

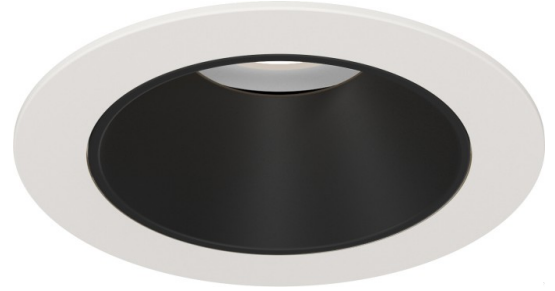
Light efficiency:

76 Lumen/Watt

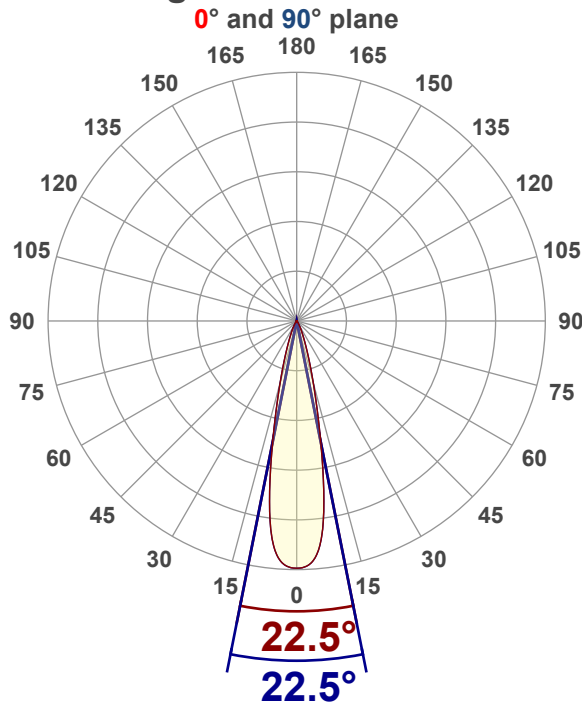
Color temperature:

3118 K

Light quality:

CRI:92.8, R_g:90.7, R_f:102.8**P: 2 / V: - / F: 2****Output: 1111 lm****Peak: 5802 cd****Power: 14.7 W****Voltage: 120 V****Current: 0.124 A****PF: 0.99****THD: 13.53 %**

Angular Distribution



Product name:

DRW-E30VG0BF-XX1-XXX

Test Date:

4/15/2025

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

22.5°

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

40.9°

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

58.4°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	3903 lx	363 fc	1.6 ft / 0.5 m
8 ft / 2.4 m	976 lx	91 fc	3.2 ft / 1 m
12 ft / 3.7 m	434 lx	40 fc	4.8 ft / 1.5 m
16 ft / 4.9 m	244 lx	23 fc	6.4 ft / 1.9 m
20 ft / 6.1 m	156 lx	15 fc	7.9 ft / 2.4 m

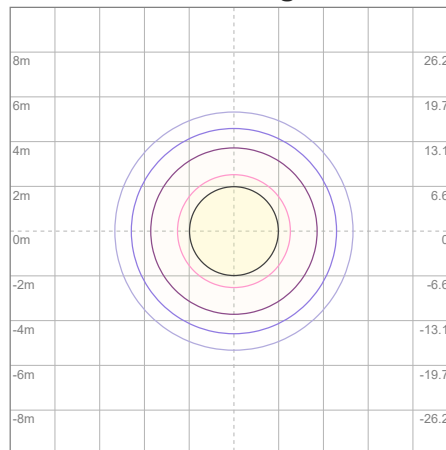
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1036	93.25%
0-40	1076	96.85%
0-60	1091	98.20%
60-90	11.4	1.03%
70-100	6.99	0.63%
90-120	3.70	0.33%
0-90	1102	99.19%
90-180	8.84	0.80%
0-180	1111	100.00%

ISO Lux Diagram



Lux at center:	624 lx
3%	18.72 lx
5%	31.20 lx
10%	62.40 lx
30%	187.20 lx
50%	312.00 lx

