

Light efficiency:

90 Lumen/Watt

Color temperature:

3109 K

Light quality:

CRI:92.8, R_g:90.8, R_f:102.8

P: 2 / V: - / F: 2

Output: 1316 lm

Peak: 2577 cd

Power: 14.7 W

Voltage: 120 V

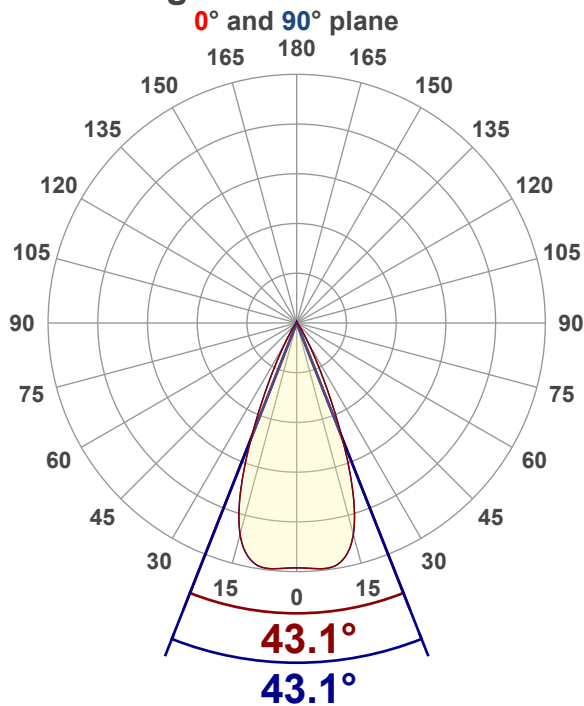
Current: 0.124 A

PF: 0.99

THD: 13.52 %



Angular Distribution



Product name:

DRW-E30MG0WF-XX1-XXX

Test Date:

4/15/2025

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

43.1°

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

59.7°

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

74.1°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1718 lx	160 fc	3.2 ft / 1 m
8 ft / 2.4 m	429 lx	40 fc	6.3 ft / 1.9 m
12 ft / 3.7 m	191 lx	18 fc	9.5 ft / 2.9 m
16 ft / 4.9 m	107 lx	10 fc	12.6 ft / 3.9 m
20 ft / 6.1 m	69 lx	6 fc	15.8 ft / 4.8 m

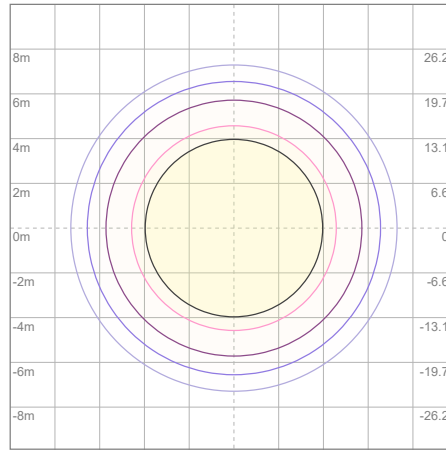
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1200	91.19%
0-40	1266	96.20%
0-60	1287	97.80%
60-90	17.0	1.29%
70-100	9.46	0.72%
90-120	6.05	0.46%
0-90	1304	99.09%
90-180	12.0	0.91%
0-180	1316	100.00%

ISO Lux Diagram



Lux at center:	275 lx
3%	8.25 lx
5%	13.75 lx
10%	27.50 lx
30%	82.50 lx
50%	137.50 lx

