

Light efficiency:

80 Lumen/Watt

Color temperature:

3107 K

Light quality:

CRI:92.8, R_g:90.7, R_f:102.8

P: 2 / V: - / F: 2

Output: 1168 lm

Peak: 6014 cd

Power: 14.7 W

Voltage: 120 V

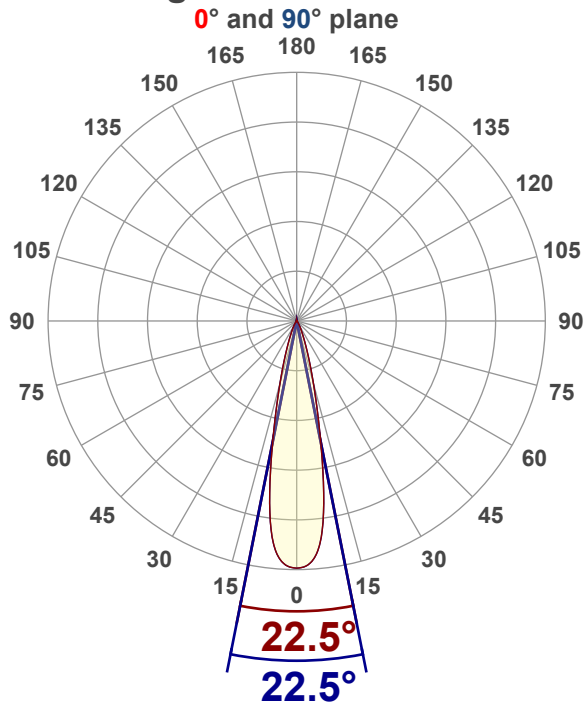
Current: 0.123 A

PF: 0.99

THD: 13.56 %



Angular Distribution



Product name:

DRW-E30VG0PF-XX1-XXX

Test Date:

4/14/2025

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

22.5°

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

41°

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

59.4°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	4046 lx	376 fc	1.6 ft / 0.5 m
8 ft / 2.4 m	1011 lx	94 fc	3.2 ft / 1 m
12 ft / 3.7 m	450 lx	42 fc	4.8 ft / 1.5 m
16 ft / 4.9 m	253 lx	23 fc	6.4 ft / 1.9 m
20 ft / 6.1 m	162 lx	15 fc	7.9 ft / 2.4 m

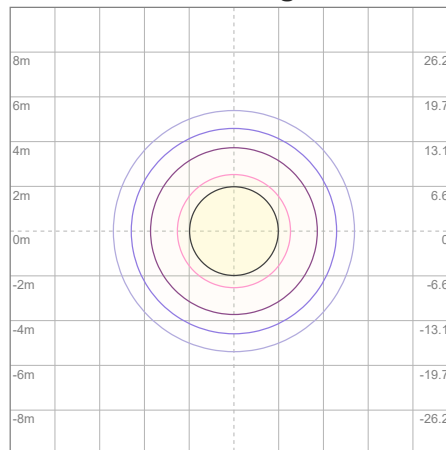
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1077	92.21%
0-40	1122	96.06%
0-60	1139	97.52%
60-90	15.3	1.31%
70-100	11.7	1.00%
90-120	7.51	0.64%
0-90	1154	98.80%
90-180	14.2	1.22%
0-180	1168	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

