**Conditions:**  
 Number of planes: 16  
 Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

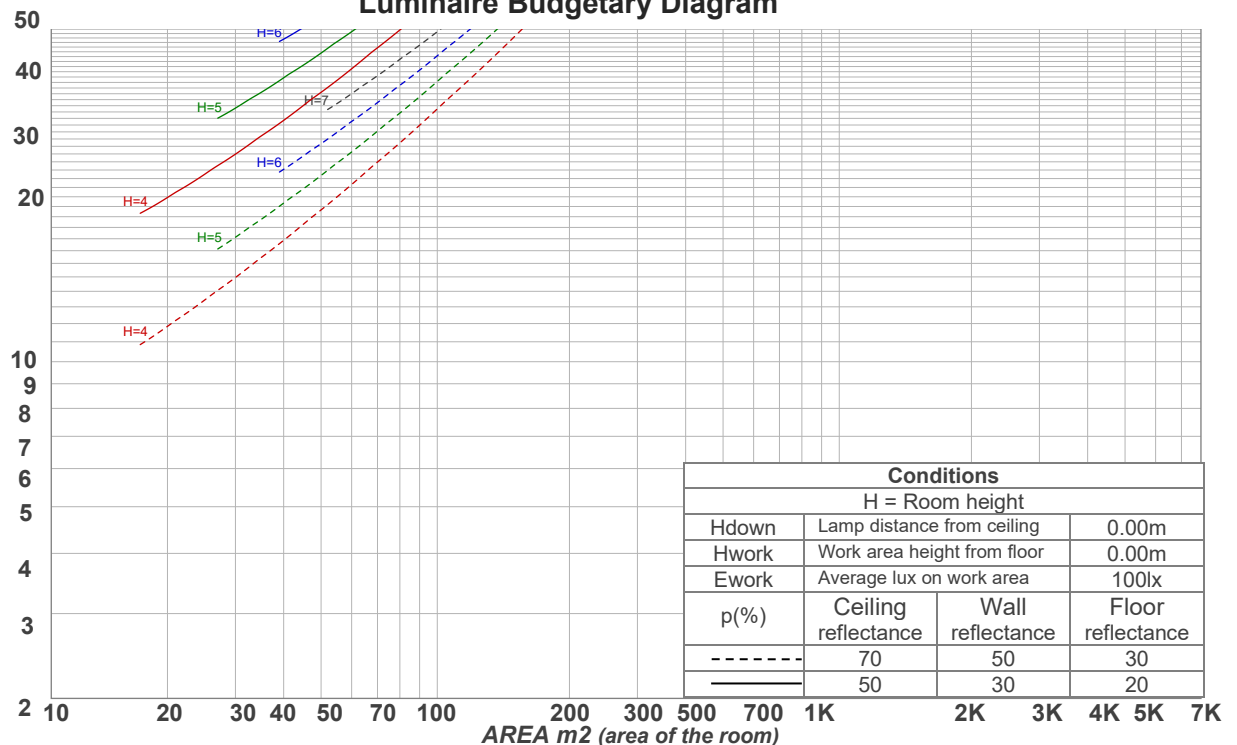
Mounting height: 3.05 meters (10 feet)

## Coefficients of Utilization

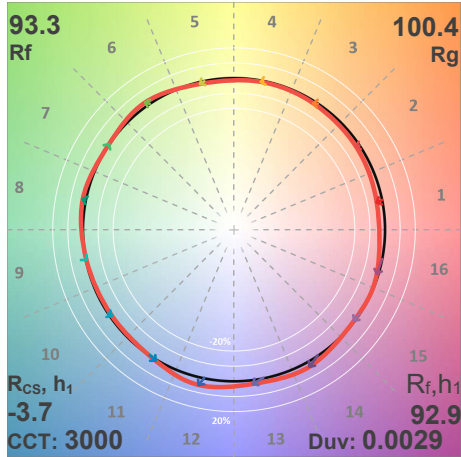
Ceiling reflectance	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Wall reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Floor reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
<b>RCR</b>	<b>(RCR: Room Cavity Ratio)</b>																	
	Room Values are expressed as percentage of Lumens delivered to the task surface																	
0	98	98	98	98	85	85	85	85	61	61	61	40	40	40	20	20	20	11
1	87	82	78	74	75	71	68	64	51	48	46	32	30	29	14	14	13	5
2	79	71	64	59	68	61	56	51	43	40	37	27	25	23	12	11	10	3
3	71	62	54	48	61	53	47	42	38	34	30	23	21	19	10	9	8	2
4	65	54	46	40	56	47	40	35	33	29	25	21	18	16	9	7	6	1
5	59	48	40	34	51	41	35	30	29	25	21	18	15	13	8	6	5	1
6	54	43	35	29	47	37	30	25	26	22	18	16	13	11	7	6	4	1
7	50	38	30	25	43	33	27	22	24	19	16	15	12	10	6	5	4	1
8	46	34	27	22	40	30	23	19	21	17	14	13	10	8	6	4	3	0
9	43	31	24	19	37	27	21	17	19	15	12	12	9	7	5	4	3	0
10	40	28	21	17	34	25	19	15	18	13	11	11	8	6	5	3	3	0