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

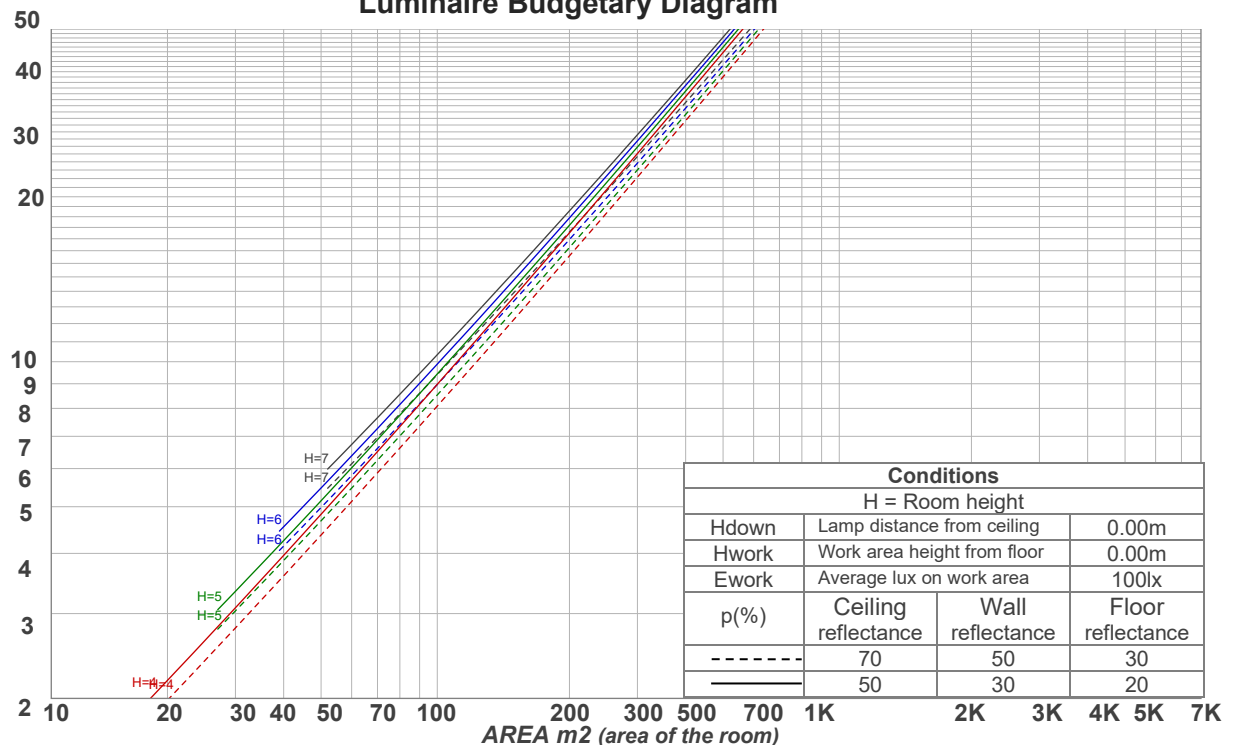
Mounting height: 3.05 meters (10 feet)

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	101	101	101	99
1	114	112	109	107	112	109	107	106	105	104	102	101	100	99	98	97	96	94
2	109	105	102	99	107	103	100	98	100	98	95	97	95	93	94	93	91	90
3	105	100	95	92	103	98	94	91	96	92	90	93	91	88	91	89	87	85
4	101	95	90	87	99	94	89	86	91	88	85	89	86	84	88	85	83	82
5	97	90	85	82	96	89	85	82	88	84	81	86	83	80	84	82	79	78
6	94	86	81	78	92	85	81	78	84	80	77	83	79	76	81	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74	79	76	73	78	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69
9	84	76	71	68	83	76	71	68	75	70	68	74	70	67	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	70	67	64	63

LAMPS (number of lamps)

