

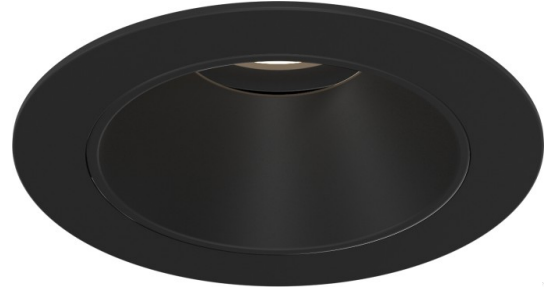
Light efficiency:

58 Lumen/Watt

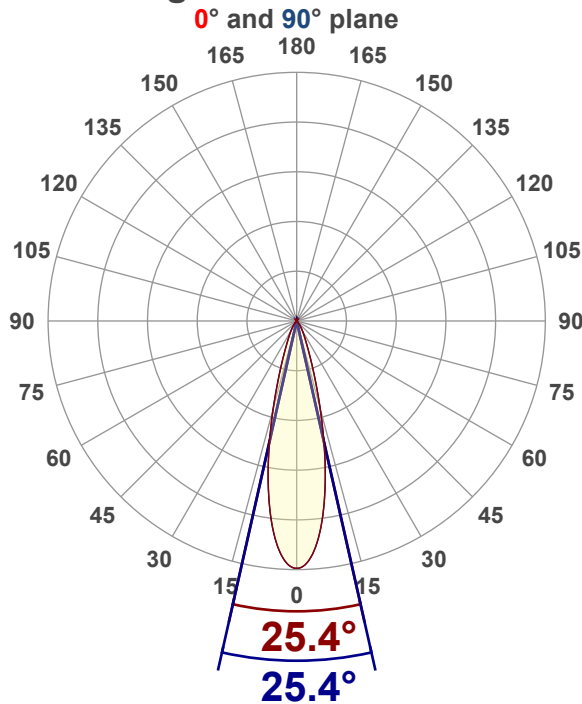
Color temperature:

5093 K

Light quality:

CRI:92.8, R_g:91.3, R_f:99.3**P: 2 / V: - / F: 2****Output: 499 lm****Peak: 2050 cd****Power: 8.6 W****Voltage: 119 V****Current: 0.074 A****PF: 0.97****THD: 15.11 %**

Angular Distribution



Product name:

DRB-ATWNG0BF-XX1-XXX

Test Date:

4/17/2025

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

25.4°

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

46.8°

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

70°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1379 lx	128 fc	1.8 ft / 0.5 m
8 ft / 2.4 m	345 lx	32 fc	3.6 ft / 1.1 m
12 ft / 3.7 m	153 lx	14 fc	5.4 ft / 1.6 m
16 ft / 4.9 m	86 lx	8 fc	7.2 ft / 2.2 m
20 ft / 6.1 m	55 lx	5 fc	9 ft / 2.7 m

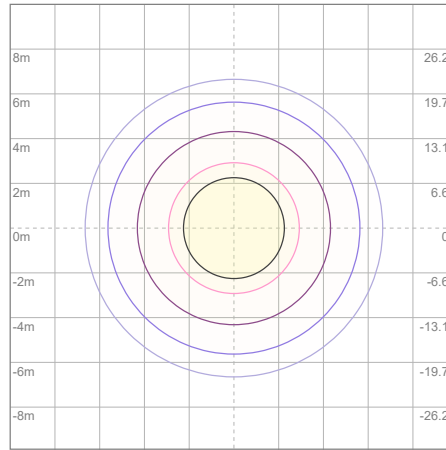
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	450	90.18%
0-40	483	96.79%
0-60	491	98.40%
60-90	3.93	0.79%
70-100	2.18	0.44%
90-120	1.60	0.32%
0-90	495	99.20%
90-180	3.86	0.77%
0-180	499	100.00%

ISO Lux Diagram



Lux at center:	220 lx
3%	6.60 lx
5%	11.00 lx
10%	22.00 lx
30%	66.00 lx
50%	110.00 lx

