

Light efficiency:

88 Lumen/Watt

Color temperature:

3110 K

Light quality:

CRI:92.8, R_g:90.8, R_f:102.7

P: 2 / V: - / F: 2

Output: 1300 lm

Peak: 2564 cd

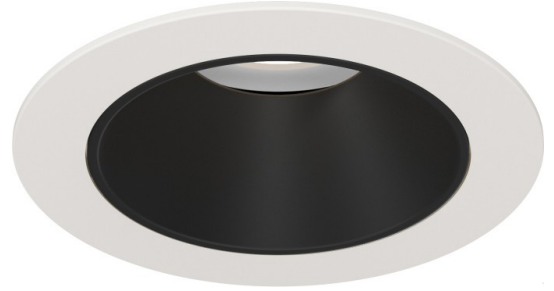
Power: 14.7 W

Voltage: 120 V

Current: 0.124 A

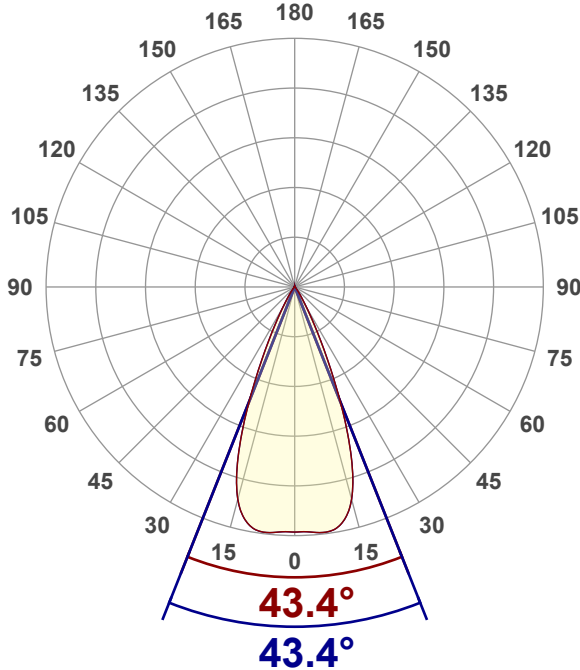
PF: 0.99

THD: 13.49 %



Angular Distribution

0° and 90° plane



Product name:

DRW-E30MG0BF-XX1-XXX

Test Date:

4/15/2025

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

43.4°

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

59.9°

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

73.6°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1711 lx	159 fc	3.2 ft / 1 m
8 ft / 2.4 m	428 lx	40 fc	6.4 ft / 1.9 m
12 ft / 3.7 m	190 lx	18 fc	9.5 ft / 2.9 m
16 ft / 4.9 m	107 lx	10 fc	12.7 ft / 3.9 m
20 ft / 6.1 m	68 lx	6 fc	15.9 ft / 4.8 m

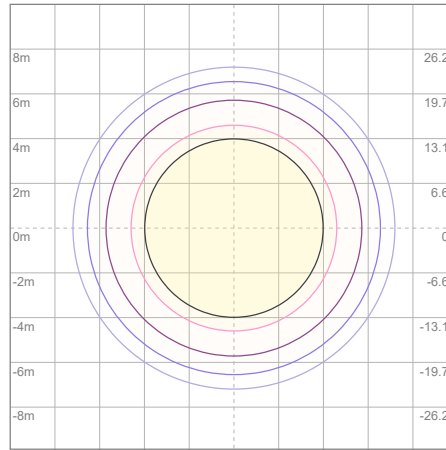
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1203	92.54%
0-40	1267	97.46%
0-60	1281	98.54%
60-90	11.2	0.86%
70-100	5.77	0.44%
90-120	2.69	0.21%
0-90	1292	99.38%
90-180	7.22	0.56%
0-180	1300	100.00%

ISO Lux Diagram



Lux at center:	273 lx
3%	8.19 lx
5%	13.65 lx
10%	27.30 lx
30%	81.90 lx
50%	136.50 lx

