

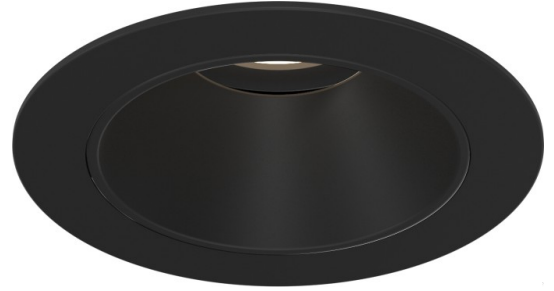
Light efficiency:

49 Lumen/Watt

Color temperature:

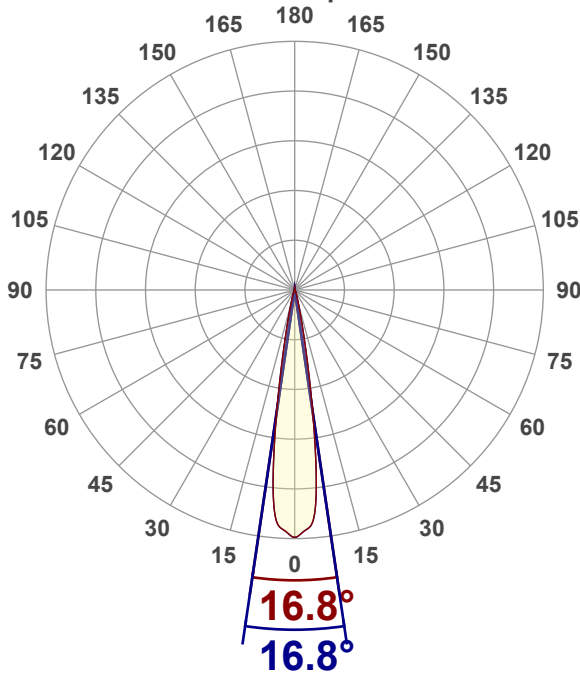
3100 K

Light quality:

CRI:93.0, R_g:91.3, R_f:101.5**P: 2 / V: - / F: 2****Output: 748 lm****Peak: 7882 cd****Power: 15.3 W****Voltage: 119 V****Current: 0.130 A****PF: 0.99****THD: 13.12 %**

Angular Distribution

0° and 90° plane



Product name:

DRB-ADWSG0BF-XX1-XXX

Test Date:

5/2/2025

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

16.8°

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

26.3°

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

38.2°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	5303 lx	493 fc	1.2 ft / 0.4 m
8 ft / 2.4 m	1326 lx	123 fc	2.4 ft / 0.7 m
12 ft / 3.7 m	589 lx	55 fc	3.5 ft / 1.1 m
16 ft / 4.9 m	331 lx	31 fc	4.7 ft / 1.4 m
20 ft / 6.1 m	212 lx	20 fc	5.9 ft / 1.8 m

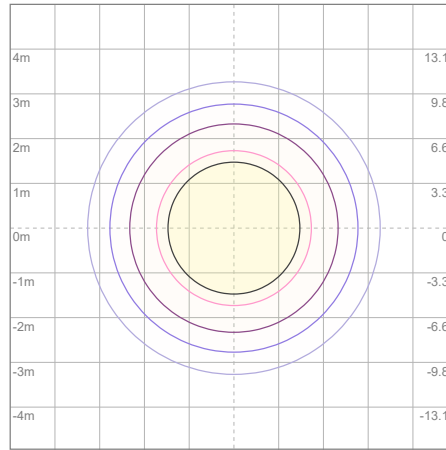
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	716	95.72%
0-40	725	96.93%
0-60	730	97.59%
60-90	6.15	0.82%
70-100	5.94	0.79%
90-120	5.32	0.71%
0-90	736	98.40%
90-180	11.9	1.59%
0-180	748	100.00%

ISO Lux Diagram



Lux at center:	847 lx
3%	25.41 lx
5%	42.35 lx
10%	84.70 lx
30%	254.10 lx
50%	423.50 lx