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

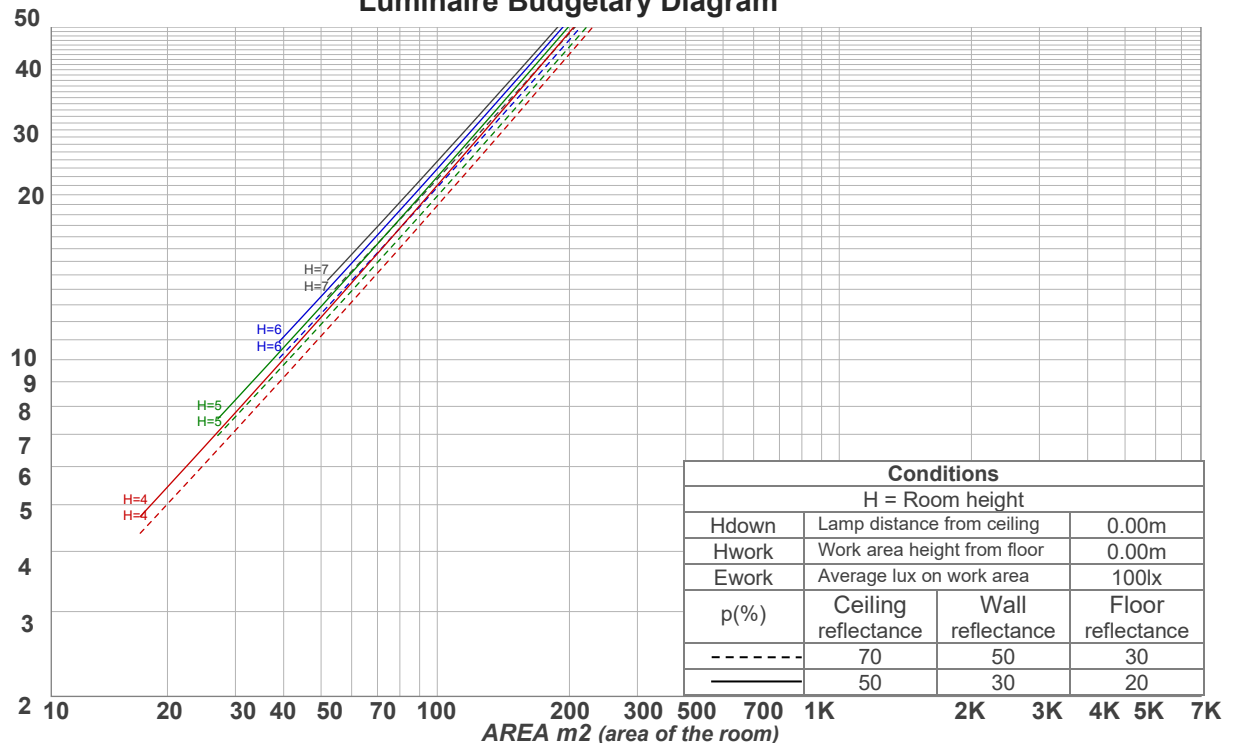
Mounting height: 3.05 meters (10 feet)

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	101	101	101	99
1	115	112	110	108	112	110	108	107	106	105	103	102	101	100	99	98	97	95
2	110	107	103	101	108	105	102	100	102	99	97	99	97	95	96	94	93	92
3	107	102	98	95	105	100	97	94	98	95	92	95	93	91	93	91	89	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	79
7	94	87	82	79	92	86	82	79	85	81	78	84	80	78	83	80	78	77
8	91	84	79	76	90	83	79	76	82	78	76	81	78	75	80	77	75	74
9	88	81	77	74	87	81	76	74	80	76	73	79	76	73	78	75	73	72
10	86	79	74	71	85	78	74	71	77	74	71	77	73	71	76	73	71	70

LAMPS (number of lamps)

Luminaire Budgetary Diagram

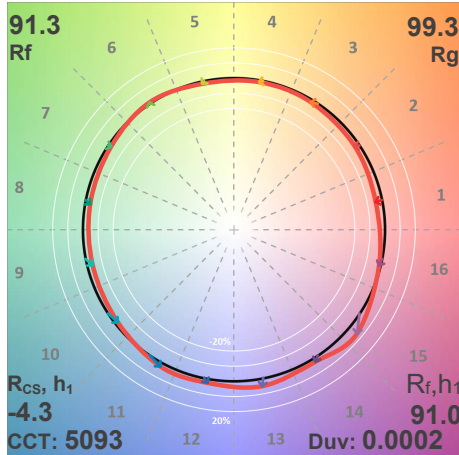


Conditions			
H = Room height			
Hdown	Lamp distance from ceiling	0.00m	
Hwork	Work area height from floor	0.00m	
Ework	Average lux on work area	100lx	
p(%)	Ceiling reflectance	Wall reflectance	Floor reflectance
-----	70	50	30
-----	50	30	20

