

Light efficiency:

85 Lumen/Watt

Color temperature:

3091 K

Light quality:

CRI:92.8, R_g:90.8, R_f:102.8

P: 2 / V: - / F: 2

Output: 1256 lm

Peak: 3945 cd

Power: 14.7 W

Voltage: 120 V

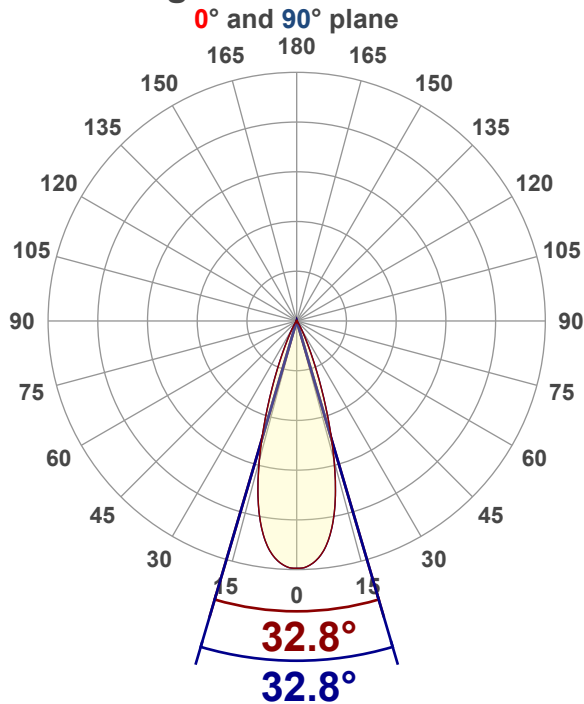
Current: 0.124 A

PF: 0.99

THD: 13.41 %



Angular Distribution



Product name:

DRW-E30NG2WF-XX1-XXX

Test Date:

4/11/2025

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

32.8°

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

50.9°

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

63.9°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	2654 lx	247 fc	2.4 ft / 0.7 m
8 ft / 2.4 m	663 lx	62 fc	4.7 ft / 1.4 m
12 ft / 3.7 m	295 lx	27 fc	7.1 ft / 2.2 m
16 ft / 4.9 m	166 lx	15 fc	9.4 ft / 2.9 m
20 ft / 6.1 m	106 lx	10 fc	11.8 ft / 3.6 m

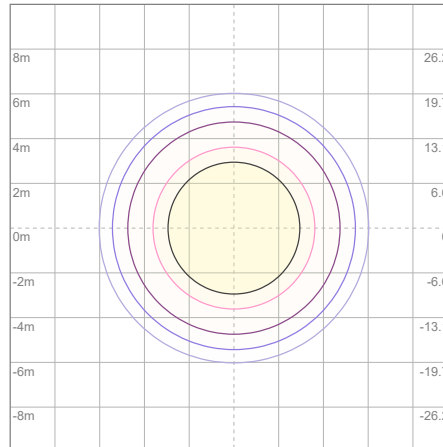
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1181	94.03%
0-40	1220	97.13%
0-60	1235	98.33%
60-90	10.5	0.84%
70-100	6.97	0.55%
90-120	5.16	0.41%
0-90	1245	99.12%
90-180	11.0	0.88%
0-180	1256	100.00%

ISO Lux Diagram



Lux at center:	424 lx
3%	12.72 lx
5%	21.20 lx
10%	42.40 lx
30%	127.20 lx
50%	212.00 lx

Conditions:

Number of planes: 8

Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

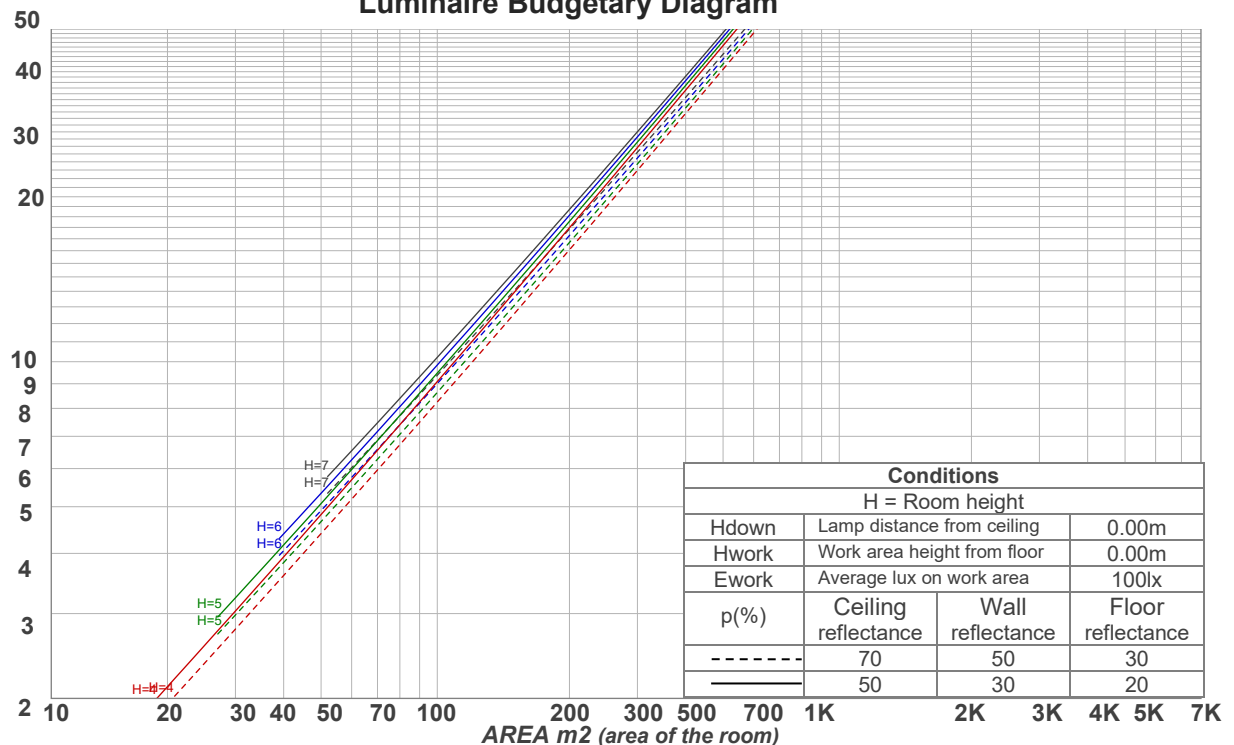
Mounting height: 3.05 meters (10 feet)

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	112	110	108	112	110	108	107	106	104	103	102	101	100	98	98	97	95
2	110	107	103	101	108	105	102	99	102	99	97	99	97	95	96	94	93	91
3	107	102	98	95	105	100	97	94	98	95	92	95	93	91	93	91	89	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	79
7	93	87	82	79	92	86	82	79	85	81	78	84	80	78	83	80	78	76
8	91	84	79	76	90	83	79	76	82	78	76	81	78	75	80	77	75	74
9	88	81	77	74	87	80	76	74	80	76	73	79	75	73	78	75	73	72
10	85	78	74	71	85	78	74	71	77	74	71	77	73	71	76	73	71	70

LAMPS (number of lamps)