## LAMPS (number of lamps)

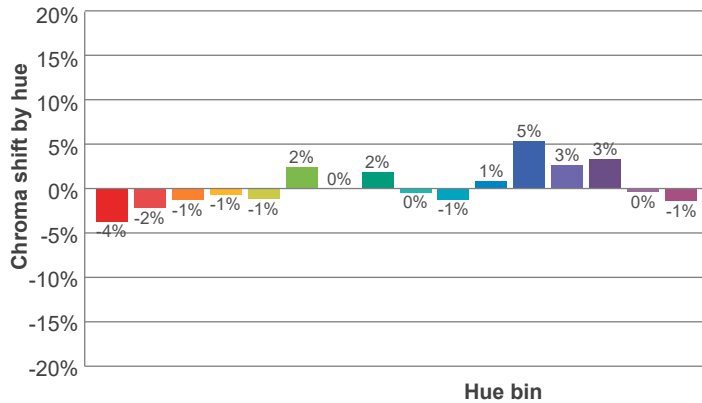
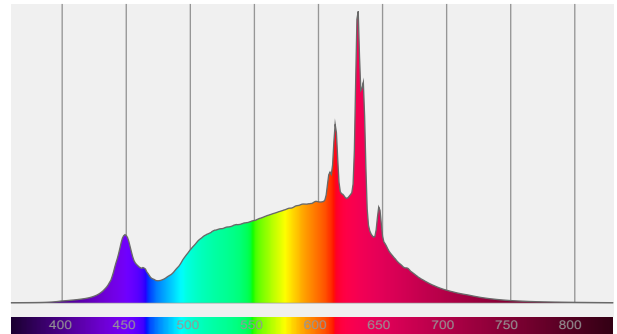
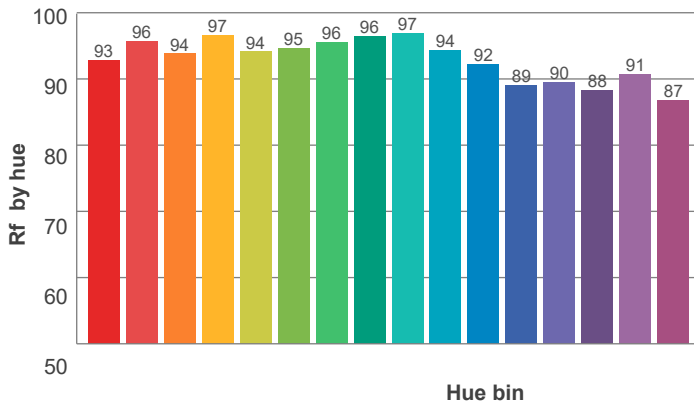
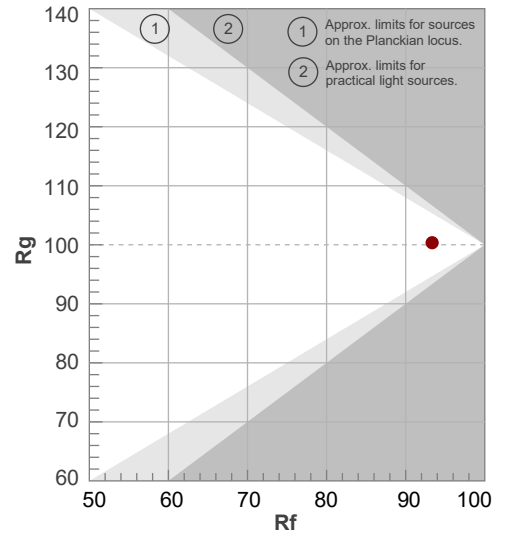
## Luminaire Budgetary Diagram