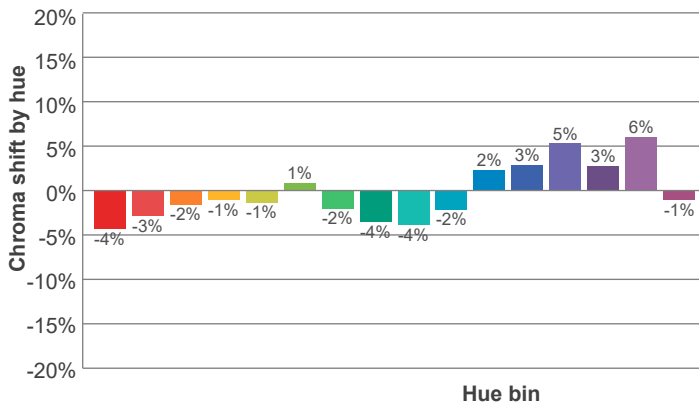
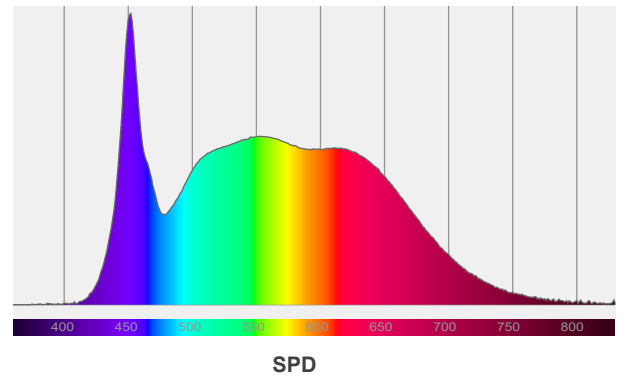
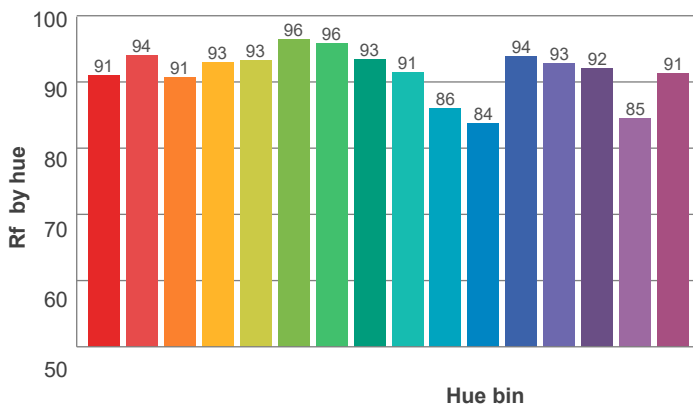
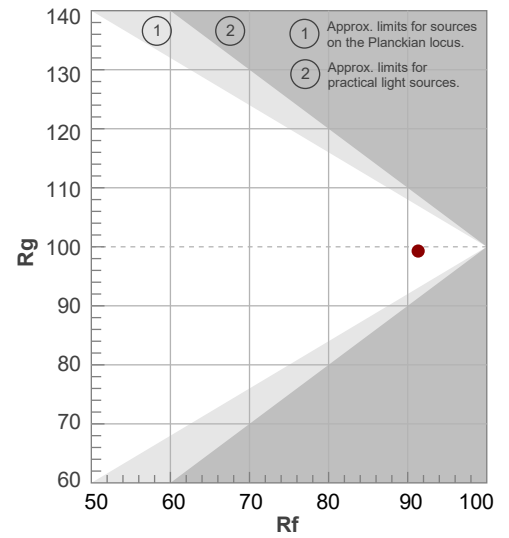
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	91	-4%	0%
2	94	-3%	1%
3	91	-2%	4%
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%	8%
11	84	2%	10%
12	94	3%	3%
13	93	5%	-2%
14	92	3%	-4%
15	85	6%	-12%
16	91	-1%	-5%



