

Light efficiency:

90 Lumen/Watt

Color temperature:

3120 K

Light quality:

CRI:92.7, R_g:90.7, R_f:102.7

P: 2 / V: - / F: 2

Output: 1328 lm

Peak: 4327 cd

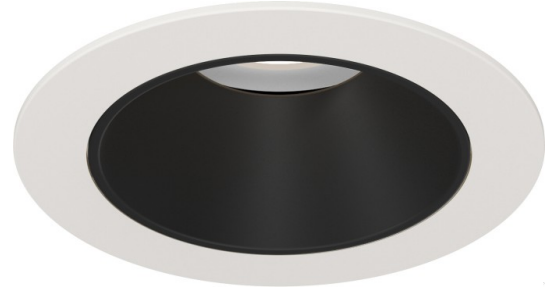
Power: 14.7 W

Voltage: 121 V

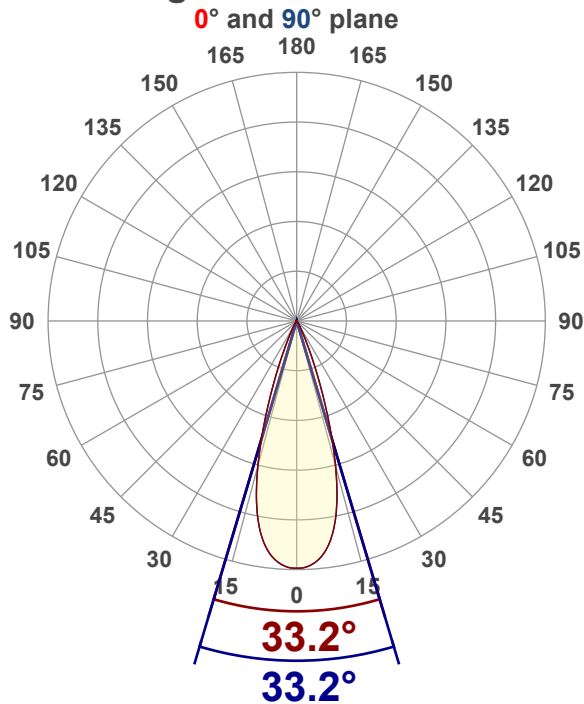
Current: 0.123 A

PF: 0.99

THD: 13.61 %



Angular Distribution



Product name:

DRW-E30NG0BF-XX1-XXX

Test Date:

4/15/2025

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

33.2°

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

48.8°

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

60°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	2911 lx	270 fc	2.4 ft / 0.7 m
8 ft / 2.4 m	728 lx	68 fc	4.8 ft / 1.5 m
12 ft / 3.7 m	323 lx	30 fc	7.2 ft / 2.2 m
16 ft / 4.9 m	182 lx	17 fc	9.5 ft / 2.9 m
20 ft / 6.1 m	116 lx	11 fc	11.9 ft / 3.6 m

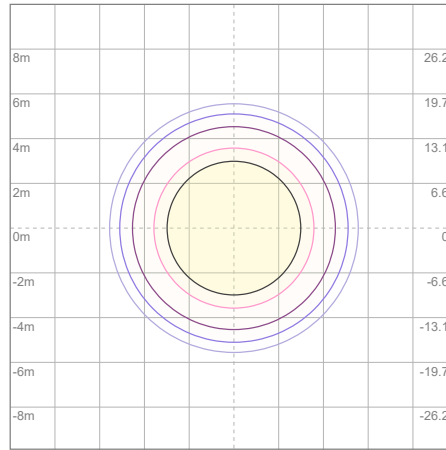
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1276	96.08%
0-40	1304	98.19%
0-60	1312	98.80%
60-90	8.40	0.63%
70-100	4.53	0.34%
90-120	2.72	0.20%
0-90	1320	99.40%
90-180	7.70	0.58%
0-180	1328	100.00%

ISO Lux Diagram



Lux at center:	465 lx
3%	13.95 lx
5%	23.25 lx
10%	46.50 lx
30%	139.50 lx
50%	232.50 lx