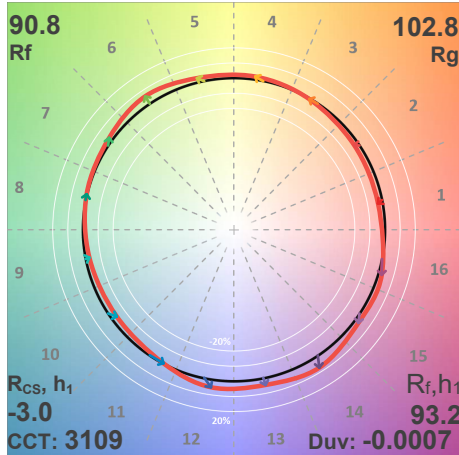
Luminaire Budgetary Diagram



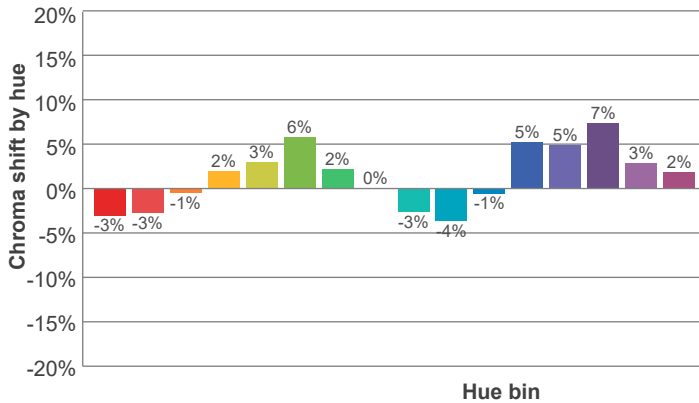
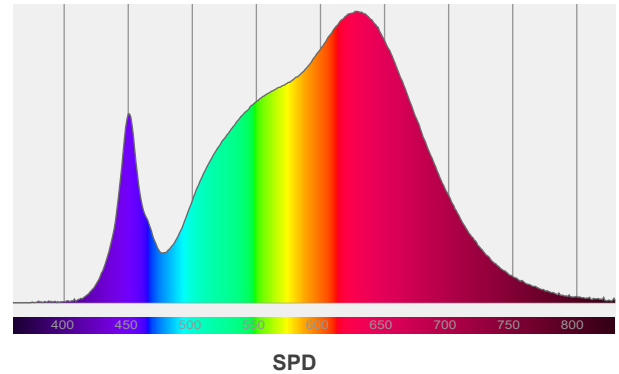
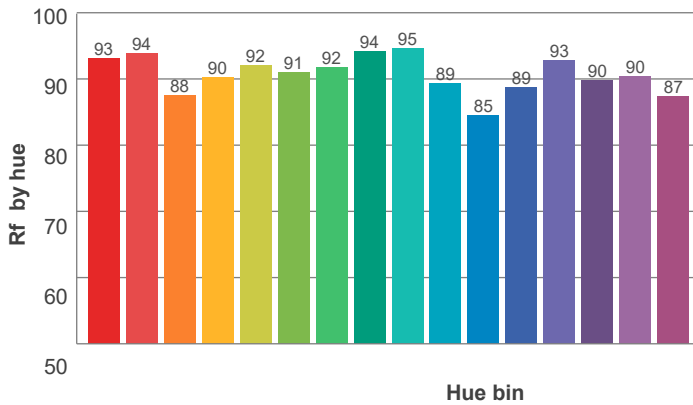
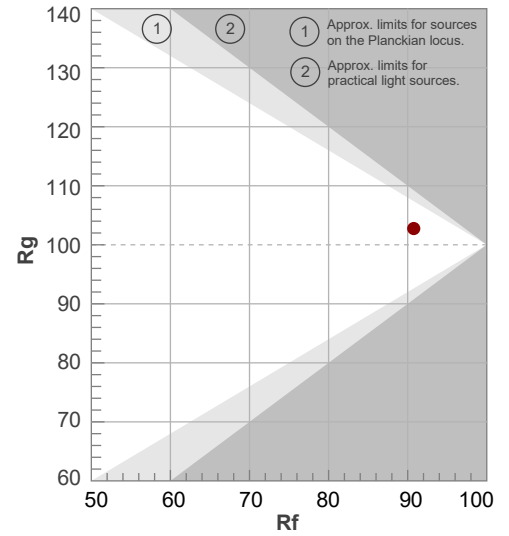
Photometric Testing Report