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

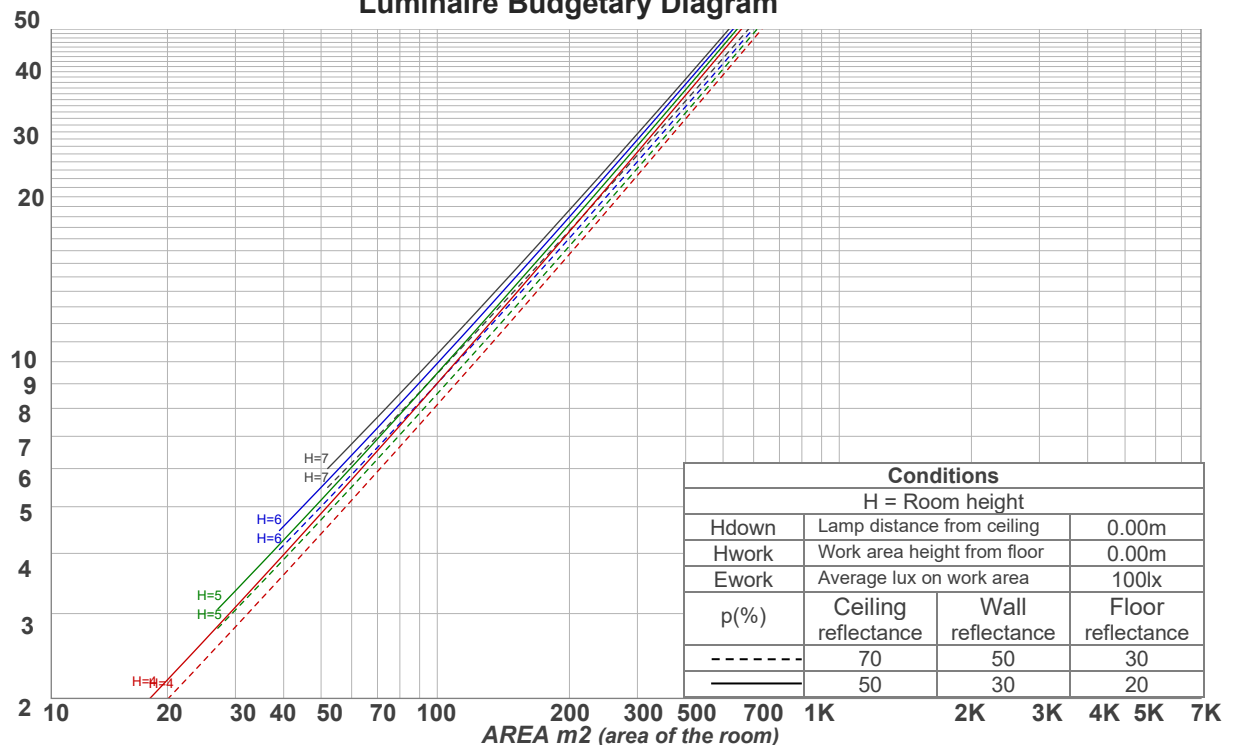
Mounting height: 3.05 meters (10 feet)

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	106	104	103	102	101	99	98	97	97	95
2	110	106	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90
3	106	100	96	93	104	99	95	92	96	93	90	94	91	89	92	89	88	86
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	88	86	84	82
5	98	91	86	83	96	90	86	82	88	84	81	87	83	81	85	82	80	79
6	94	87	82	79	93	86	82	78	85	81	78	83	80	77	82	79	77	75
7	91	83	78	75	90	83	78	75	81	77	74	80	77	74	79	76	73	72
8	88	80	75	72	86	79	75	71	78	74	71	77	74	71	76	73	71	69
9	84	77	72	69	83	76	72	69	75	71	68	74	71	68	74	70	68	67
10	82	74	69	66	81	73	69	66	73	68	66	72	68	65	71	68	65	64

LAMPS (number of lamps)

