

Light efficiency:

88 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: 1294 lm

Peak: 1663 cd

Power: 14.7 W

Voltage: 119 V

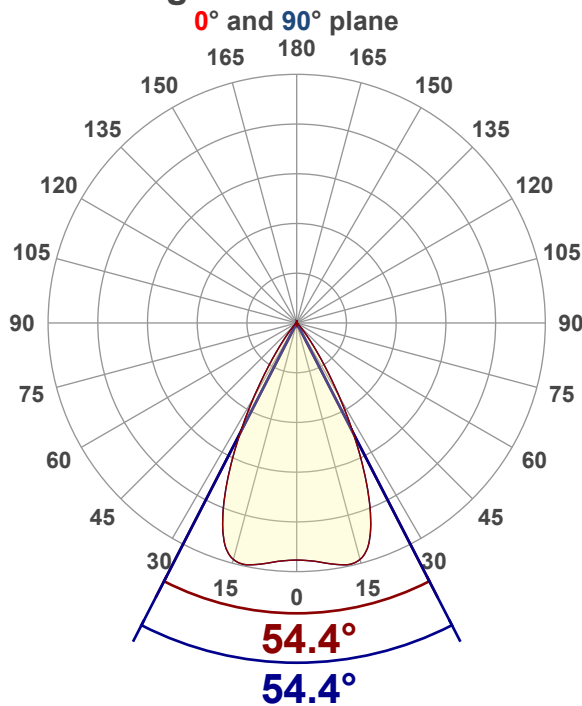
Current: 0.124 A

PF: 0.99

THD: 13.49 %



Angular Distribution



Product name:

DRW-E30WG0WF-XX1-XXX

Test Date:

4/14/2025

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

54.4°

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

73.5°

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

85.7°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1074 lx	100 fc	4.1 ft / 1.3 m
8 ft / 2.4 m	268 lx	25 fc	8.2 ft / 2.5 m
12 ft / 3.7 m	119 lx	11 fc	12.3 ft / 3.8 m
16 ft / 4.9 m	67 lx	6 fc	16.4 ft / 5 m
20 ft / 6.1 m	43 lx	4 fc	20.5 ft / 6.3 m

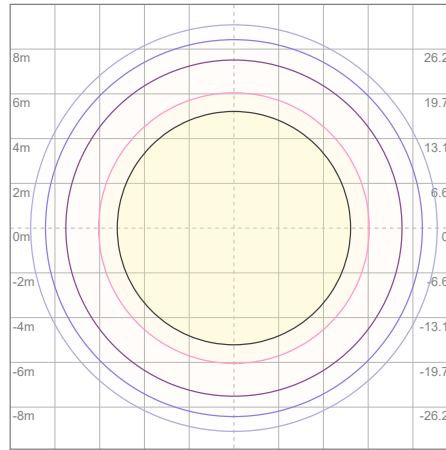
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1076	83.15%
0-40	1238	95.67%
0-60	1269	98.07%
60-90	15.3	1.18%
70-100	8.93	0.69%
90-120	4.17	0.32%
0-90	1285	99.30%
90-180	8.99	0.69%
0-180	1294	100.00%

ISO Lux Diagram



Lux at center:	172 lx
3%	5.16 lx
5%	8.60 lx
10%	17.20 lx
30%	51.60 lx
50%	86.00 lx