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%



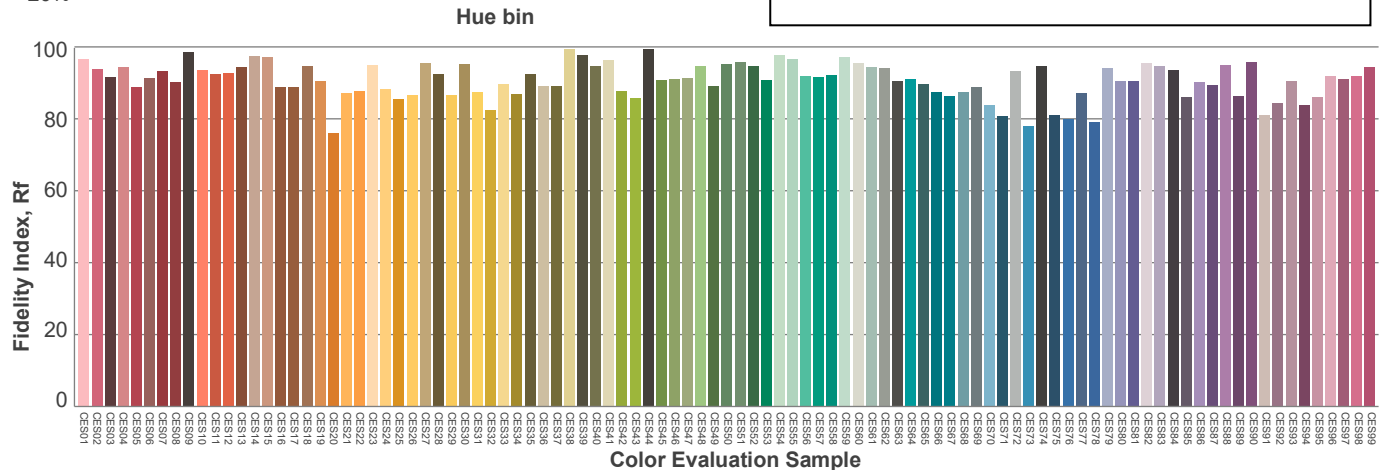
Red: 39.6%, Power=14.8mW

Blue: 7.6%, Power=5.7mW

Green: 24.4%, Power=16.8mW

UVA: 0%, Power=0.1mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 628nm2nd Peak Wavelength: 451nm

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	11.8	12.3	11.9	12.5	12.7	11.8	12.3	11.9	12.5	12.7
	3H	12.7	13.3	13.0	13.5	13.7	12.7	13.3	13.0	13.5	13.7
	4H	13.0	13.7	13.5	13.9	14.2	13.0	13.7	13.5	13.9	14.2
	6H	13.4	13.9	13.7	14.3	14.6	13.4	13.9	13.7	14.3	14.6
	8H	13.6	14.1	13.9	14.4	14.8	13.6	14.1	13.9	14.4	14.8
	12H	13.7	14.2	14.1	14.6	15.0	13.7	14.2	14.1	14.6	15.0
4H	2H	11.9	12.6	12.3	12.8	13.0	11.9	12.6	12.3	12.8	13.0
	3H	13.2	13.7	13.6	14.1	14.5	13.2	13.7	13.6	14.1	14.5
	4H	13.7	14.1	14.1	14.6	15.1	13.7	14.1	14.1	14.6	15.1
	6H	14.1	14.6	14.6	14.9	15.3	14.1	14.6	14.6	14.9	15.3
	8H	14.3	14.8	14.9	15.1	15.5	14.3	14.8	14.9	15.1	15.5
	12H	14.5	14.9	15.1	15.3	15.8	14.5	14.9	15.1	15.3	15.8
8H	4H	13.8	14.3	14.4	14.6	15.0	13.8	14.3	14.4	14.6	15.0
	6H	14.4	14.7	15.0	15.2	15.8	14.4	14.7	15.0	15.2	15.8
	8H	14.8	15.0	15.3	15.6	16.2	14.8	15.0	15.3	15.6	16.2
	12H	15.2	15.4	15.8	15.9	16.5	15.2	15.4	15.8	15.9	16.5
12H	4H	13.8	14.2	14.3	14.6	15.1	13.8	14.2	14.3	14.6	15.1
	6H	14.6	14.8	15.1	15.3	15.9	14.6	14.8	15.1	15.3	15.9
	8H	14.9	15.1	15.5	15.6	16.2	14.9	15.1	15.5	15.6	16.2
Variation of the observer position for the luminaire distance S											
S = 1.0H		2.1 / -0.8					2.1 / -0.8				
S = 1.5H		4.0 / -0.9					4.0 / -0.9				
S = 2.0H		5.6 / -1.0					5.6 / -1.0				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1316 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.