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

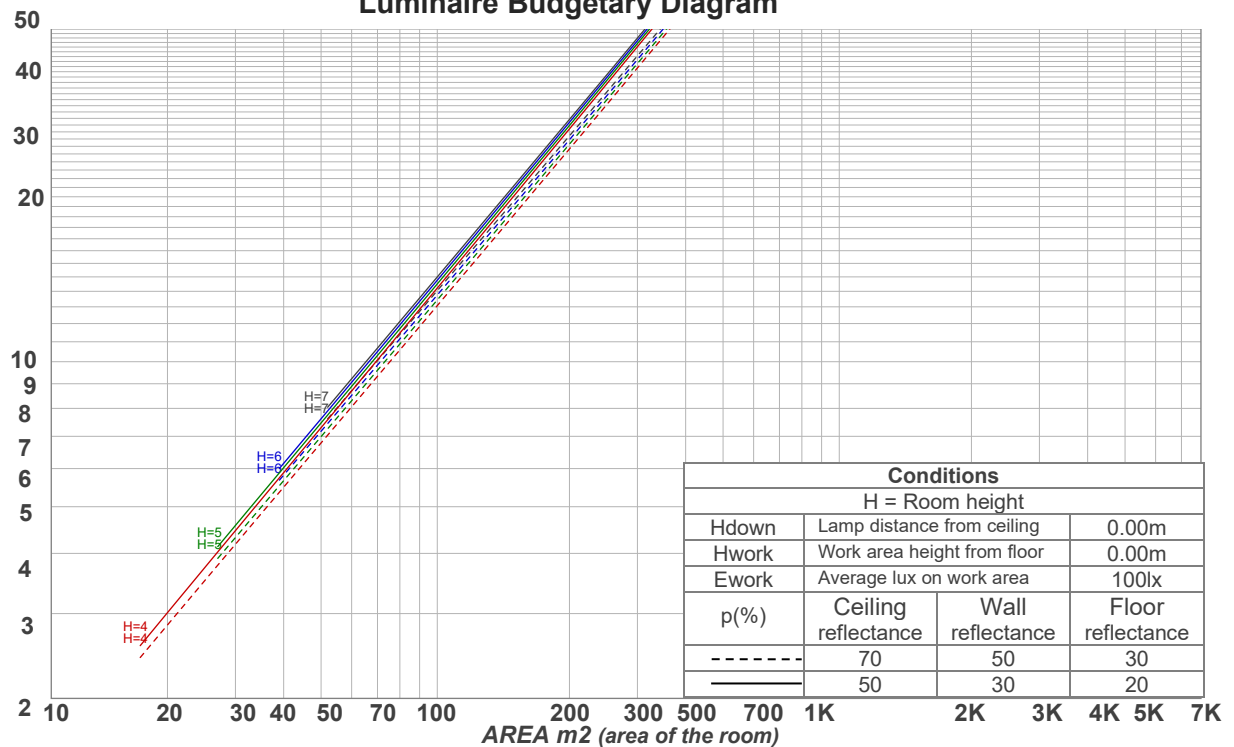
Mounting height: 3.05 meters (10 feet)

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	110	110	110	105	105	105	101	101	101	98
1	115	113	112	110	113	111	110	108	107	106	105	103	102	101	99	99	98	97
2	112	109	107	105	110	108	105	103	104	102	101	101	100	99	98	97	96	95
3	110	106	103	101	108	105	102	100	102	100	98	100	98	96	97	96	95	94
4	107	103	100	98	106	102	99	97	100	98	96	98	96	94	96	95	93	92
5	105	101	98	95	104	100	97	95	98	96	94	97	95	93	95	93	92	91
6	103	99	95	93	102	98	95	93	97	94	92	95	93	91	94	92	91	90
7	102	97	94	92	101	96	93	91	95	93	91	94	92	90	93	91	90	89
8	100	95	92	90	99	95	92	90	94	91	89	93	91	89	92	90	89	88
9	99	94	91	89	98	93	91	89	93	90	88	92	90	88	91	89	88	87
10	97	93	90	88	97	92	89	88	92	89	87	91	89	87	90	88	87	86

LAMPS (number of lamps)

Luminaire Budgetary Diagram

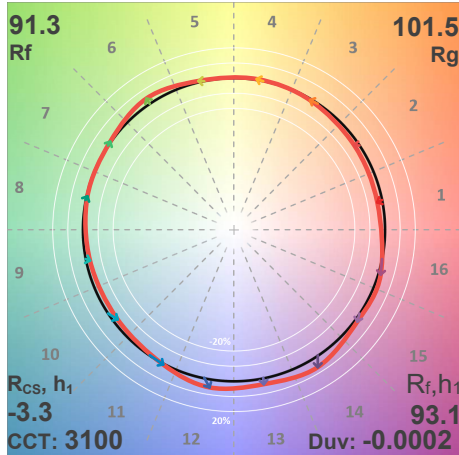


Conditions			
H = Room height			
Hdown	Lamp distance from ceiling	0.00m	
Hwork	Work area height from floor	0.00m	
Ework	Average lux on work area	100lx	
p(%)	Ceiling reflectance	Wall reflectance	Floor reflectance
-----	70	50	30
-----	50	30	20

