

Light efficiency:

87 Lumen/Watt

Color temperature:

3113 K

Light quality:

CRI:92.8, R_g:90.7, R_f:102.9

P: 2 / V: - / F: 2

Output: 1274 lm

Peak: 1684 cd

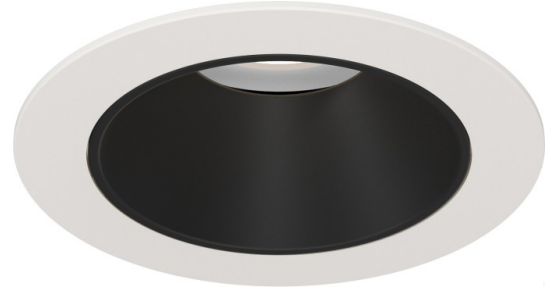
Power: 14.7 W

Voltage: 120 V

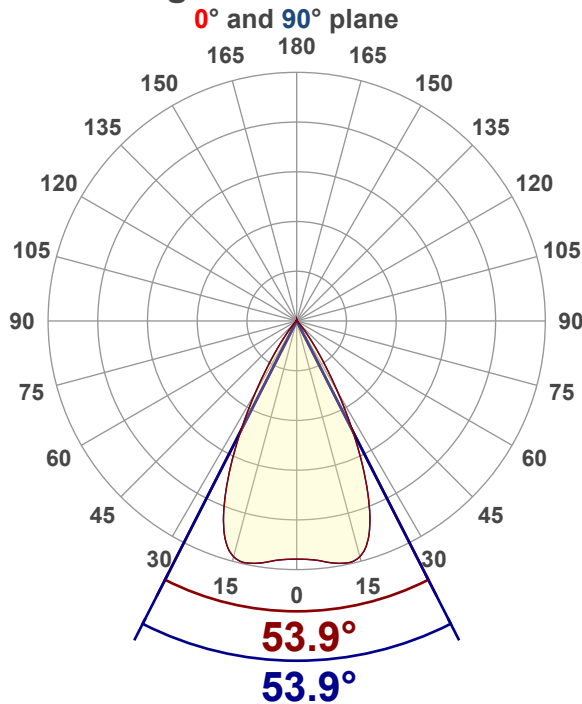
Current: 0.123 A

PF: 0.99

THD: 13.52 %



Angular Distribution



Product name:

DRW-E30WG0BF-XX1-XXX

Test Date:

4/15/2025

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

53.9°

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

73°

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

84.3°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1092 lx	101 fc	4.1 ft / 1.2 m
8 ft / 2.4 m	273 lx	25 fc	8.1 ft / 2.5 m
12 ft / 3.7 m	121 lx	11 fc	12.2 ft / 3.7 m
16 ft / 4.9 m	68 lx	6 fc	16.3 ft / 5 m
20 ft / 6.1 m	44 lx	4 fc	20.3 ft / 6.2 m

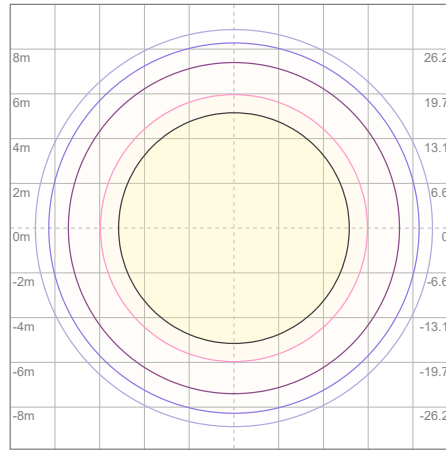
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1077	84.54%
0-40	1234	96.86%
0-60	1258	98.74%
60-90	10.3	0.81%
70-100	5.98	0.47%
90-120	2.27	0.18%
0-90	1268	99.53%
90-180	6.36	0.50%
0-180	1274	100.00%

ISO Lux Diagram



Lux at center:	175 lx
3%	5.25 lx
5%	8.75 lx
10%	17.50 lx
30%	52.50 lx
50%	87.50 lx

Conditions:
Number of planes: 2
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

