

Light efficiency:

80 Lumen/Watt

Color temperature:

3111 K

Light quality:

CRI:92.8, R_g:90.8, R_f:102.8

P: 2 / V: - / F: 2

Output: 1177 lm

Peak: 5834 cd

Power: 14.7 W

Voltage: 119 V

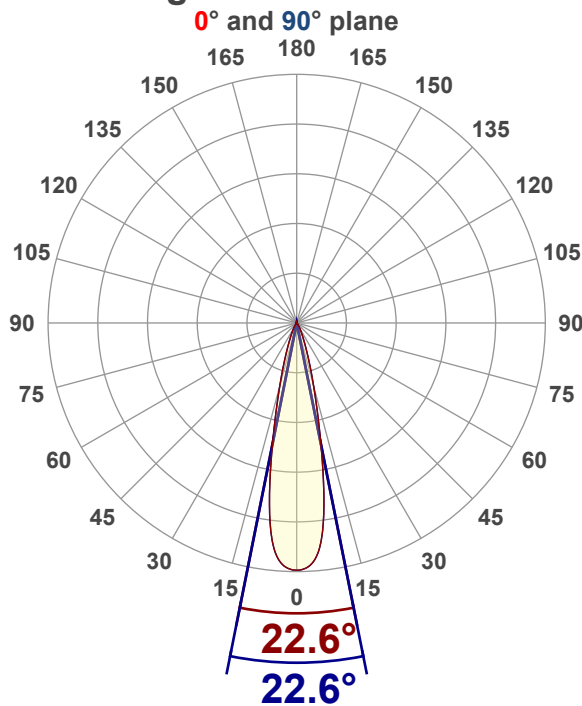
Current: 0.124 A

PF: 0.99

THD: 13.51 %



Angular Distribution



Product name:

DRW-E30VG2WF-XX1-XXX

Test Date:

4/14/2025

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

22.6°

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

41.2°

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

59.7°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	3925 lx	365 fc	1.6 ft / 0.5 m
8 ft / 2.4 m	981 lx	91 fc	3.2 ft / 1 m
12 ft / 3.7 m	436 lx	41 fc	4.8 ft / 1.5 m
16 ft / 4.9 m	245 lx	23 fc	6.4 ft / 1.9 m
20 ft / 6.1 m	157 lx	15 fc	8 ft / 2.4 m

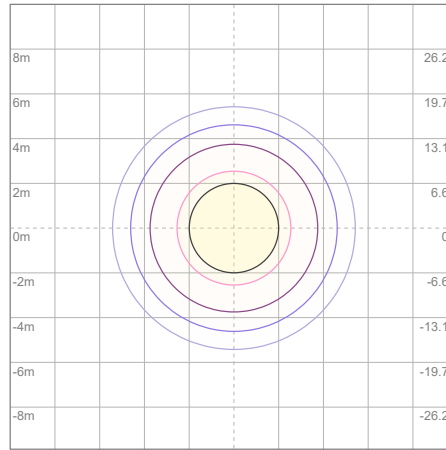
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1056	89.72%
0-40	1103	93.71%
0-60	1127	95.75%
60-90	20.5	1.74%
70-100	16.7	1.42%
90-120	18.6	1.58%
0-90	1147	97.45%
90-180	29.8	2.53%
0-180	1177	100.00%

ISO Lux Diagram



Lux at center:	627 lx
3%	18.81 lx
5%	31.35 lx
10%	62.70 lx
30%	188.10 lx
50%	313.50 lx