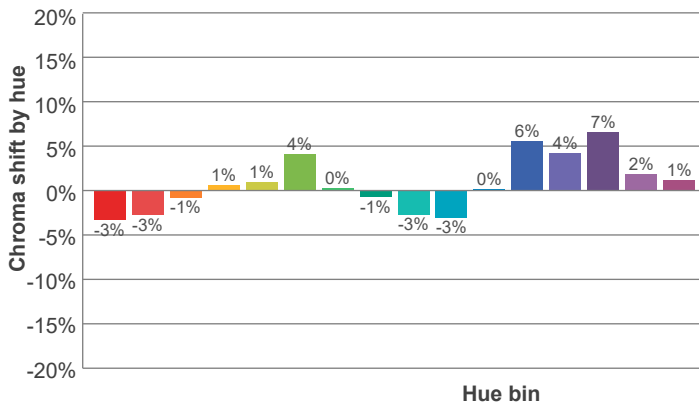
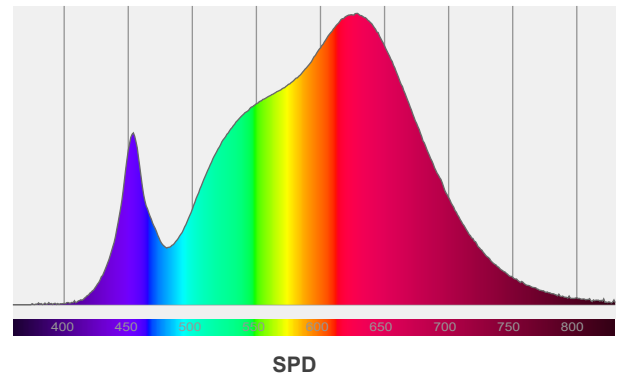
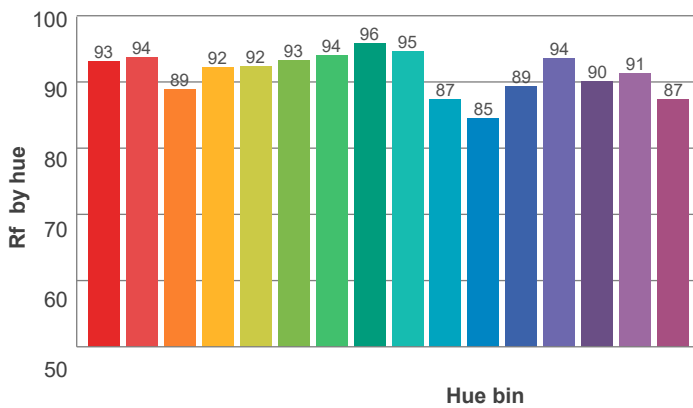
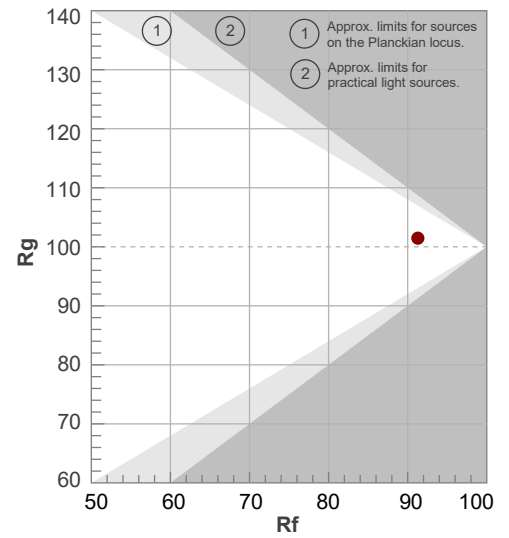
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-3%	-1%
2	94	-3%	2%
3	89	-1%	6%
4	92	1%	4%
5	92	1%	4%
6	93	4%	0%
7	94	0%	-3%
8	96	-1%	-3%
9	95	-3%	2%
10	87	-3%	7%
11	85	0%	11%
12	89	6%	5%
13	94	4%	0%
14	90	7%	-4%
15	91	2%	-5%
16	87	1%	-10%