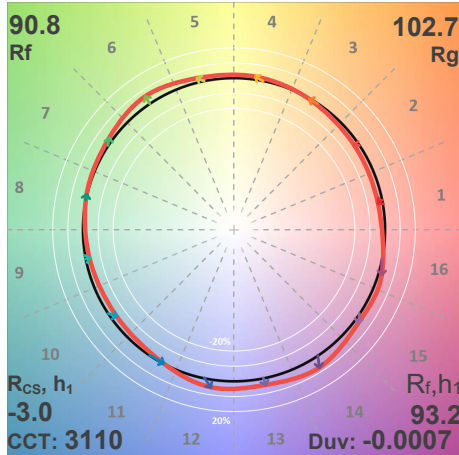
Luminaire Budgetary Diagram



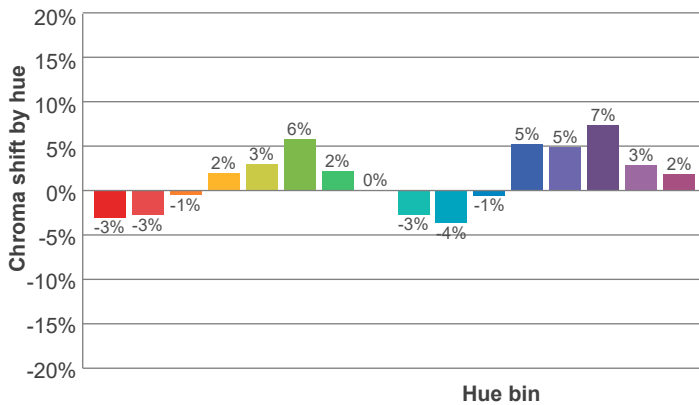
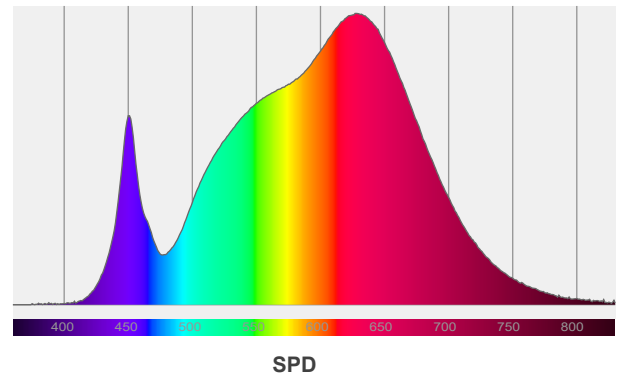
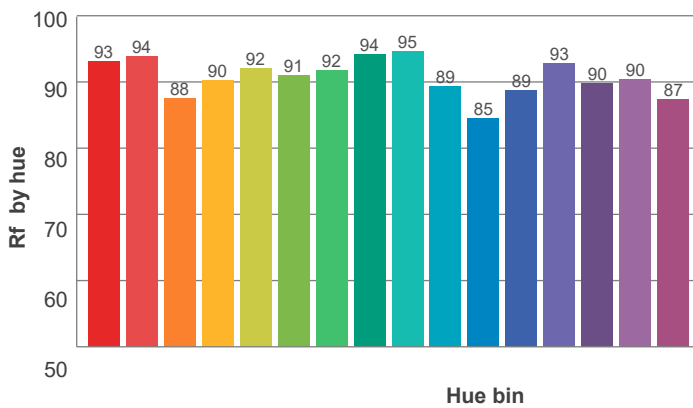
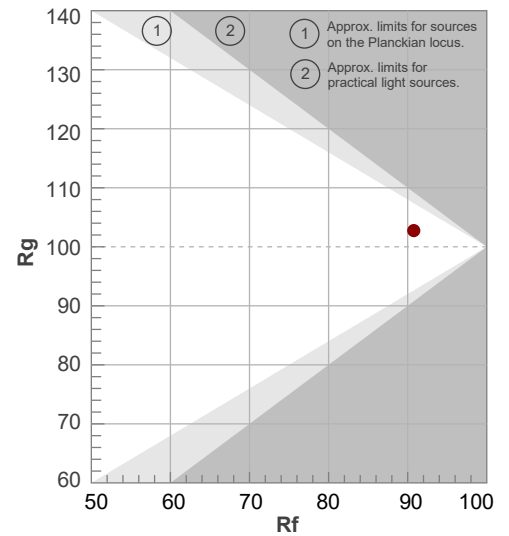
Photometric Testing Report

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%	0%
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%



