

Light efficiency:

64 Lumen/Watt

Color temperature:

5103 K

Light quality:

CRI:92.5, R_g:91.2, R_f:99.2

P: 2 / V: - / F: 2

Output: 547 lm

Peak: 1203 cd

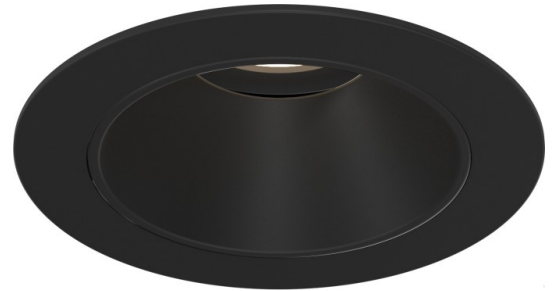
Power: 8.6 W

Voltage: 119 V

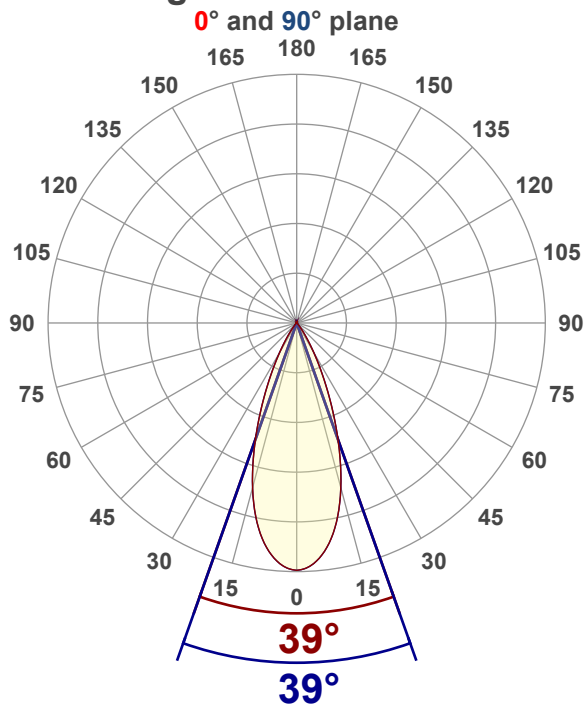
Current: 0.074 A

PF: 0.97

THD: 15.15 %



Angular Distribution



Product name:

DRB-ATWMG0BF-XX1-XXX

Test Date:

4/17/2025

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

39°

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

63.8°

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

77.3°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	809 lx	75 fc	2.8 ft / 0.9 m
8 ft / 2.4 m	202 lx	19 fc	5.7 ft / 1.7 m
12 ft / 3.7 m	90 lx	8 fc	8.5 ft / 2.6 m
16 ft / 4.9 m	51 lx	5 fc	11.3 ft / 3.5 m
20 ft / 6.1 m	32 lx	3 fc	14.2 ft / 4.3 m

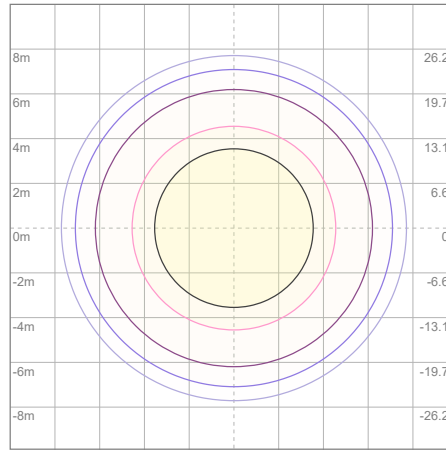
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	488	89.21%
0-40	533	97.44%
0-60	540	98.72%
60-90	2.96	0.54%
70-100	1.67	0.31%
90-120	1.22	0.22%
0-90	543	99.27%
90-180	3.14	0.57%
0-180	547	100.00%

ISO Lux Diagram



Lux at center:	129 lx
3%	3.87 lx
5%	6.45 lx
10%	12.90 lx
30%	38.70 lx
50%	64.50 lx

Conditions:
 Number of planes: 8
 Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