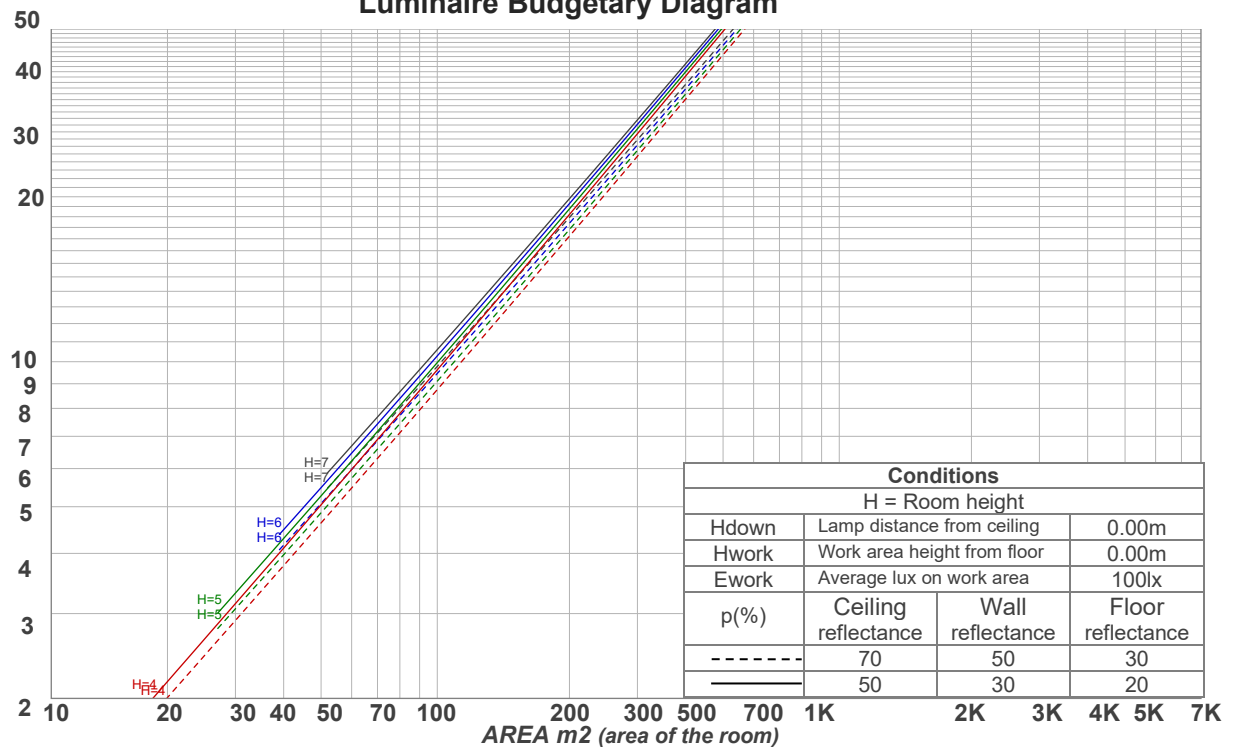
Lux at center:	647 lx
3%	19.41 lx
5%	32.35 lx
10%	64.70 lx
30%	194.10 lx
50%	323.50 lx
Conditions: Number of planes: 8 Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.	

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	110	110	110	105	105	105	101	101	101	99
1	115	112	110	109	112	110	108	107	106	105	103	102	101	100	98	98	97	95
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	93	92
3	107	102	99	96	105	101	98	95	98	96	93	96	94	92	94	92	90	89
4	104	99	95	92	102	97	94	91	95	92	90	93	91	89	91	89	88	86
5	101	95	91	88	100	94	90	88	92	89	87	91	88	86	89	87	85	84
6	98	92	88	85	97	91	87	85	90	86	84	88	86	83	87	85	83	82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	83	81	79	78
9	91	84	80	78	90	84	80	77	83	80	77	82	79	77	81	79	77	76
10	89	82	78	76	88	82	78	76	81	78	75	80	77	75	80	77	75	74

LAMPS (number of lamps)