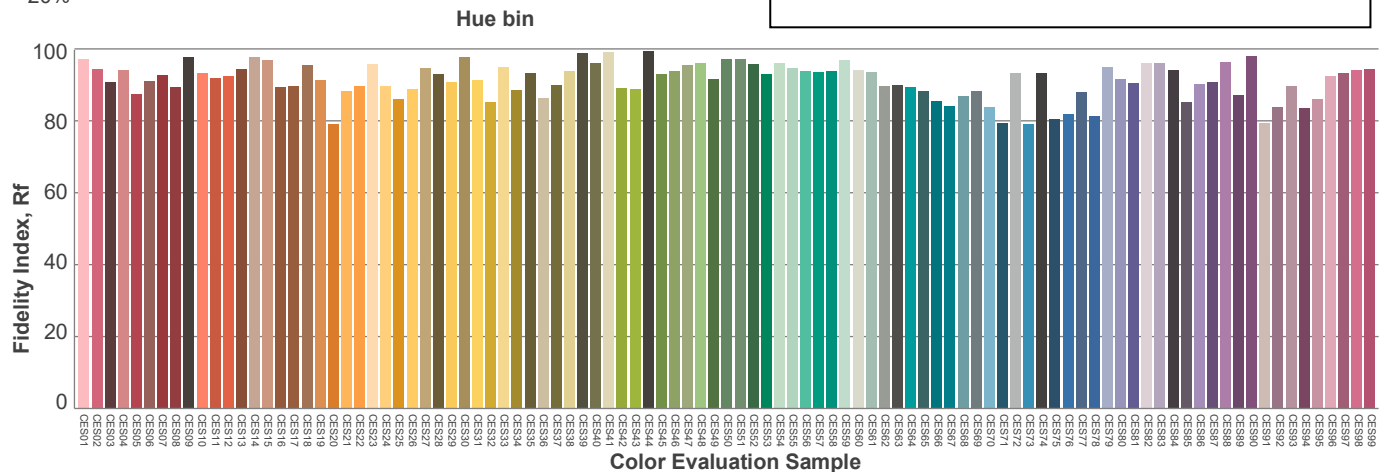
Red: 39.4%, Power=8.3mW

Blue: 8.2%, Power=4.0mW

Green: 24.3%, Power=9.6mW

UVA: 0%, Power=0.1mW

Dominant Wavelength: 583nm

1st Peak Wavelength: 629nm2nd Peak Wavelength: 454nm

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	1.9	2.2	2.0	2.4	2.6	1.9	2.2	2.0	2.4	2.6
	3H	3.5	3.9	3.9	4.1	4.3	3.5	3.9	3.9	4.1	4.3
	4H	4.7	5.2	5.2	5.4	5.7	4.7	5.2	5.2	5.4	5.7
	6H	6.6	7.0	6.9	7.3	7.7	6.6	7.0	6.9	7.3	7.7
	8H	7.6	8.0	8.0	8.4	8.8	7.6	8.0	8.0	8.4	8.8
	12H	8.7	9.1	9.1	9.5	9.9	8.7	9.1	9.1	9.5	9.9
4H	2H	2.2	2.7	2.6	2.9	3.2	2.2	2.7	2.6	2.9	3.2
	3H	4.5	4.8	4.8	5.2	5.6	4.5	4.8	4.8	5.2	5.6
	4H	5.9	6.3	6.4	6.7	7.2	5.9	6.3	6.4	6.7	7.2
	6H	8.0	8.4	8.5	8.8	9.1	8.0	8.4	8.5	8.8	9.1
	8H	9.2	9.5	9.7	9.9	10.3	9.2	9.5	9.7	9.9	10.3
	12H	10.4	10.6	10.9	11.1	11.5	10.4	10.6	10.9	11.1	11.5
8H	4H	6.6	7.0	7.2	7.4	7.7	6.6	7.0	7.2	7.4	7.7
	6H	9.1	9.3	9.6	9.8	10.3	9.1	9.3	9.6	9.8	10.3
	8H	10.4	10.6	11.0	11.1	11.8	10.4	10.6	11.0	11.1	11.8
	12H	11.8	12.0	12.4	12.5	13.1	11.8	12.0	12.4	12.5	13.1
12H	4H	6.8	7.1	7.4	7.5	8.0	6.8	7.1	7.4	7.5	8.0
	6H	9.4	9.6	10.0	10.1	10.8	9.4	9.6	10.0	10.1	10.8
	8H	10.8	11.0	11.5	11.5	12.1	10.8	11.0	11.5	11.5	12.1
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.2 / -0.1					0.2 / -0.1				
S = 1.5H		0.5 / -0.2					0.5 / -0.2				
S = 2.0H		0.7 / -0.3					0.7 / -0.3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 748 lm total luminous flux											