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

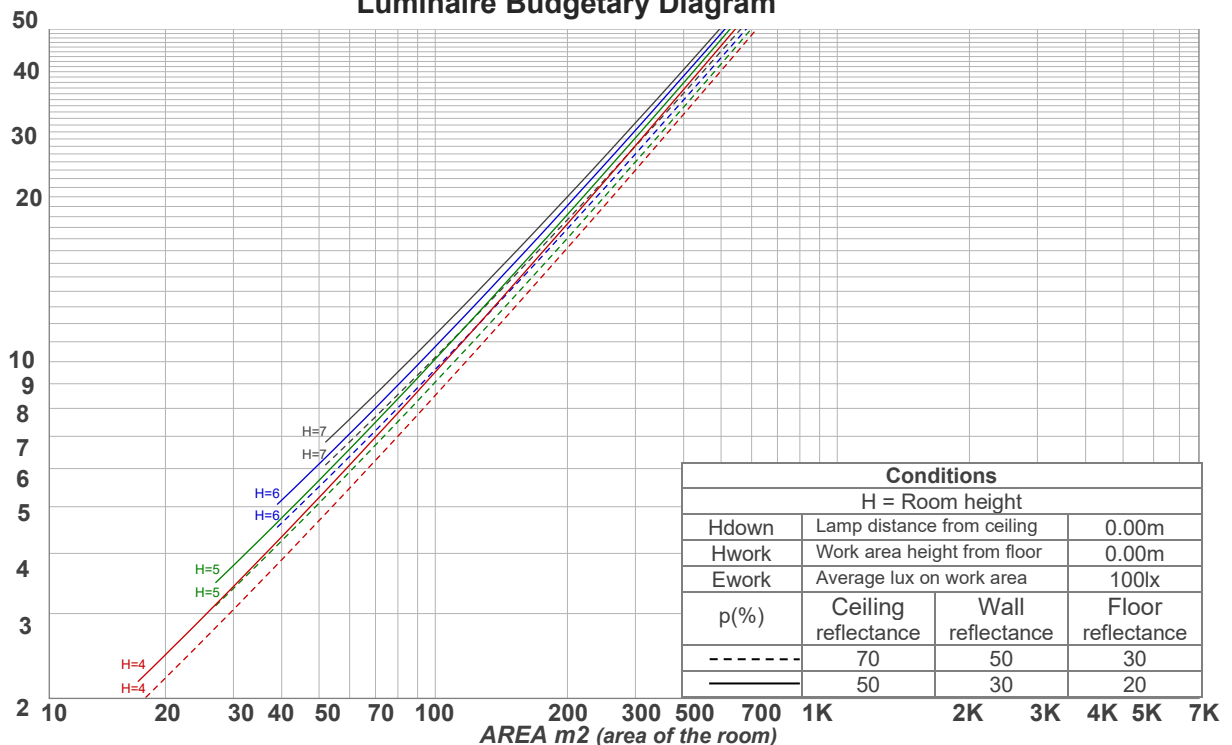
Mounting height: 3.05 meters (10 feet)

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	114	111	109	106	111	109	107	105	105	103	101	101	99	98	97	96	95	93
2	108	104	100	97	106	102	99	96	99	96	93	96	93	91	93	91	89	88
3	104	97	93	89	101	96	92	88	93	90	87	91	88	85	89	86	84	83
4	99	92	87	83	97	91	86	82	88	84	81	86	83	80	84	82	79	78
5	94	87	81	77	93	86	81	77	84	79	76	82	78	75	81	77	75	73
6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	73	71	69
7	86	78	72	68	85	77	72	68	76	71	68	74	70	67	73	70	67	65
8	82	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62
9	79	70	65	61	78	69	64	61	69	64	60	68	63	60	67	63	60	59
10	76	67	61	58	75	66	61	58	65	61	57	65	60	57	64	60	57	56

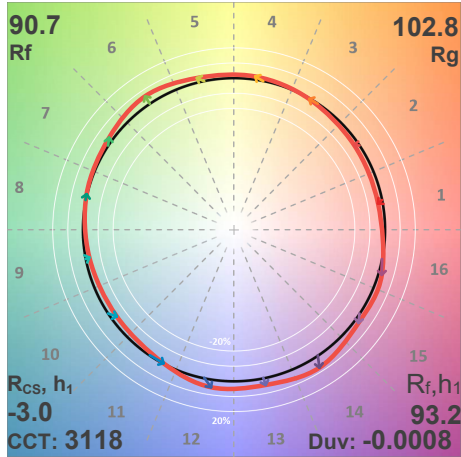
LAMPS (number of lamps)