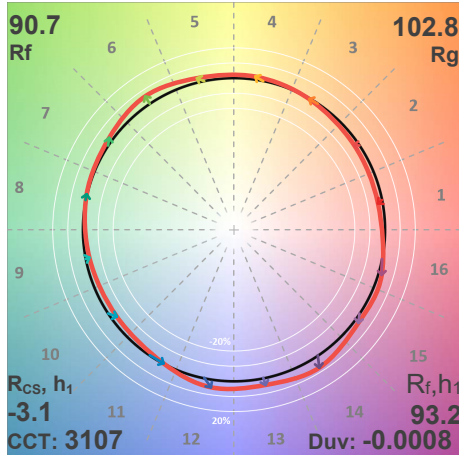
Luminaire Budgetary Diagram



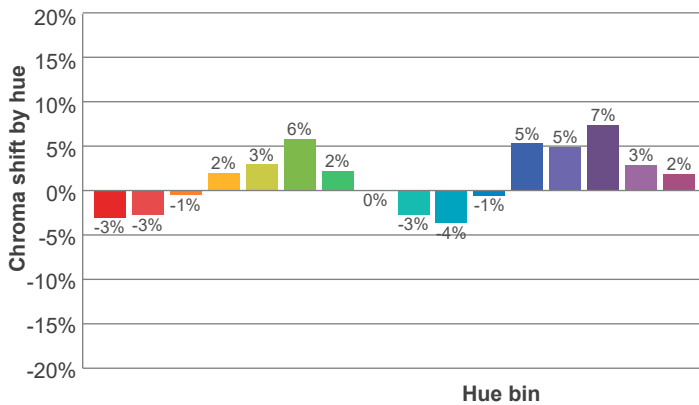
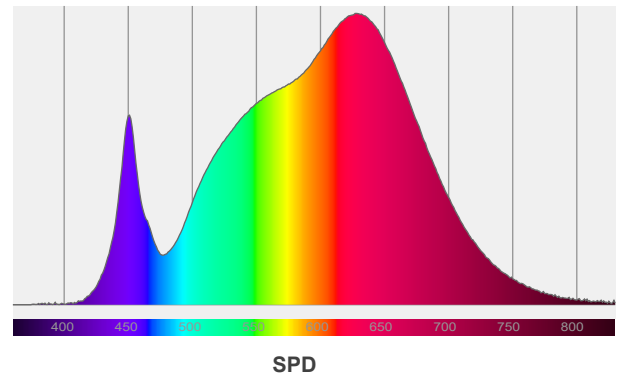
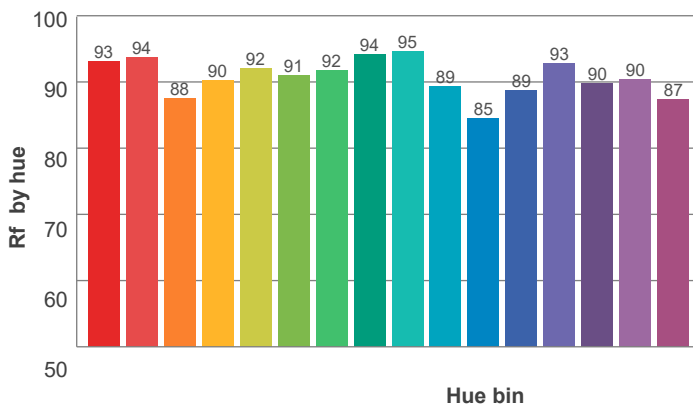
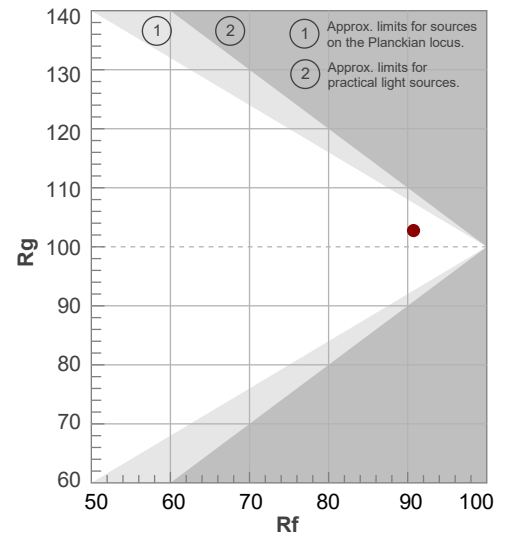
Photometric Testing Report