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

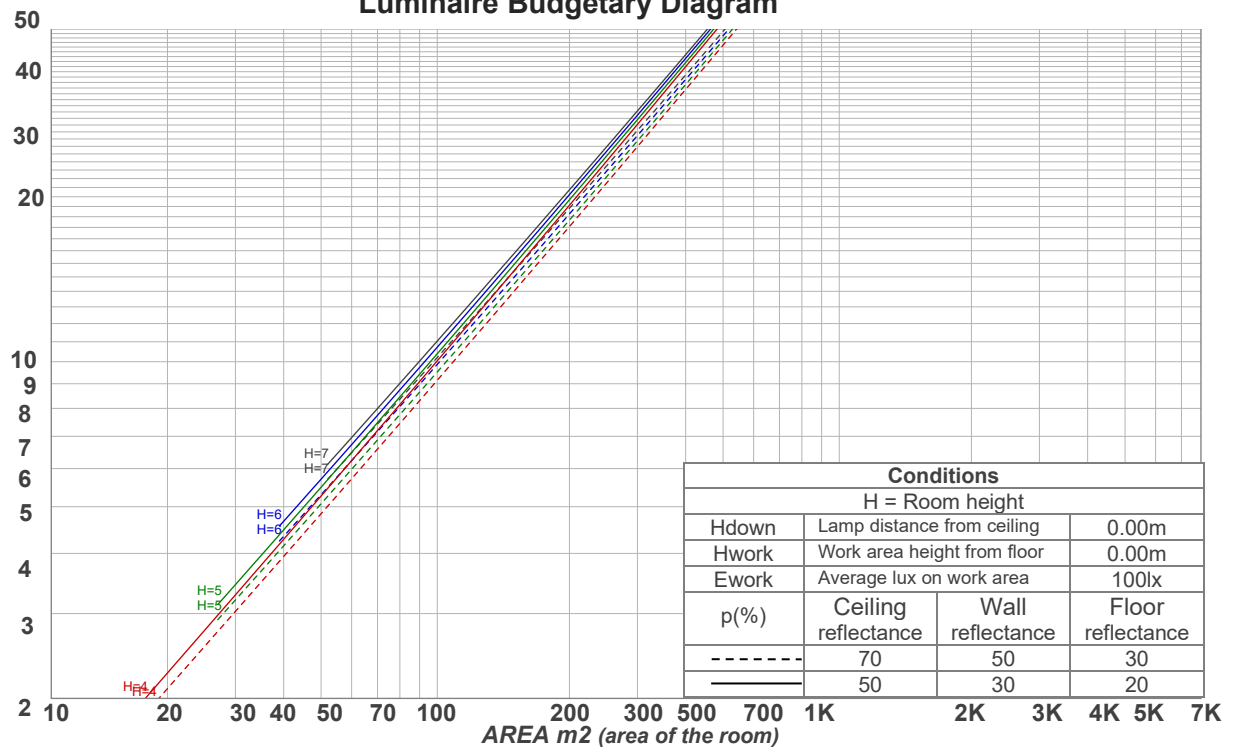
Mounting height: 3.05 meters (10 feet)

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	113	111	109	112	110	109	107	106	105	104	103	101	101	99	98	98	96
2	111	107	104	102	109	106	103	101	102	100	98	99	98	96	97	95	94	93
3	108	103	99	97	106	102	98	96	99	96	94	97	94	93	94	93	91	90
4	104	99	95	92	103	98	94	92	96	93	91	94	91	89	92	90	88	87
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85
6	99	93	89	86	97	92	88	85	90	87	85	89	86	84	88	86	84	83
7	96	90	86	83	95	89	85	83	88	85	82	87	84	82	86	83	81	80
8	94	87	83	81	93	87	83	80	86	82	80	85	82	80	84	81	79	78
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77
10	89	83	79	77	89	83	79	76	82	79	76	81	78	76	81	78	76	75

LAMPS (number of lamps)