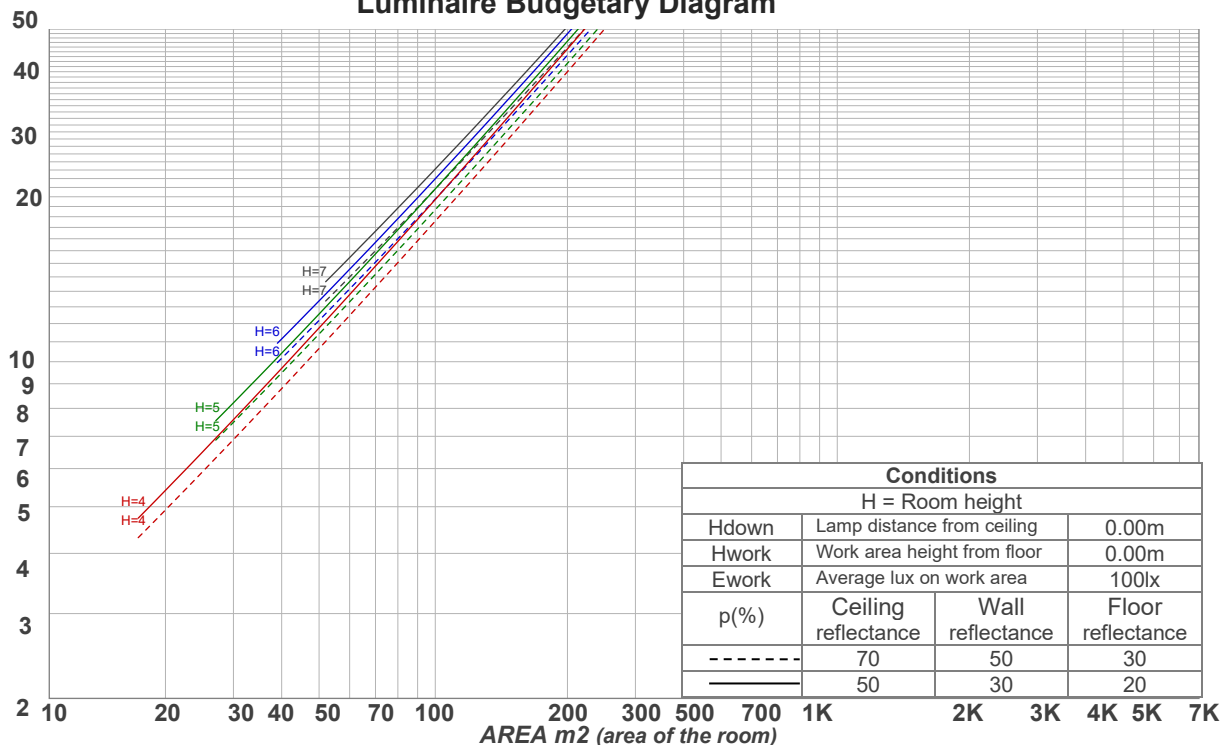
Mounting height: 3.05 meters (10 feet)

Coefficients of Utilization

Ceiling reflectance	80				70				50			30			10			0
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
RCR	(RCR: Room Cavity Ratio) Room Values are expressed as percentage of Lumens delivered to the task surface																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	99
1	114	112	110	108	112	110	108	106	105	104	103	102	100	99	98	97	96	95
2	110	105	102	99	107	104	101	98	100	98	96	97	95	94	95	93	92	90
3	105	100	96	92	103	98	95	92	96	93	90	93	91	89	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	84	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	74
7	90	82	77	74	89	82	77	74	80	76	73	79	76	73	78	75	72	71
8	87	79	74	70	86	78	74	70	77	73	70	76	72	70	75	72	69	68
9	84	76	71	67	83	75	70	67	74	70	67	73	70	67	73	69	67	65
10	81	73	68	65	80	72	68	64	71	67	64	71	67	64	70	66	64	63

LAMPS (number of lamps)