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

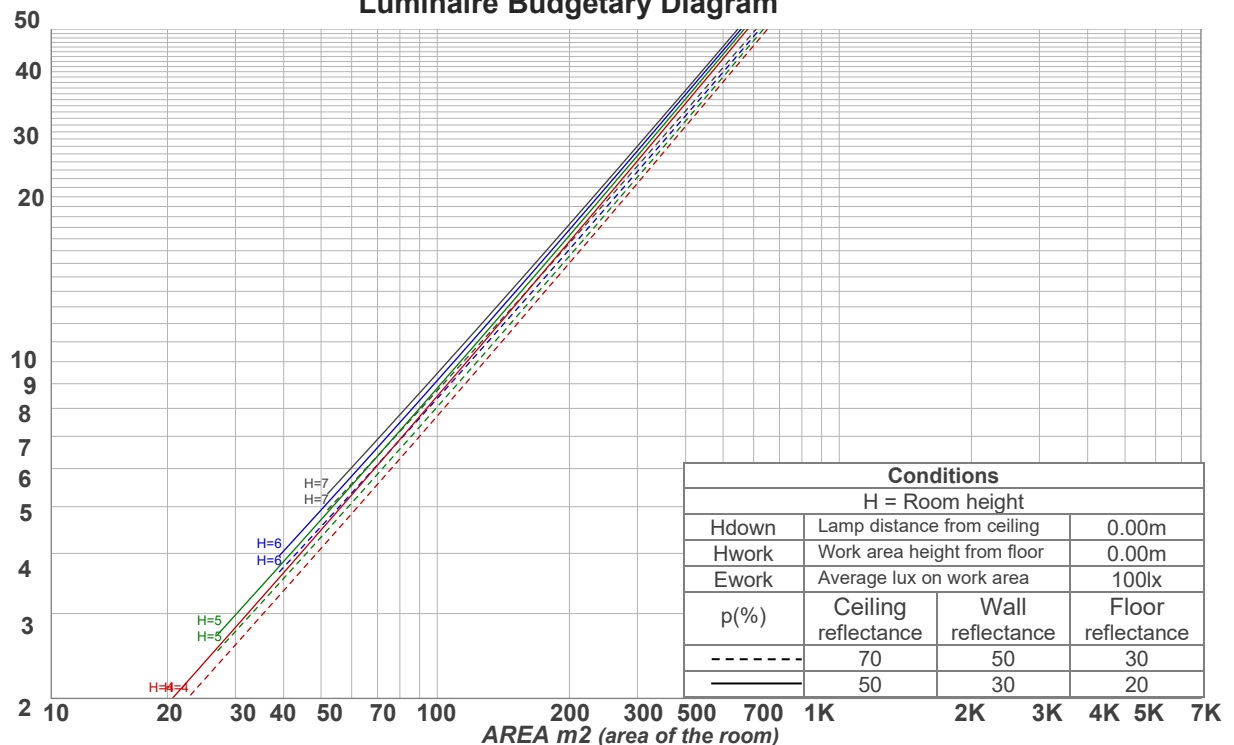
Mounting height: 3.05 meters (10 feet)

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	115	113	111	109	112	110	109	107	106	105	104	102	101	100	99	98	97	96
2	111	107	104	101	109	105	103	100	102	100	98	99	97	96	96	95	94	92
3	107	102	99	96	105	101	98	95	98	96	93	96	94	92	94	92	90	89
4	104	98	94	91	102	97	93	91	95	92	89	93	91	88	91	89	87	86
5	101	94	90	87	99	94	90	87	92	89	86	90	87	85	89	86	84	83
6	98	91	87	84	96	90	86	83	89	86	83	88	85	82	86	84	82	81
7	95	88	84	81	94	87	83	81	86	83	80	85	82	80	84	81	79	78
8	92	85	81	78	91	85	81	78	84	80	78	83	80	77	82	79	77	76
9	89	83	78	76	88	82	78	75	81	78	75	80	77	75	80	77	75	74
10	87	80	76	73	86	80	76	73	79	75	73	78	75	73	78	75	73	72

LAMPS (number of lamps)