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%



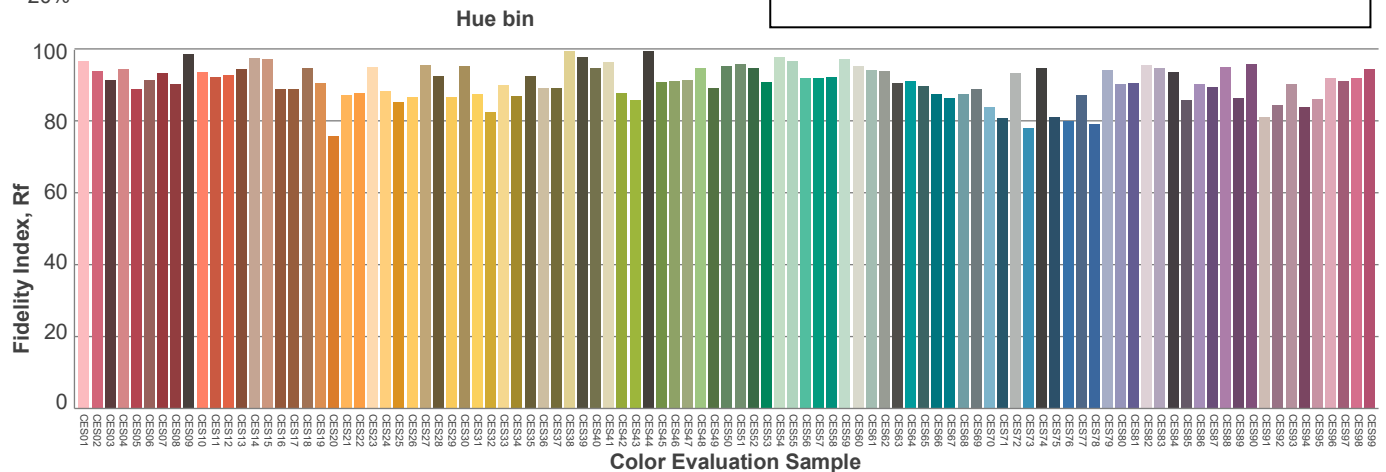
Red: 39.6%, Power=13.2mW

Blue: 7.6%, Power=5.0mW

Green: 24.4%, Power=14.9mW

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	9.8	10.2	9.8	10.4	10.6	9.8	10.2	9.8	10.4	10.6
	3H	10.7	11.2	11.0	11.4	11.6	10.7	11.2	11.0	11.4	11.6
	4H	11.4	12.0	11.8	12.2	12.5	11.4	12.0	11.8	12.2	12.5
	6H	12.5	12.9	12.8	13.2	13.6	12.5	12.9	12.8	13.2	13.6
	8H	13.0	13.5	13.4	13.8	14.2	13.0	13.5	13.4	13.8	14.2
	12H	13.7	14.1	14.1	14.5	14.9	13.7	14.1	14.1	14.5	14.9
4H	2H	9.8	10.3	10.2	10.6	10.8	9.8	10.3	10.2	10.6	10.8
	3H	11.3	11.7	11.7	12.1	12.5	11.3	11.7	11.7	12.1	12.5
	4H	12.2	12.6	12.7	13.1	13.6	12.2	12.6	12.7	13.1	13.6
	6H	13.5	14.0	14.0	14.3	14.7	13.5	14.0	14.0	14.3	14.7
	8H	14.2	14.6	14.7	15.0	15.4	14.2	14.6	14.7	15.0	15.4
	12H	15.0	15.3	15.5	15.7	16.2	15.0	15.3	15.5	15.7	16.2
8H	4H	12.7	13.1	13.2	13.4	13.8	12.7	13.1	13.2	13.4	13.8
	6H	14.2	14.5	14.8	15.0	15.5	14.2	14.5	14.8	15.0	15.5
	8H	15.2	15.4	15.7	15.9	16.6	15.2	15.4	15.7	15.9	16.6
	12H	16.2	16.4	16.8	16.9	17.5	16.2	16.4	16.8	16.9	17.5
12H	4H	12.7	13.1	13.3	13.5	14.0	12.7	13.1	13.3	13.5	14.0
	6H	14.5	14.7	15.0	15.2	15.9	14.5	14.7	15.0	15.2	15.9
	8H	15.5	15.7	16.1	16.2	16.8	15.5	15.7	16.1	16.2	16.8
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.8 / -0.3					0.8 / -0.3				
S = 1.5H		1.8 / -0.3					1.8 / -0.3				
S = 2.0H		2.8 / -0.4					2.8 / -0.4				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1168 lm total luminous flux											