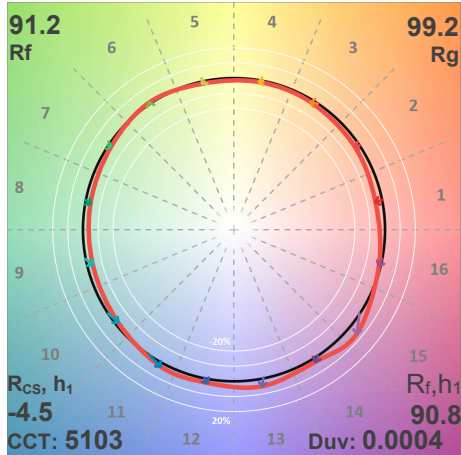
Luminaire Budgetary Diagram



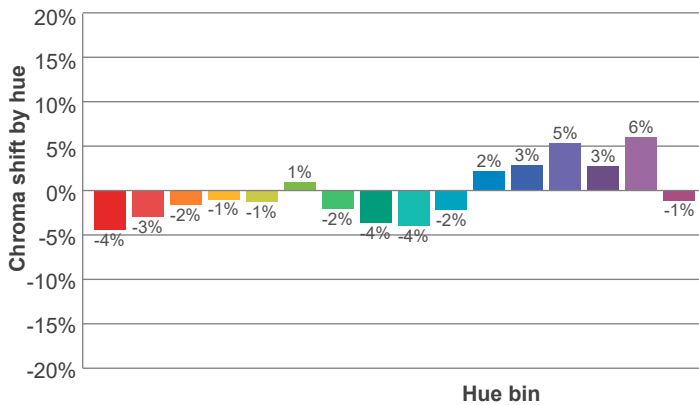
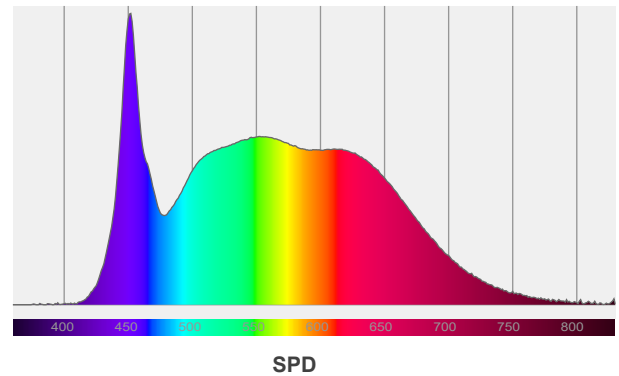
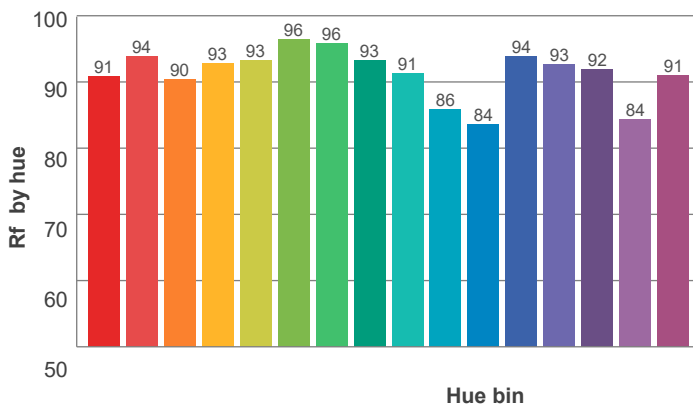
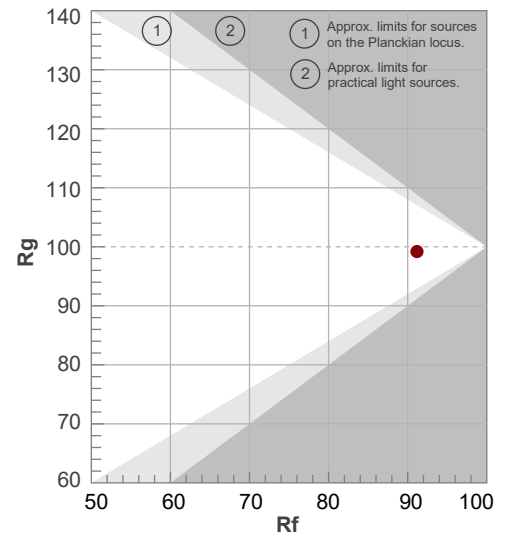
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	91	-4%	0%
2	94	-3%	2%
3	90	-2%	5%
4	93	-1%	3%
5	93	-1%	2%
6	96	1%	0%
7	96	-2%	-1%
8	93	-4%	2%
9	91	-4%	5%
10	86	-2%	9%
11	84	2%	10%
12	94	3%	3%
13	93	5%	-2%
14	92	3%	-4%
15	84	6%	-12%
16	91	-1%	-5%