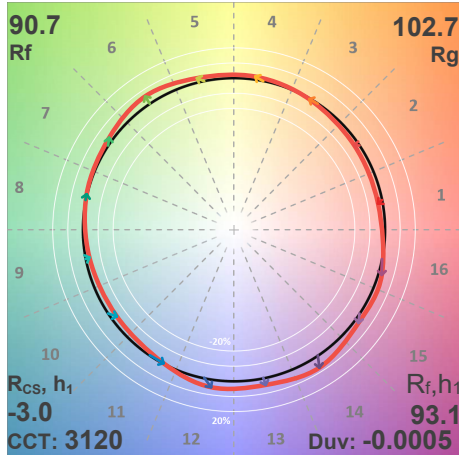
Luminaire Budgetary Diagram



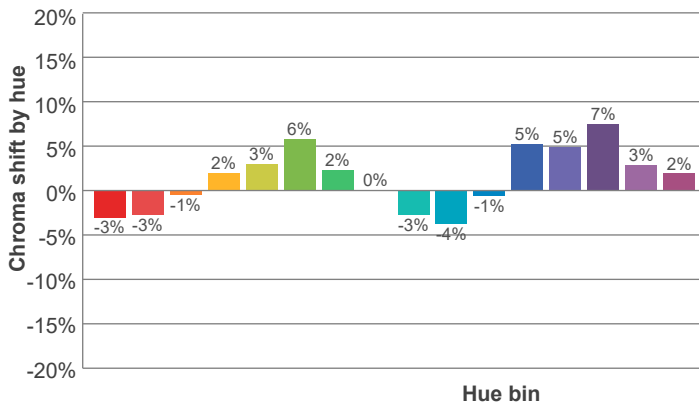
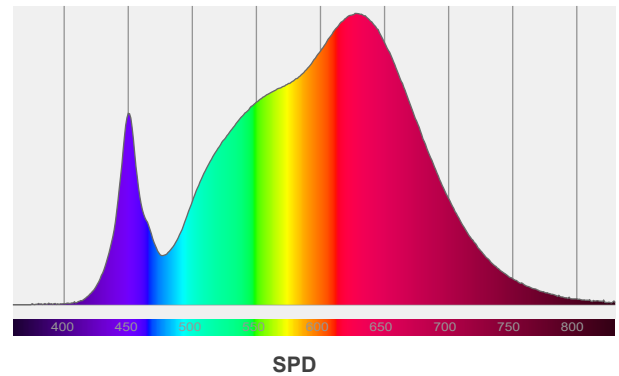
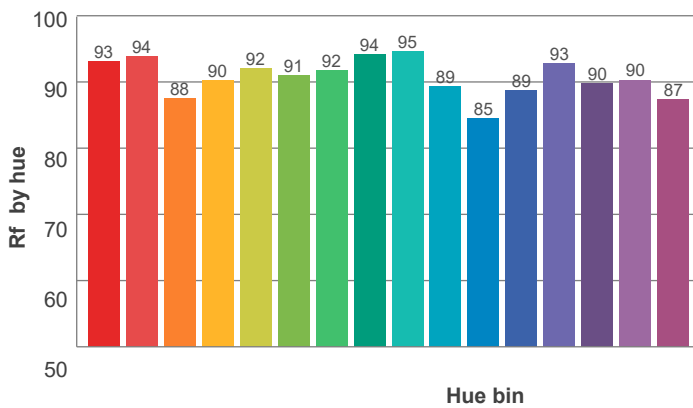
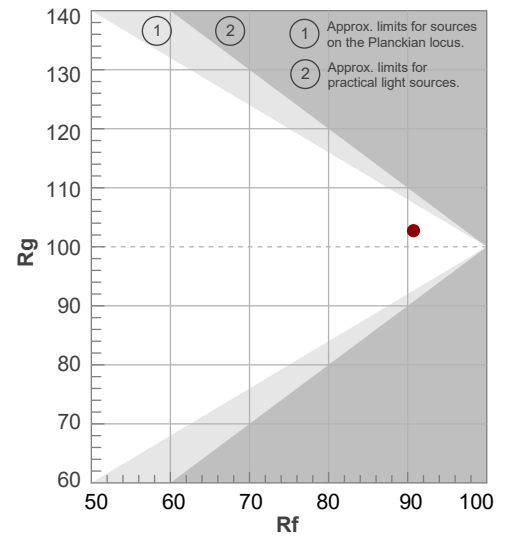
Photometric Testing Report