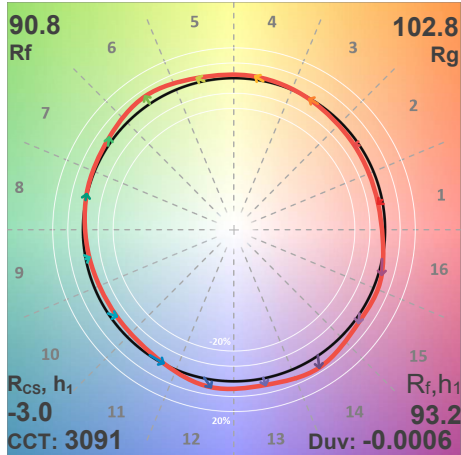
Luminaire Budgetary Diagram



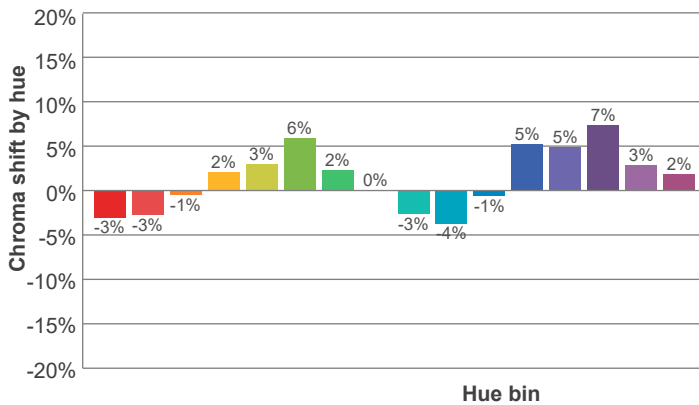
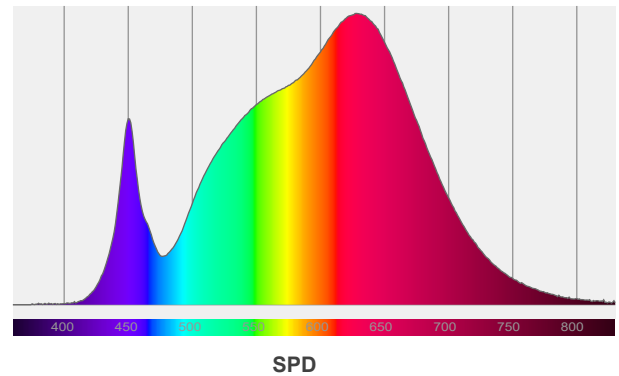
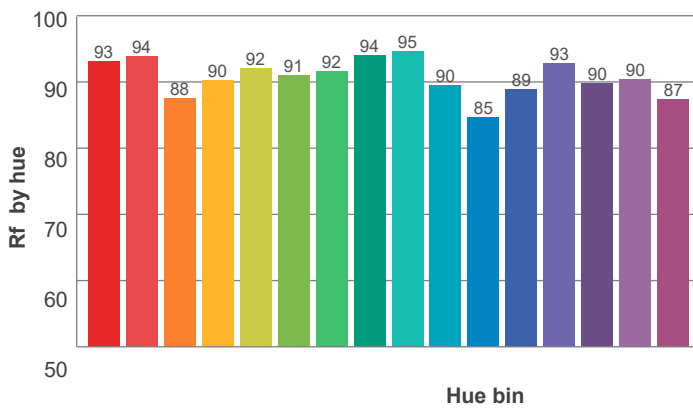
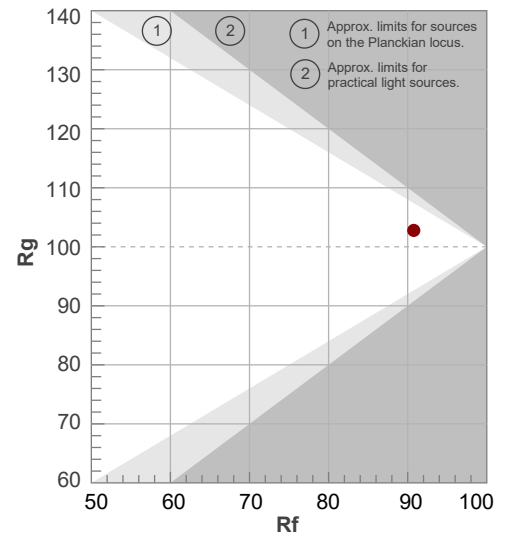
Photometric Testing Report

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%	-1%
10	90	-4%	5%
11	85	-1%	10%
12	89	5%	5%
13	93	5%	1%
14	90	7%	-4%
15	90	3%	-6%
16	87	2%	-10%



