

Light efficiency:

91 Lumen/Watt

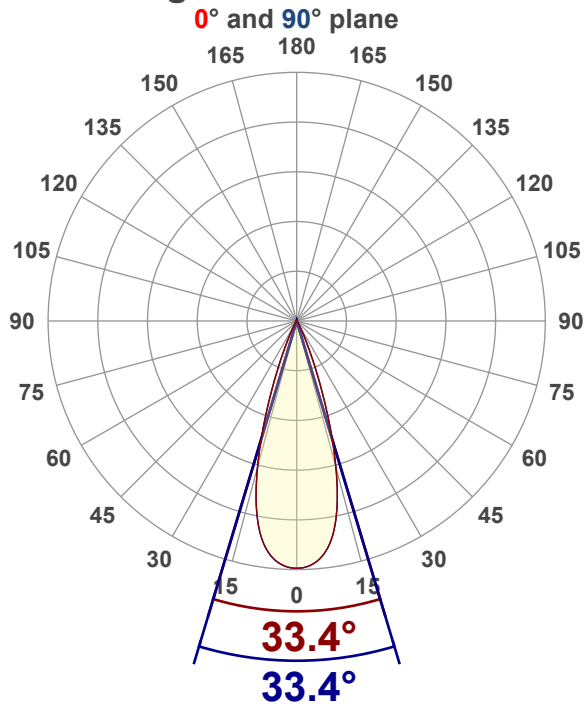
Color temperature:

3116 K

Light quality:

CRI:92.7, R_g:90.7, R_f:102.7**P: 2 / V: - / F: 2****Output: 1341 lm****Peak: 4322 cd****Power: 14.7 W****Voltage: 119 V****Current: 0.125 A****PF: 0.99****THD: 13.38 %**

Angular Distribution



Product name:

DRW-E30NG0WF-XX1-XXX

Test Date:

4/15/2025

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

33.4°

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

48.9°

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

60.1°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	2908 lx	270 fc	2.4 ft / 0.7 m
8 ft / 2.4 m	727 lx	68 fc	4.8 ft / 1.5 m
12 ft / 3.7 m	323 lx	30 fc	7.2 ft / 2.2 m
16 ft / 4.9 m	182 lx	17 fc	9.6 ft / 2.9 m
20 ft / 6.1 m	116 lx	11 fc	12 ft / 3.7 m

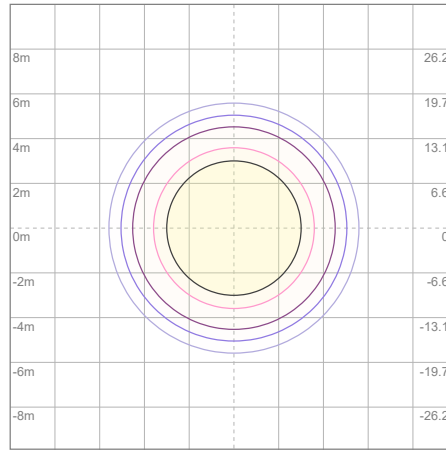
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1285	95.82%
0-40	1315	98.06%
0-60	1324	98.73%
60-90	8.01	0.60%
70-100	5.49	0.41%
90-120	3.58	0.27%
0-90	1332	99.33%
90-180	8.89	0.66%
0-180	1341	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	465 lx
3%	13.95 lx
5%	23.25 lx
10%	46.50 lx
30%	139.50 lx
50%	232.50 lx