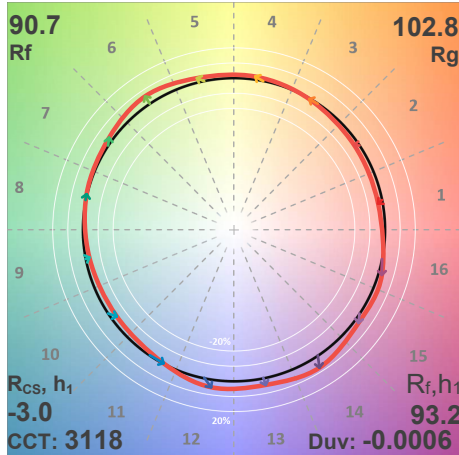
Luminaire Budgetary Diagram



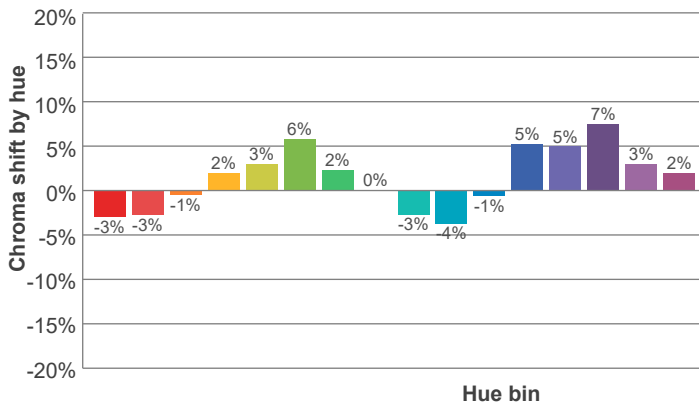
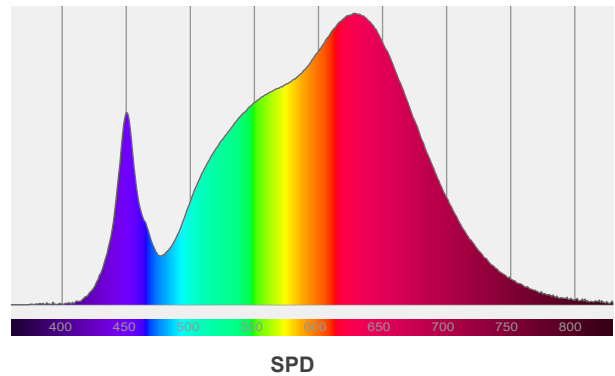
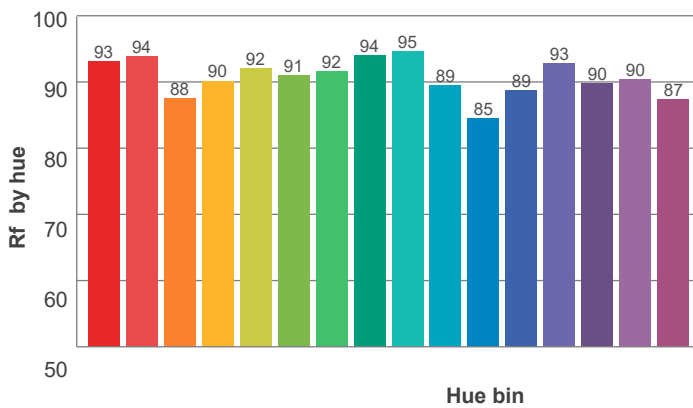
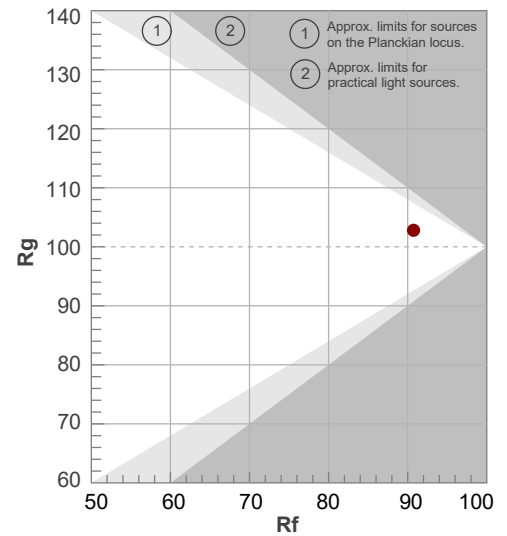
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-3%	-2%
2	94	-3%	2%
3	88	-1%	6%
4	90	2%	6%
5	92	3%	4%
6	91	6%	0%
7	92	2%	-5%
8	94	0%	-4%
9	95	-3%	-1%
10	89	-4%	5%
11	85	-1%	10%
12	89	5%	6%
13	93	5%	1%
14	90	7%	-4%
15	90	3%	-6%
16	87	2%	-10%