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

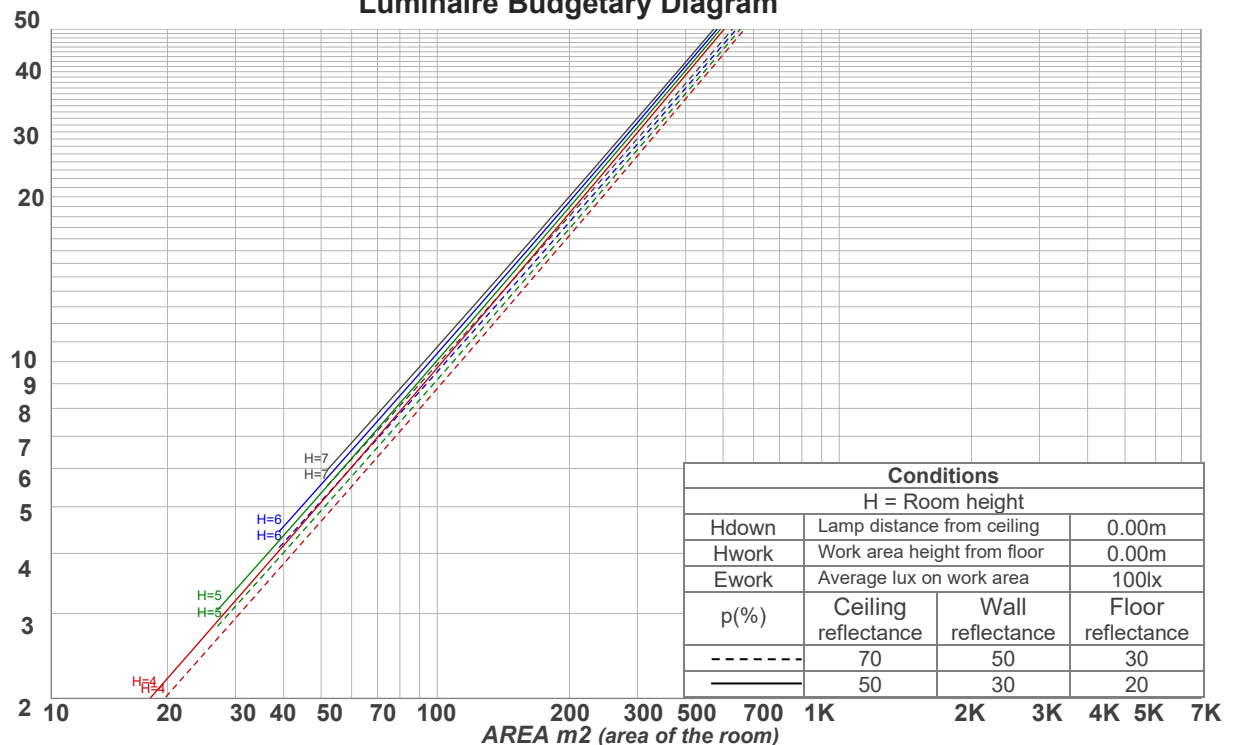
Mounting height: 3.05 meters (10 feet)

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	118	118	118	118	115	115	115	115	110	110	110	104	104	104	100	100	100	97
1	114	112	110	108	111	109	108	106	105	104	102	101	100	99	97	96	95	94
2	110	106	103	100	108	104	101	99	101	99	97	98	96	94	95	93	92	90
3	106	101	98	95	104	100	97	94	97	94	92	95	92	90	92	90	89	87
4	103	97	93	90	101	96	92	90	94	91	88	92	89	87	90	88	86	84
5	100	94	90	86	98	93	89	86	91	88	85	89	86	84	87	85	83	82
6	97	91	86	83	96	90	86	83	88	85	82	87	84	82	85	83	81	80
7	94	88	84	81	93	87	83	80	86	82	80	85	81	79	83	81	79	78
8	92	85	81	78	91	85	81	78	83	80	77	82	79	77	81	79	77	76
9	90	83	79	76	89	82	78	76	81	78	75	80	77	75	80	77	75	74
10	87	81	77	74	86	80	76	74	79	76	74	79	75	73	78	75	73	72

LAMPS (number of lamps)