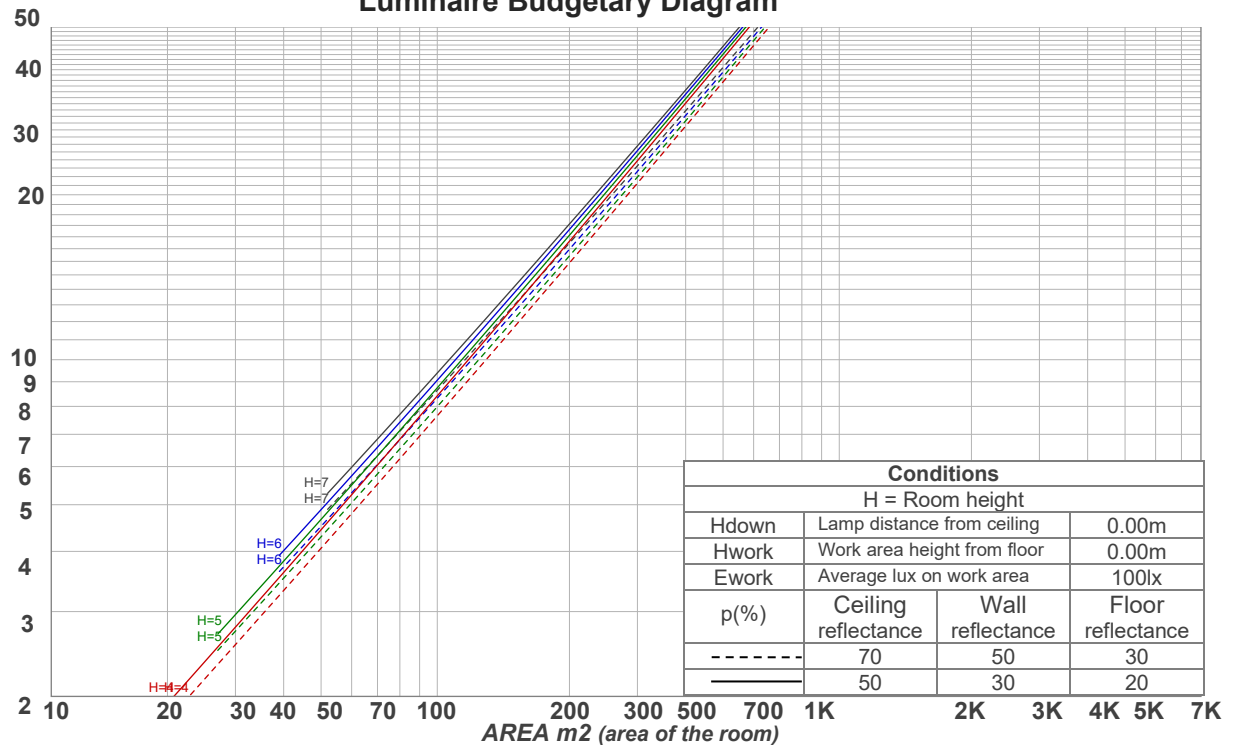
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	111	111	111	106	106	106	101	101	101	99
1	115	112	110	109	112	110	109	107	106	105	104	102	101	100	99	98	97	96
2	111	107	104	101	109	105	103	100	102	100	98	99	97	96	96	95	94	92
3	107	102	99	96	105	101	98	95	98	96	93	96	94	92	94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86
5	100	94	90	87	99	94	90	87	92	88	86	90	87	85	89	86	84	83
6	97	91	87	84	96	90	86	83	89	85	83	88	85	82	86	84	82	81
7	95	88	84	81	93	87	83	80	86	83	80	85	82	80	84	81	79	78
8	92	85	81	78	91	85	81	78	84	80	77	83	79	77	82	79	77	76
9	89	82	78	75	88	82	78	75	81	78	75	80	77	75	80	77	75	74
10	87	80	76	73	86	80	76	73	79	75	73	78	75	73	78	75	72	71

LAMPS (number of lamps)