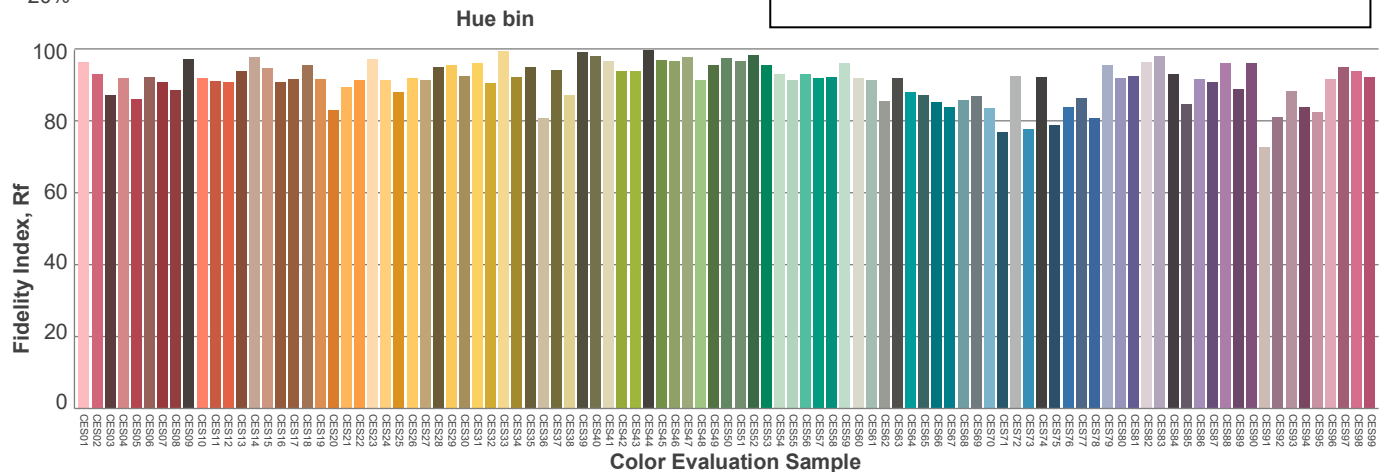
Red: 25.6%, Power=3.7mW

Blue: 16.8%, Power=5.5mW

Green: 30.4%, Power=7.9mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 578nm

1st Peak Wavelength: 452nm2nd Peak Wavelength: 552nm

Glare Evaluation According to UGR

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 X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	11.3	11.8	11.4	12.0	12.2	11.3	11.8	11.4	12.0	12.2
	3H	11.1	11.8	11.5	12.0	12.1	11.1	11.8	11.5	12.0	12.1
	4H	11.1	11.7	11.5	11.9	12.2	11.1	11.7	11.5	11.9	12.2
	6H	11.1	11.6	11.4	11.9	12.3	11.1	11.6	11.4	11.9	12.3
	8H	11.1	11.6	11.4	11.9	12.3	11.1	11.6	11.4	11.9	12.3
	12H	11.1	11.5	11.4	11.9	12.3	11.1	11.5	11.4	11.9	12.3
4H	2H	11.0	11.6	11.4	11.8	12.1	11.0	11.6	11.4	11.8	12.1
	3H	11.0	11.5	11.4	11.9	12.3	11.0	11.5	11.4	11.9	12.3
	4H	10.9	11.4	11.4	11.8	12.3	10.9	11.4	11.4	11.8	12.3
	6H	10.9	11.4	11.4	11.8	12.1	10.9	11.4	11.4	11.8	12.1
	8H	10.9	11.4	11.4	11.7	12.1	10.9	11.4	11.4	11.7	12.1
	12H	10.9	11.3	11.4	11.7	12.1	10.9	11.3	11.4	11.7	12.1
8H	4H	10.8	11.3	11.4	11.6	12.0	10.8	11.3	11.4	11.6	12.0
	6H	10.9	11.2	11.4	11.6	12.2	10.9	11.2	11.4	11.6	12.2
	8H	10.9	11.2	11.5	11.7	12.3	10.9	11.2	11.5	11.7	12.3
	12H	11.0	11.2	11.6	11.7	12.3	11.0	11.2	11.6	11.7	12.3
12H	4H	10.8	11.1	11.3	11.5	12.0	10.8	11.1	11.3	11.5	12.0
	6H	10.9	11.1	11.4	11.6	12.3	10.9	11.1	11.4	11.6	12.3
	8H	10.9	11.1	11.5	11.6	12.2	10.9	11.1	11.5	11.6	12.2
Variation of the observer position for the luminaire distance S											
S = 1.0H		5.5 / -5.7					5.5 / -5.7				
S = 1.5H		8.2 / -6.0					8.2 / -6.0				
S = 2.0H		10.2 / -6.2					10.2 / -6.2				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 547 lm total luminous flux											