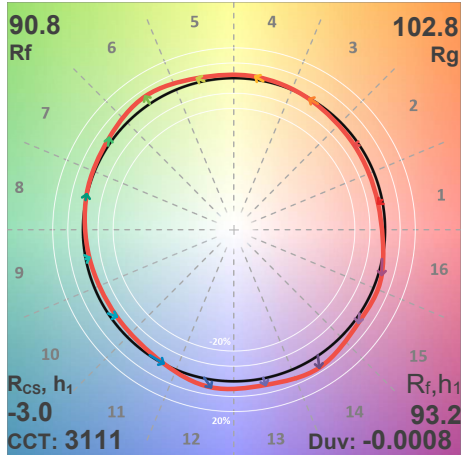
Luminaire Budgetary Diagram



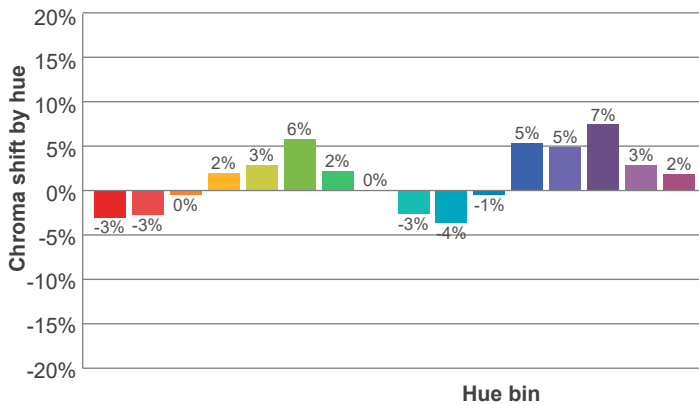
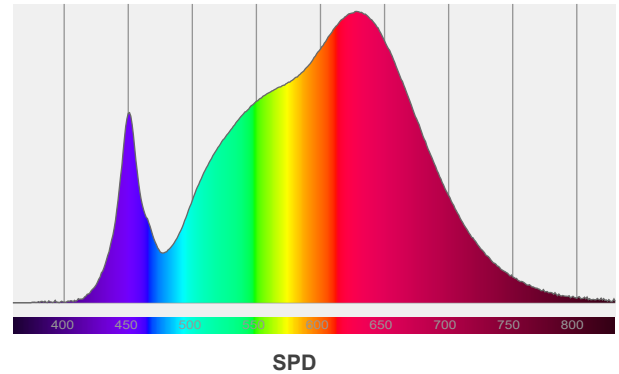
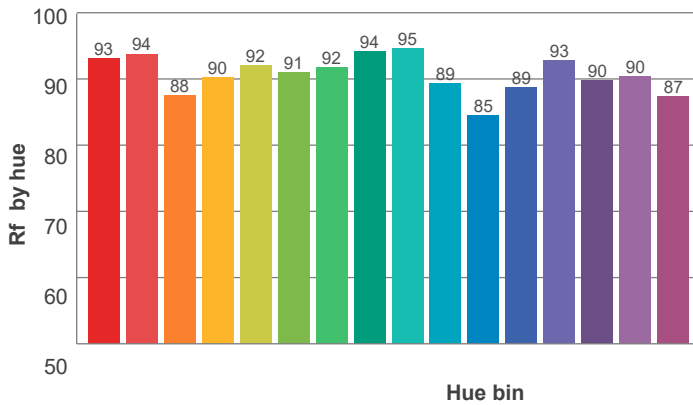
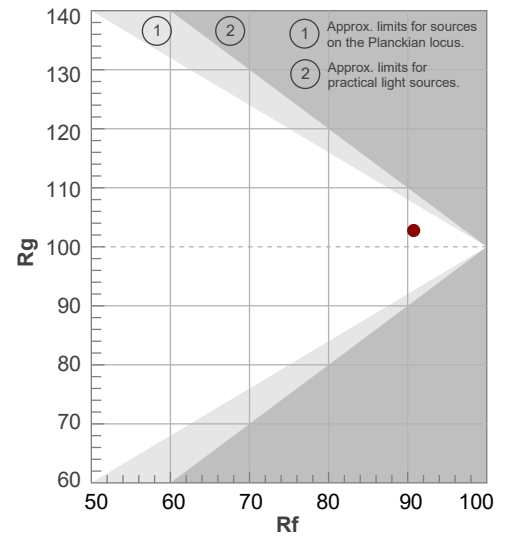
Photometric Testing Report

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	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%	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%