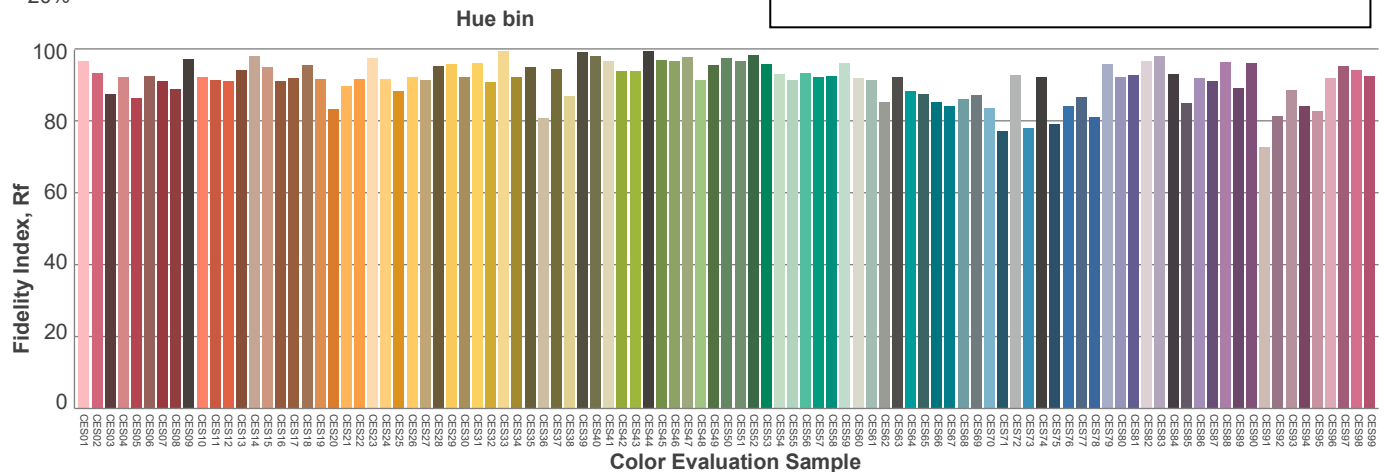
Red: 25.7%, Power=3.4mW

Blue: 16.8%, Power=5.0mW

Green: 30.3%, Power=7.2mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 578nm

1st Peak Wavelength: 452nm2nd Peak Wavelength: 553nm

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	9.8	10.2	9.9	10.4	10.6	9.8	10.2	9.9	10.4	10.6
	3H	9.8	10.4	10.2	10.6	10.8	9.8	10.4	10.2	10.6	10.8
	4H	9.8	10.4	10.2	10.6	10.9	9.8	10.4	10.2	10.6	10.9
	6H	9.9	10.4	10.2	10.7	11.1	9.9	10.4	10.2	10.7	11.1
	8H	10.0	10.4	10.3	10.7	11.1	10.0	10.4	10.3	10.7	11.1
	12H	10.0	10.4	10.3	10.8	11.2	10.0	10.4	10.3	10.8	11.2
4H	2H	9.5	10.1	9.9	10.3	10.6	9.5	10.1	9.9	10.3	10.6
	3H	9.9	10.3	10.2	10.7	11.1	9.9	10.3	10.2	10.7	11.1
	4H	9.9	10.3	10.3	10.7	11.2	9.9	10.3	10.3	10.7	11.2
	6H	10.0	10.4	10.5	10.8	11.1	10.0	10.4	10.5	10.8	11.1
	8H	10.0	10.4	10.5	10.8	11.2	10.0	10.4	10.5	10.8	11.2
	12H	10.1	10.5	10.6	10.9	11.3	10.1	10.5	10.6	10.9	11.3
8H	4H	9.8	10.3	10.4	10.6	11.0	9.8	10.3	10.4	10.6	11.0
	6H	10.0	10.3	10.5	10.7	11.3	10.0	10.3	10.5	10.7	11.3
	8H	10.2	10.4	10.7	10.9	11.5	10.2	10.4	10.7	10.9	11.5
	12H	10.4	10.6	11.0	11.1	11.7	10.4	10.6	11.0	11.1	11.7
12H	4H	9.8	10.1	10.3	10.5	11.0	9.8	10.1	10.3	10.5	11.0
	6H	10.0	10.2	10.6	10.8	11.4	10.0	10.2	10.6	10.8	11.4
	8H	10.2	10.4	10.8	10.9	11.5	10.2	10.4	10.8	10.9	11.5
Variation of the observer position for the luminaire distance S											
S = 1.0H		3.8 / -2.8					3.8 / -2.8				
S = 1.5H		6.3 / -3.1					6.3 / -3.1				
S = 2.0H		8.2 / -3.3					8.2 / -3.3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 499 lm total luminous flux											