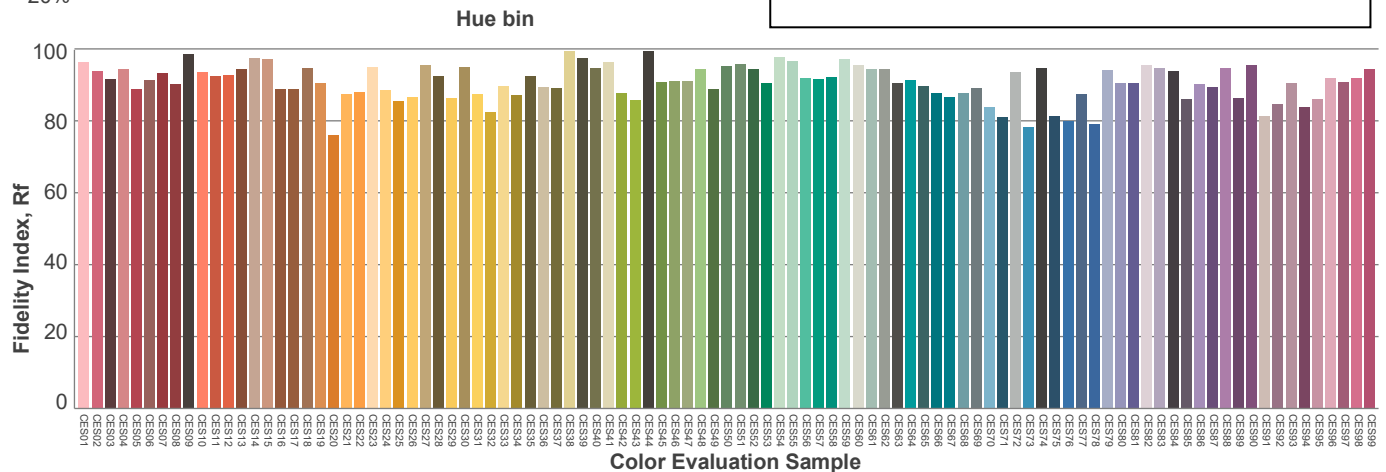
Red: 39.8%, Power=14.2mW

Blue: 7.4%, Power=5.3mW

Green: 24.4%, Power=16.0mW

UVA: 0%, Power=0.1mW

Dominant Wavelength: 584nm

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	8.5	8.9	8.5	9.1	9.3	8.5	8.9	8.5	9.1	9.3
	3H	9.1	9.7	9.5	9.9	10.1	9.1	9.7	9.5	9.9	10.1
	4H	9.7	10.2	10.1	10.5	10.7	9.7	10.2	10.1	10.5	10.7
	6H	10.3	10.8	10.6	11.1	11.4	10.3	10.8	10.6	11.1	11.4
	8H	10.6	11.0	10.9	11.3	11.7	10.6	11.0	10.9	11.3	11.7
	12H	10.8	11.3	11.2	11.6	12.1	10.8	11.3	11.2	11.6	12.1
4H	2H	8.5	9.0	8.9	9.3	9.5	8.5	9.0	8.9	9.3	9.5
	3H	9.7	10.1	10.0	10.5	10.9	9.7	10.1	10.0	10.5	10.9
	4H	10.3	10.7	10.7	11.1	11.7	10.3	10.7	10.7	11.1	11.7
	6H	11.1	11.5	11.6	11.9	12.2	11.1	11.5	11.6	11.9	12.2
	8H	11.4	11.9	12.0	12.2	12.6	11.4	11.9	12.0	12.2	12.6
	12H	11.8	12.1	12.3	12.5	13.0	11.8	12.1	12.3	12.5	13.0
8H	4H	10.6	11.0	11.1	11.4	11.7	10.6	11.0	11.1	11.4	11.7
	6H	11.6	11.9	12.1	12.3	12.9	11.6	11.9	12.1	12.3	12.9
	8H	12.1	12.3	12.7	12.9	13.5	12.1	12.3	12.7	12.9	13.5
	12H	12.6	12.8	13.2	13.3	13.9	12.6	12.8	13.2	13.3	13.9
12H	4H	10.6	10.9	11.1	11.3	11.8	10.6	10.9	11.1	11.3	11.8
	6H	11.7	11.9	12.3	12.5	13.1	11.7	11.9	12.3	12.5	13.1
	8H	12.3	12.5	12.9	13.0	13.6	12.3	12.5	12.9	13.0	13.6
Variation of the observer position for the luminaire distance S											
S = 1.0H		1.7 / -0.6					1.7 / -0.6				
S = 1.5H		3.3 / -0.7					3.3 / -0.7				
S = 2.0H		4.7 / -0.7					4.7 / -0.7				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1256 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.