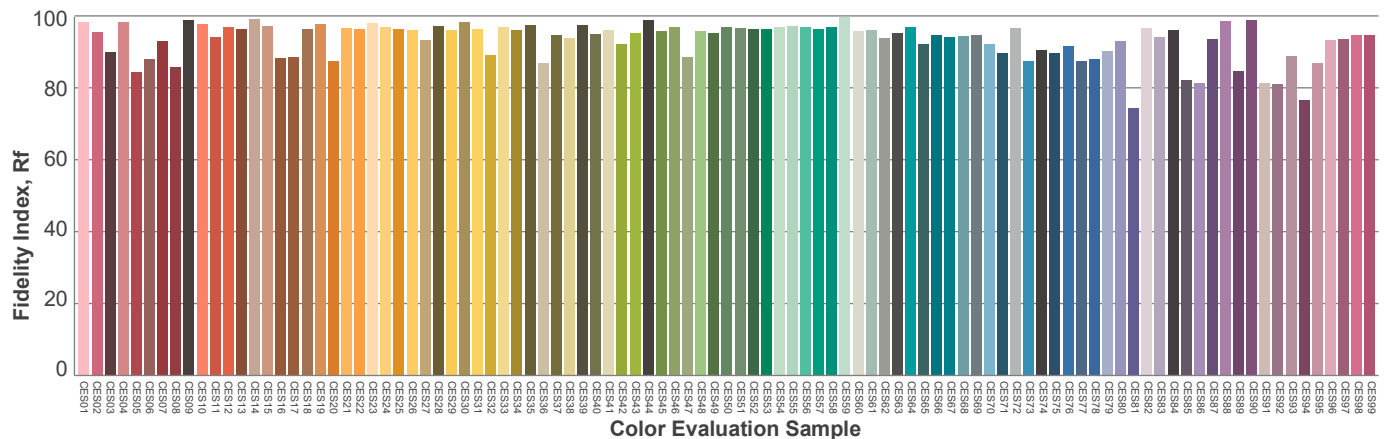
ANSI/IES TM-30-18 P: 2 / V: - / F: 2



Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	93	-4%	-1%
2	96	-2%	1%
3	94	-1%	3%
4	97	-1%	1%
5	94	-1%	3%
6	95	2%	2%
7	96	0%	-1%
8	96	2%	0%
9	97	0%	1%
10	94	-1%	2%
11	92	1%	5%
12	89	5%	-3%
13	90	3%	-7%
14	88	3%	-9%
15	91	0%	-6%
16	87	-1%	-10%



Red: 30.6%, Power=2.4mW  
Blue: 8.1%, Power=2.5mW  
Green: 29.3%, Power=8.0mW  
UVA: 0.2%, Power=0.0mW  
Dominant Wavelength: 584nm  
1<sup>st</sup> Peak Wavelength: 631nm  
2<sup>nd</sup> Peak Wavelength: 613nm



**Glare Evaluation According to UGR**

Corrected, comprehensive UGR table according to 117-1995, S/H ratio=0.25

p Ceiling	70	70	50	50	30	70	70	50	50	30
p Walls	50	30	50	30	30	50	30	50	30	30
p Floor	20	20	20	20	20	20	20	20	20	20
Room size H = mounting height above eye level X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H 2H	3.9	4.6	5.2	5.7	7.5	3.9	4.6	5.2	5.7	7.5
3H	10.0	10.6	11.3	11.7	13.4	10.0	10.6	11.3	11.7	13.4
4H	13.3	13.8	14.5	15.0	16.6	13.3	13.8	14.5	15.0	16.6
6H	16.5	17.0	17.7	18.2	19.8	16.5	17.0	17.7	18.2	19.8
8H	18.1	18.6	19.3	19.8	21.3	18.1	18.6	19.3	19.8	21.3
12H	19.6	20.3	20.8	21.3	22.8	19.6	20.3	20.8	21.3	22.8
4H 2H	6.0	6.5	7.2	7.7	9.3	6.0	6.5	7.2	7.7	9.3
3H	11.7	12.4	12.9	13.4	14.9	11.7	12.4	12.9	13.4	14.9
4H	14.9	15.9	16.1	16.5	18.0	14.9	15.9	16.1	16.5	18.0
6H	18.1	18.6	19.3	19.7	21.2	18.1	18.6	19.3	19.7	21.2
8H	19.7	20.0	20.9	21.2	22.7	19.7	20.0	20.9	21.2	22.7
12H	21.3	21.5	22.5	22.8	24.3	21.3	21.5	22.5	22.8	24.3
8H 4H	16.0	16.3	17.2	17.5	19.0	16.0	16.3	17.2	17.5	19.0
6H	19.4	19.6	20.6	20.8	22.3	19.4	19.6	20.6	20.8	22.3
8H	21.0	21.2	22.3	22.5	24.0	21.0	21.2	22.3	22.5	24.0
12H	22.7	22.9	24.0	24.2	25.6	22.7	22.9	24.0	24.2	25.6
12H 4H	16.4	16.6	17.5	17.9	19.3	16.4	16.6	17.5	17.9	19.3
6H	19.7	19.9	21.0	21.2	22.7	19.7	19.9	21.0	21.2	22.7
8H	21.5	21.7	22.7	23.0	24.4	21.5	21.7	22.7	23.0	24.4
Variation of the observer position for the luminaire distance S										
S = 1.0H	0.1 / -0.1					0.1 / -0.1				
S = 1.5H	0.1 / -0.1					0.1 / -0.1				
S = 2.0H	0.2 / -0.2					0.2 / -0.2				
Corrected glare indices referring to 645 lm total luminous flux										

Due to our continued efforts to improve our products, product specifications are subject to change without notice. Please refer to our website for the latest test results.