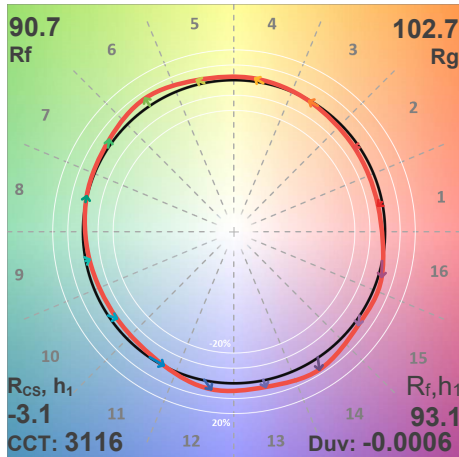
Luminaire Budgetary Diagram



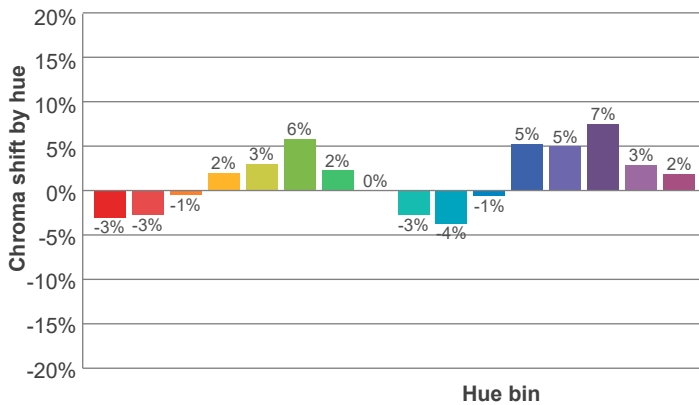
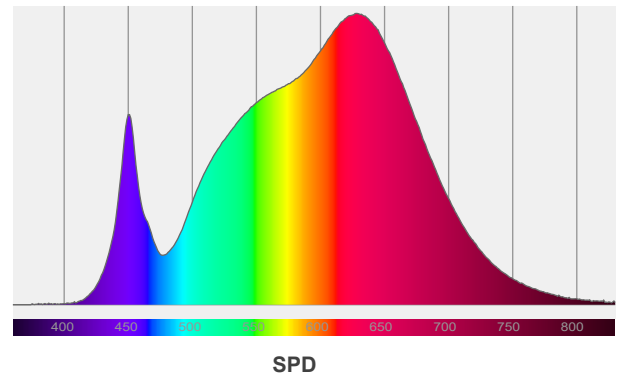
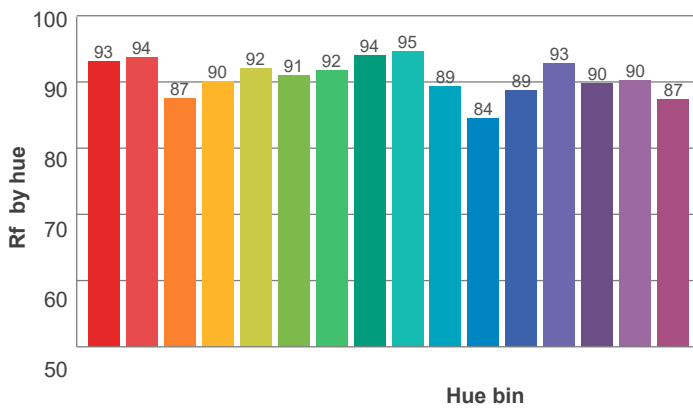
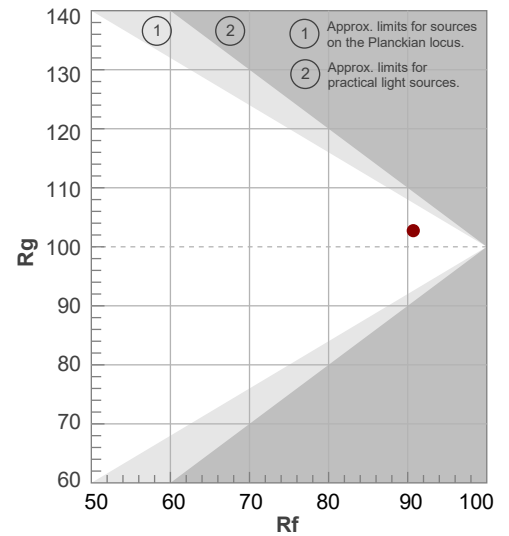
Photometric Testing Report

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	87	-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	84	-1%	11%
12	89	5%	6%
13	93	5%	1%
14	90	7%	-4%
15	90	3%	-6%
16	87	2%	-10%