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%



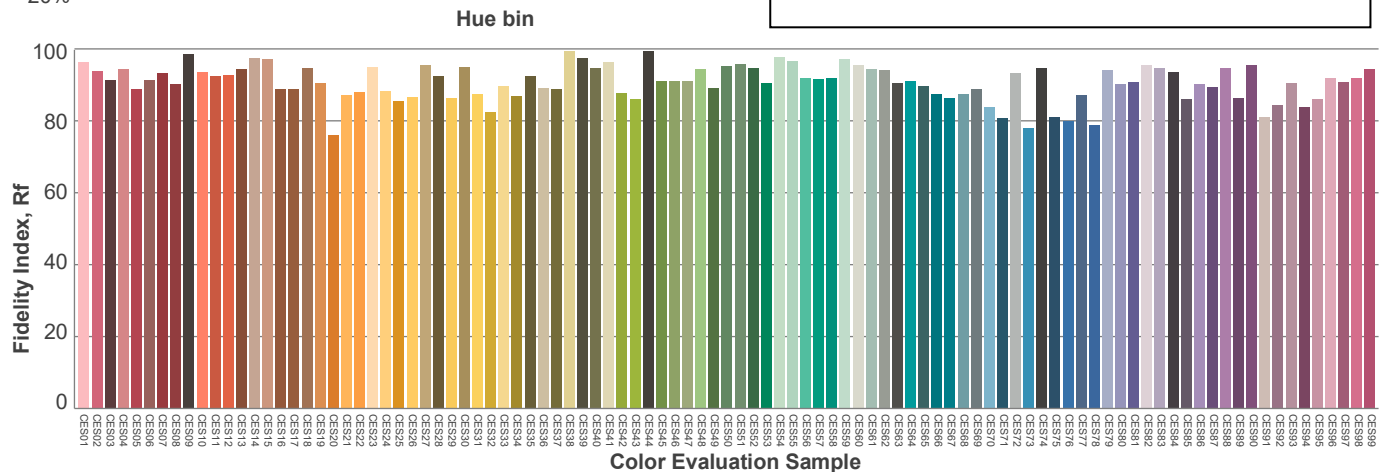
Red: 39.5%, Power=14.8mW

Blue: 7.5%, Power=5.6mW

Green: 24.6%, Power=17.0mW

UVA: 0%, Power=0.1mW

Dominant Wavelength: 583nm

1st Peak Wavelength: 627nm2nd 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	6.0	6.4	6.1	6.6	6.8	6.0	6.4	6.1	6.6	6.8
	3H	7.2	7.8	7.6	8.0	8.2	7.2	7.8	7.6	8.0	8.2
	4H	7.7	8.2	8.0	8.4	8.7	7.7	8.2	8.0	8.4	8.7
	6H	8.0	8.5	8.3	8.8	9.1	8.0	8.5	8.3	8.8	9.1
	8H	8.2	8.6	8.5	9.0	9.3	8.2	8.6	8.5	9.0	9.3
	12H	8.4	8.8	8.7	9.2	9.6	8.4	8.8	8.7	9.2	9.6
4H	2H	6.3	6.8	6.7	7.0	7.3	6.3	6.8	6.7	7.0	7.3
	3H	7.9	8.3	8.3	8.7	9.1	7.9	8.3	8.3	8.7	9.1
	4H	8.4	8.8	8.8	9.2	9.7	8.4	8.8	8.8	9.2	9.7
	6H	8.8	9.3	9.3	9.6	10.0	8.8	9.3	9.3	9.6	10.0
	8H	9.0	9.5	9.6	9.8	10.2	9.0	9.5	9.6	9.8	10.2
	12H	9.3	9.6	9.8	10.0	10.5	9.3	9.6	9.8	10.0	10.5
8H	4H	8.6	9.0	9.1	9.3	9.7	8.6	9.0	9.1	9.3	9.7
	6H	9.2	9.4	9.7	9.9	10.4	9.2	9.4	9.7	9.9	10.4
	8H	9.6	9.7	10.1	10.3	10.9	9.6	9.7	10.1	10.3	10.9
	12H	9.9	10.1	10.5	10.6	11.2	9.9	10.1	10.5	10.6	11.2
12H	4H	8.6	8.9	9.1	9.3	9.8	8.6	8.9	9.1	9.3	9.8
	6H	9.3	9.5	9.8	10.0	10.6	9.3	9.5	9.8	10.0	10.6
	8H	9.6	9.8	10.2	10.3	10.9	9.6	9.8	10.2	10.3	10.9
Variation of the observer position for the luminaire distance S											
S = 1.0H		1.9 / -0.6					1.9 / -0.6				
S = 1.5H		3.7 / -0.8					3.7 / -0.8				
S = 2.0H		5.1 / -1.0					5.1 / -1.0				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1328 lm total luminous flux											