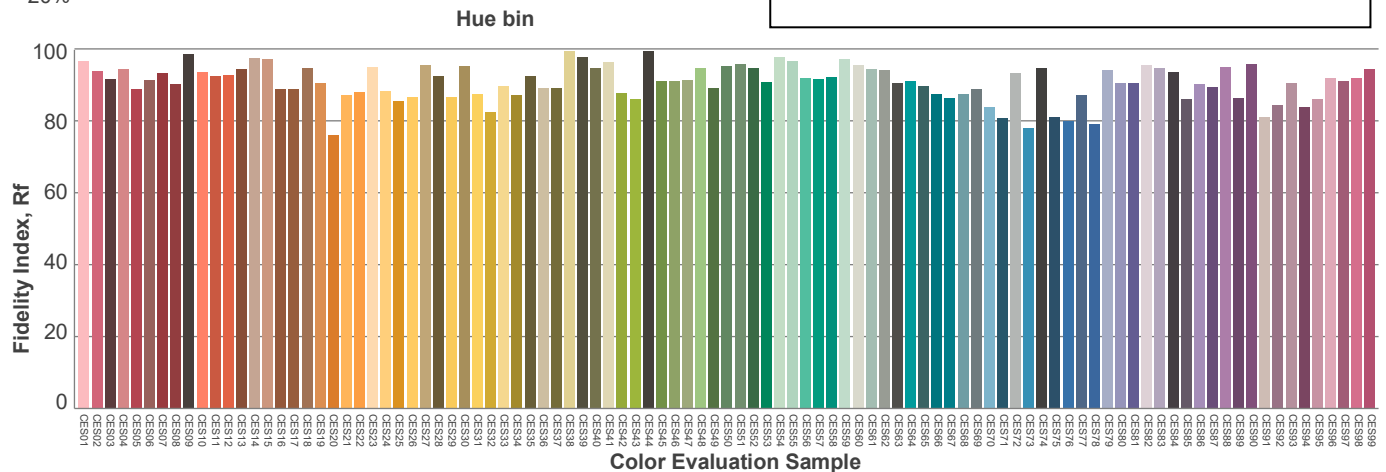
Red: 39.6%, Power=14.6mW

Blue: 7.6%, Power=5.6mW

Green: 24.4%, Power=16.6mW

UVA: 0%, Power=0.1mW

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	11.0	11.5	11.1	11.7	11.9	11.0	11.5	11.1	11.7	11.9
	3H	11.4	12.1	11.8	12.3	12.5	11.4	12.1	11.8	12.3	12.5
	4H	11.7	12.3	12.1	12.5	12.7	11.7	12.3	12.1	12.5	12.7
	6H	11.9	12.4	12.2	12.7	13.0	11.9	12.4	12.2	12.7	13.0
	8H	11.9	12.4	12.3	12.8	13.1	11.9	12.4	12.3	12.8	13.1
	12H	12.0	12.5	12.4	12.8	13.3	12.0	12.5	12.4	12.8	13.3
4H	2H	10.9	11.5	11.3	11.7	12.0	10.9	11.5	11.3	11.7	12.0
	3H	11.8	12.2	12.1	12.6	13.0	11.8	12.2	12.1	12.6	13.0
	4H	12.0	12.5	12.5	12.9	13.4	12.0	12.5	12.5	12.9	13.4
	6H	12.3	12.8	12.8	13.1	13.4	12.3	12.8	12.8	13.1	13.4
	8H	12.4	12.8	12.9	13.2	13.5	12.4	12.8	12.9	13.2	13.5
	12H	12.5	12.8	13.0	13.3	13.7	12.5	12.8	13.0	13.3	13.7
8H	4H	12.1	12.6	12.6	12.9	13.3	12.1	12.6	12.6	12.9	13.3
	6H	12.5	12.7	13.0	13.2	13.7	12.5	12.7	13.0	13.2	13.7
	8H	12.7	12.9	13.2	13.4	14.1	12.7	12.9	13.2	13.4	14.1
	12H	12.9	13.1	13.5	13.6	14.2	12.9	13.1	13.5	13.6	14.2
12H	4H	12.1	12.4	12.6	12.8	13.3	12.1	12.4	12.6	12.8	13.3
	6H	12.5	12.7	13.0	13.3	13.9	12.5	12.7	13.0	13.3	13.9
	8H	12.7	12.9	13.3	13.4	14.0	12.7	12.9	13.3	13.4	14.0
Variation of the observer position for the luminaire distance S											
S = 1.0H		3.5 / -1.6					3.5 / -1.6				
S = 1.5H		5.8 / -1.8					5.8 / -1.8				
S = 2.0H		7.6 / -2.0					7.6 / -2.0				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1300 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.