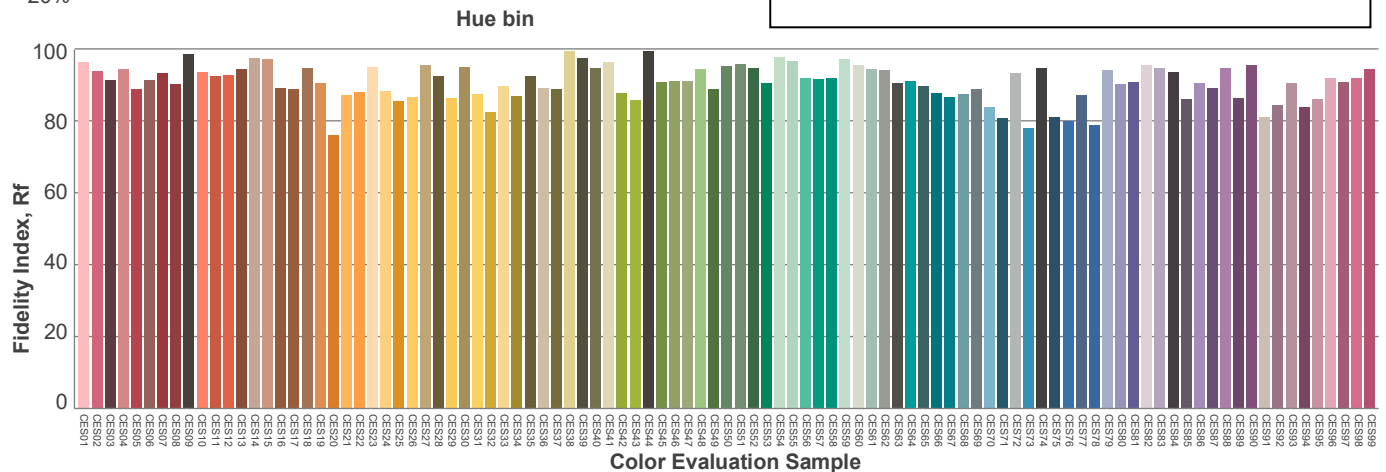
Red: 39.6%, Power=12.5mW

Blue: 7.5%, Power=4.7mW

Green: 24.5%, Power=14.2mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 583nm

1st Peak Wavelength: 628nm2nd Peak Wavelength: 450nm

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	9.2	9.6	9.3	9.8	10.0	9.2	9.6	9.3	9.8	10.0
	3H	10.0	10.5	10.3	10.7	10.9	10.0	10.5	10.3	10.7	10.9
	4H	10.4	11.0	10.8	11.2	11.5	10.4	11.0	10.8	11.2	11.5
	6H	11.0	11.4	11.3	11.8	12.1	11.0	11.4	11.3	11.8	12.1
	8H	11.3	11.7	11.6	12.1	12.4	11.3	11.7	11.6	12.1	12.4
	12H	11.6	12.0	12.0	12.4	12.8	11.6	12.0	12.0	12.4	12.8
4H	2H	9.3	9.8	9.7	10.1	10.3	9.3	9.8	9.7	10.1	10.3
	3H	10.5	10.9	10.9	11.3	11.7	10.5	10.9	10.9	11.3	11.7
	4H	11.1	11.5	11.5	11.9	12.5	11.1	11.5	11.5	11.9	12.5
	6H	11.8	12.2	12.3	12.6	12.9	11.8	12.2	12.3	12.6	12.9
	8H	12.2	12.6	12.7	12.9	13.3	12.2	12.6	12.7	12.9	13.3
	12H	12.6	12.9	13.1	13.3	13.8	12.6	12.9	13.1	13.3	13.8
8H	4H	11.4	11.8	11.9	12.1	12.5	11.4	11.8	11.9	12.1	12.5
	6H	12.3	12.5	12.8	13.0	13.5	12.3	12.5	12.8	13.0	13.5
	8H	12.8	13.0	13.4	13.6	14.2	12.8	13.0	13.4	13.6	14.2
	12H	13.4	13.6	14.0	14.1	14.7	13.4	13.6	14.0	14.1	14.7
12H	4H	11.4	11.7	11.9	12.1	12.6	11.4	11.7	11.9	12.1	12.6
	6H	12.4	12.6	12.9	13.1	13.8	12.4	12.6	12.9	13.1	13.8
	8H	13.0	13.2	13.6	13.7	14.3	13.0	13.2	13.6	13.7	14.3
Variation of the observer position for the luminaire distance S											
S = 1.0H		1.5 / -0.5					1.5 / -0.5				
S = 1.5H		2.9 / -0.6					2.9 / -0.6				
S = 2.0H		4.3 / -0.7					4.3 / -0.7				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1111 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.