Luminaire Budgetary Diagram

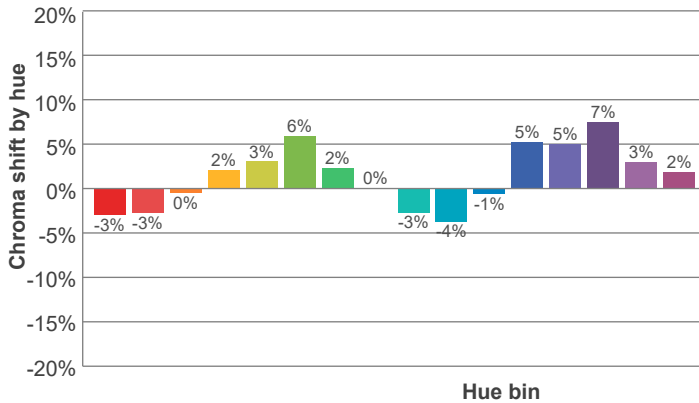
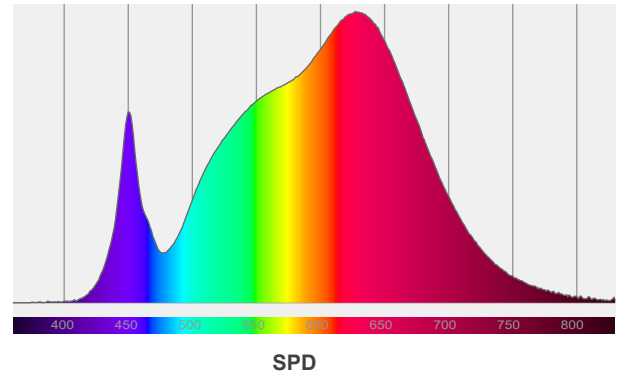
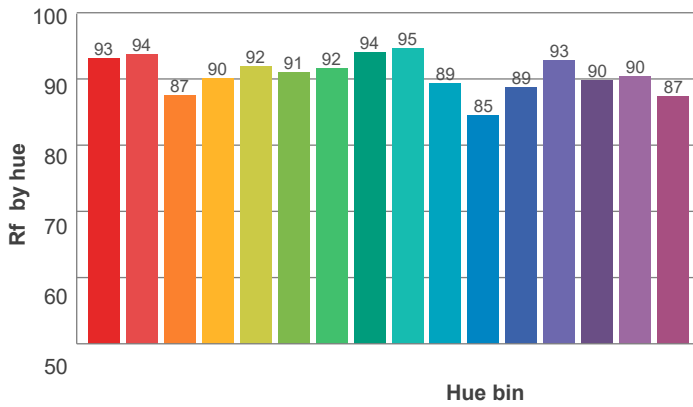
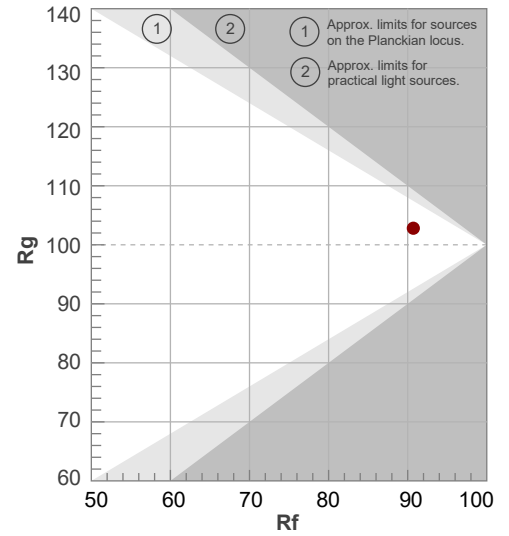


ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-3%	-2%
2	94	-3%	2%
3	87	0%	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%