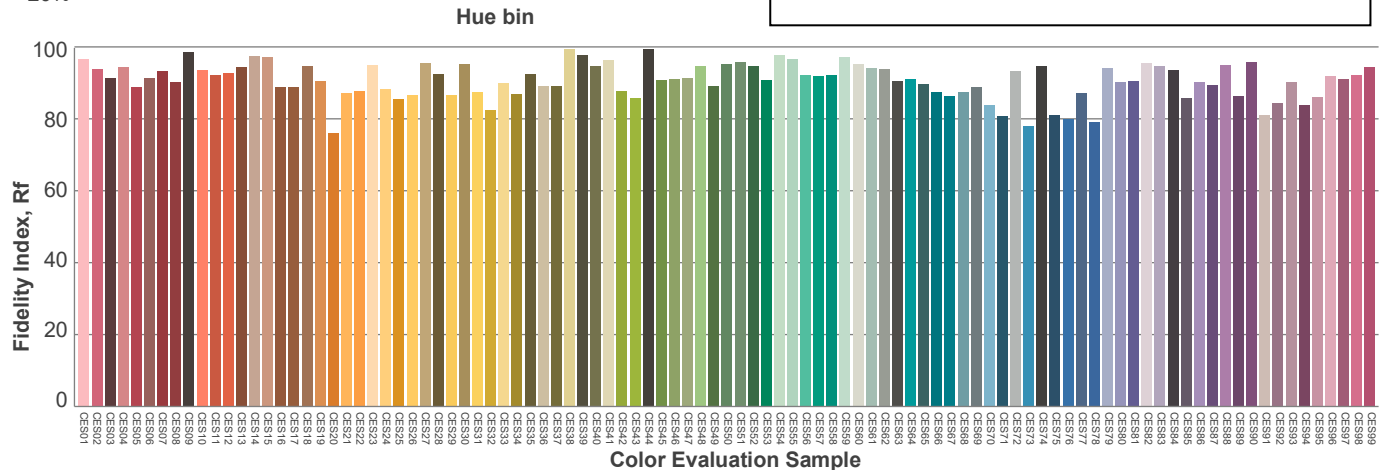
Red: 39.6%, Power=13.3mW

Blue: 7.6%, Power=5.1mW

Green: 24.5%, Power=15.1mW

UVA: 0%, Power=0.0mW

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	11.1	11.5	11.2	11.7	11.9	11.1	11.5	11.2	11.7	11.9
	3H	12.3	12.8	12.7	13.1	13.3	12.3	12.8	12.7	13.1	13.3
	4H	13.0	13.6	13.4	13.8	14.1	13.0	13.6	13.4	13.8	14.1
	6H	14.0	14.4	14.3	14.8	15.1	14.0	14.4	14.3	14.8	15.1
	8H	14.5	14.9	14.8	15.3	15.7	14.5	14.9	14.8	15.3	15.7
	12H	15.1	15.5	15.4	15.9	16.3	15.1	15.5	15.4	15.9	16.3
4H	2H	11.3	11.9	11.7	12.1	12.4	11.3	11.9	11.7	12.1	12.4
	3H	13.0	13.5	13.4	13.9	14.3	13.0	13.5	13.4	13.9	14.3
	4H	13.9	14.3	14.4	14.8	15.3	13.9	14.3	14.4	14.8	15.3
	6H	15.0	15.5	15.5	15.8	16.2	15.0	15.5	15.5	15.8	16.2
	8H	15.6	16.1	16.2	16.5	16.9	15.6	16.1	16.2	16.5	16.9
	12H	16.4	16.7	16.9	17.1	17.6	16.4	16.7	16.9	17.1	17.6
8H	4H	14.3	14.7	14.8	15.1	15.5	14.3	14.7	14.8	15.1	15.5
	6H	15.7	16.0	16.2	16.5	17.0	15.7	16.0	16.2	16.5	17.0
	8H	16.6	16.8	17.1	17.3	18.0	16.6	16.8	17.1	17.3	18.0
	12H	17.5	17.7	18.1	18.2	18.9	17.5	17.7	18.1	18.2	18.9
12H	4H	14.4	14.7	14.9	15.1	15.6	14.4	14.7	14.9	15.1	15.6
	6H	15.9	16.1	16.5	16.7	17.3	15.9	16.1	16.5	16.7	17.3
	8H	16.8	17.0	17.5	17.6	18.2	16.8	17.0	17.5	17.6	18.2
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.6 / -0.2					0.6 / -0.2				
S = 1.5H		1.3 / -0.2					1.3 / -0.2				
S = 2.0H		2.1 / -0.3					2.1 / -0.3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1177 lm total luminous flux											