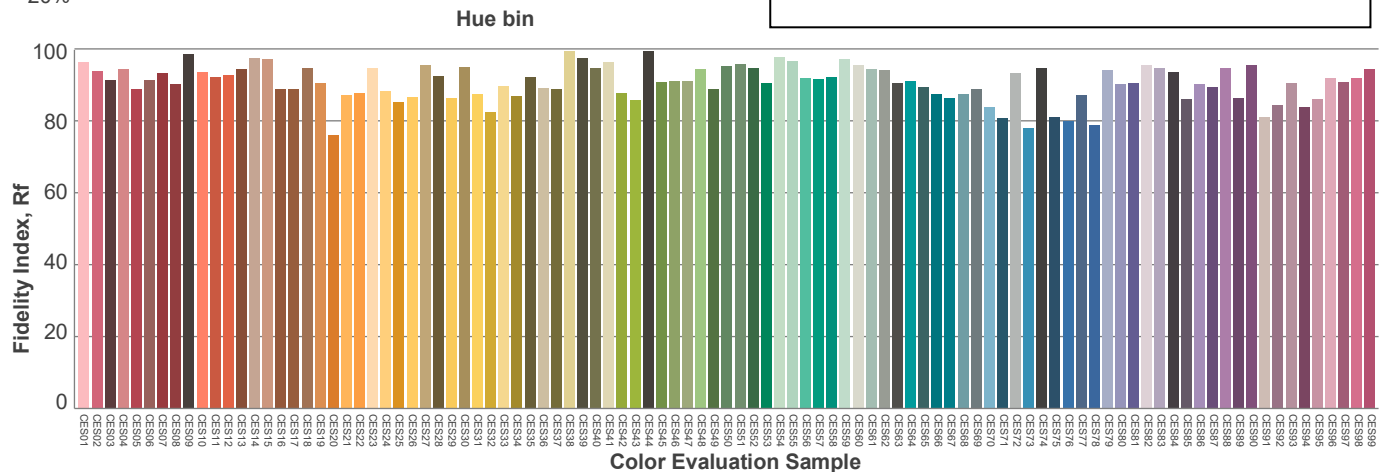
Red: 39.5%, Power=15.0mW

Blue: 7.6%, Power=5.7mW

Green: 24.5%, Power=17.2mW

UVA: 0%, Power=0.1mW

Dominant Wavelength: 583nm

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	5.9	6.3	6.0	6.5	6.7	5.9	6.3	6.0	6.5	6.7
	3H	6.9	7.5	7.3	7.7	7.9	6.9	7.5	7.3	7.7	7.9
	4H	7.5	8.1	7.9	8.3	8.5	7.5	8.1	7.9	8.3	8.5
	6H	8.0	8.5	8.3	8.8	9.1	8.0	8.5	8.3	8.8	9.1
	8H	8.3	8.7	8.6	9.0	9.4	8.3	8.7	8.6	9.0	9.4
	12H	8.6	9.0	9.0	9.4	9.8	8.6	9.0	9.0	9.4	9.8
4H	2H	6.0	6.5	6.3	6.7	7.0	6.0	6.5	6.3	6.7	7.0
	3H	7.5	8.0	7.9	8.3	8.7	7.5	8.0	7.9	8.3	8.7
	4H	8.2	8.6	8.6	9.1	9.6	8.2	8.6	8.6	9.1	9.6
	6H	8.8	9.3	9.3	9.6	9.9	8.8	9.3	9.3	9.6	9.9
	8H	9.1	9.6	9.7	9.9	10.3	9.1	9.6	9.7	9.9	10.3
	12H	9.6	9.9	10.1	10.4	10.8	9.6	9.9	10.1	10.4	10.8
8H	4H	8.5	8.9	9.0	9.2	9.6	8.5	8.9	9.0	9.2	9.6
	6H	9.3	9.5	9.8	10.0	10.5	9.3	9.5	9.8	10.0	10.5
	8H	9.8	10.0	10.3	10.5	11.2	9.8	10.0	10.3	10.5	11.2
	12H	10.5	10.7	11.1	11.2	11.8	10.5	10.7	11.1	11.2	11.8
12H	4H	8.5	8.8	9.0	9.2	9.7	8.5	8.8	9.0	9.2	9.7
	6H	9.4	9.6	9.9	10.1	10.7	9.4	9.6	9.9	10.1	10.7
	8H	10.0	10.1	10.6	10.6	11.3	10.0	10.1	10.6	10.6	11.3
Variation of the observer position for the luminaire distance S											
S = 1.0H		1.6 / -0.5					1.6 / -0.5				
S = 1.5H		3.3 / -0.6					3.3 / -0.6				
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 1341 lm total luminous flux											