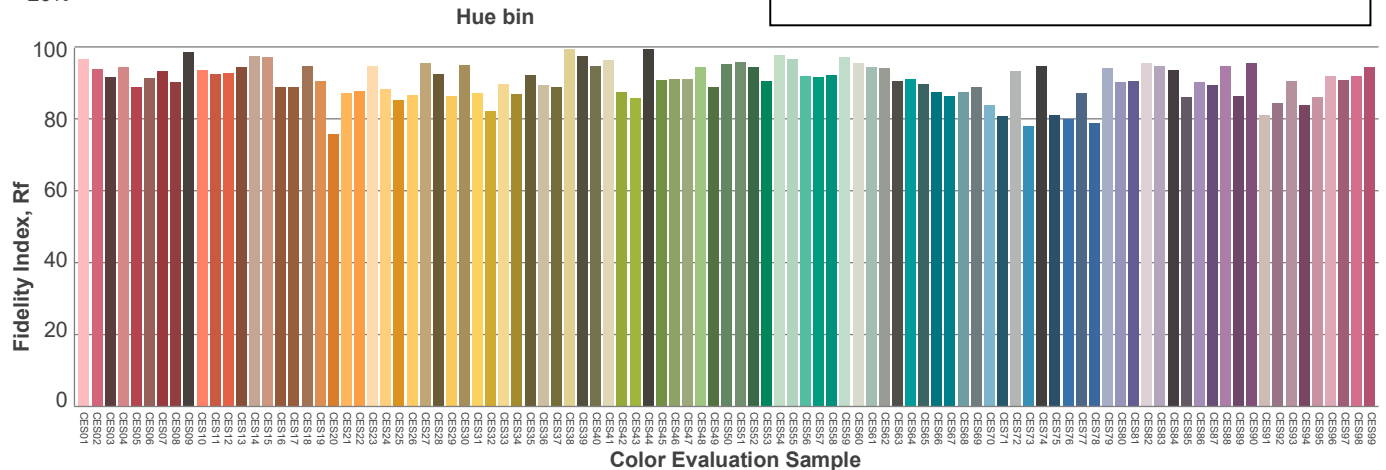
Red: 39.5%, Power=14.5mW

Blue: 7.6%, Power=5.6mW

Green: 24.5%, Power=16.5mW

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	17.3	17.9	17.4	18.1	18.3	17.3	17.9	17.4	18.1	18.3
	3H	17.2	17.9	17.6	18.1	18.3	17.2	17.9	17.6	18.1	18.3
	4H	17.3	18.0	17.7	18.2	18.4	17.3	18.0	17.7	18.2	18.4
	6H	17.4	18.0	17.7	18.3	18.6	17.4	18.0	17.7	18.3	18.6
	8H	17.4	18.0	17.7	18.3	18.7	17.4	18.0	17.7	18.3	18.7
	12H	17.4	18.0	17.8	18.3	18.7	17.4	18.0	17.8	18.3	18.7
4H	2H	17.0	17.7	17.4	17.9	18.2	17.0	17.7	17.4	17.9	18.2
	3H	17.2	17.7	17.6	18.1	18.5	17.2	17.7	17.6	18.1	18.5
	4H	17.3	17.8	17.7	18.2	18.7	17.3	17.8	17.7	18.2	18.7
	6H	17.4	17.9	17.9	18.3	18.6	17.4	17.9	17.9	18.3	18.6
	8H	17.4	17.9	18.0	18.3	18.7	17.4	17.9	18.0	18.3	18.7
	12H	17.5	17.9	18.0	18.3	18.8	17.5	17.9	18.0	18.3	18.8
8H	4H	17.2	17.7	17.8	18.1	18.4	17.2	17.7	17.8	18.1	18.4
	6H	17.5	17.8	18.0	18.2	18.8	17.5	17.8	18.0	18.2	18.8
	8H	17.6	17.9	18.1	18.4	19.0	17.6	17.9	18.1	18.4	19.0
	12H	17.7	18.0	18.3	18.5	19.1	17.7	18.0	18.3	18.5	19.1
12H	4H	17.2	17.6	17.7	18.0	18.5	17.2	17.6	17.7	18.0	18.5
	6H	17.5	17.7	18.0	18.3	18.9	17.5	17.7	18.0	18.3	18.9
	8H	17.6	17.8	18.2	18.4	19.0	17.6	17.8	18.2	18.4	19.0
Variation of the observer position for the luminaire distance S											
S = 1.0H		4.8 / -3.3					4.8 / -3.3				
S = 1.5H		7.4 / -3.5					7.4 / -3.5				
S = 2.0H		9.3 / -3.6					9.3 / -3.6				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1294 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.