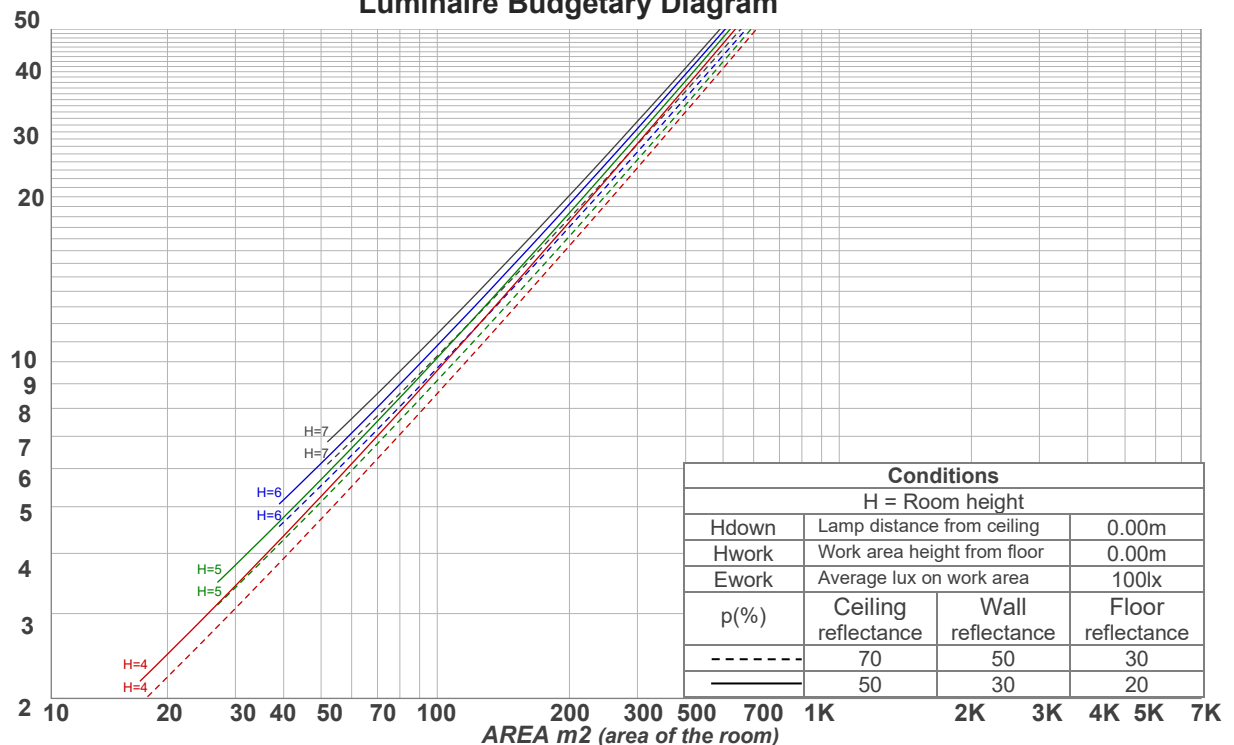
Mounting height: 3.05 meters (10 feet)

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	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	100	97	107	102	99	96	99	96	94	96	94	92	93	92	90	88
3	104	98	93	90	102	97	92	89	94	90	88	91	89	86	89	87	85	83
4	99	92	87	83	97	91	87	83	89	85	82	87	84	81	85	82	80	78
5	95	87	82	78	93	86	81	78	84	80	77	83	79	76	81	78	75	74
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	71	70
7	87	78	73	69	85	78	72	69	76	72	68	75	71	68	74	70	68	66
8	83	74	69	65	82	74	69	65	73	68	65	72	67	64	71	67	64	63
9	80	71	65	62	78	70	65	62	69	65	61	68	64	61	68	64	61	60
10	76	67	62	59	75	67	62	58	66	61	58	65	61	58	65	61	58	57

LAMPS (number of lamps)

Luminaire Budgetary Diagram

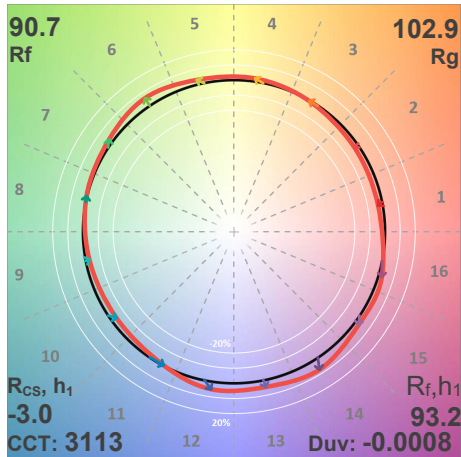


Conditions			
H = Room height			
Hdown	Lamp distance from ceiling	0.00m	
Hwork	Work area height from floor	0.00m	
Ework	Average lux on work area	100lx	
p(%)	Ceiling reflectance	Wall reflectance	Floor reflectance
-----	70	50	30
-----	50	30	20

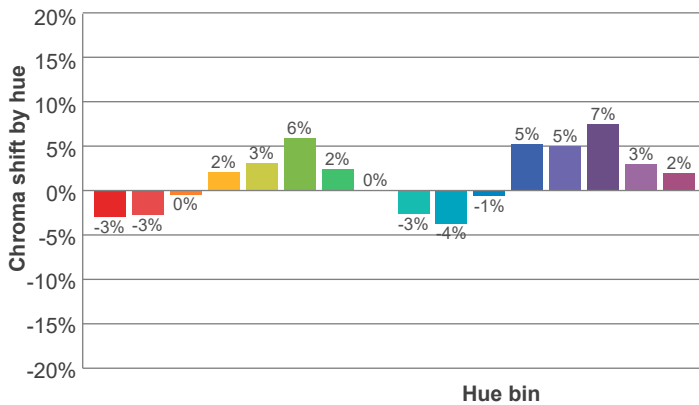
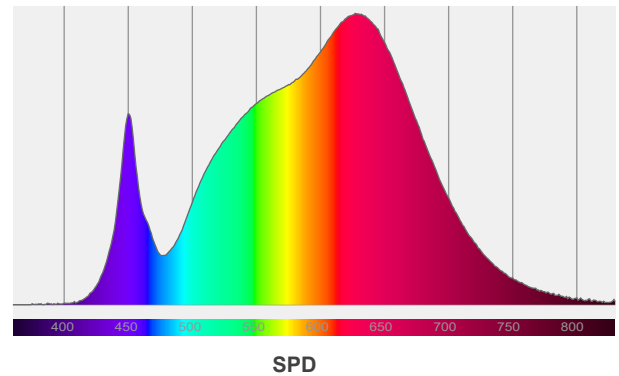
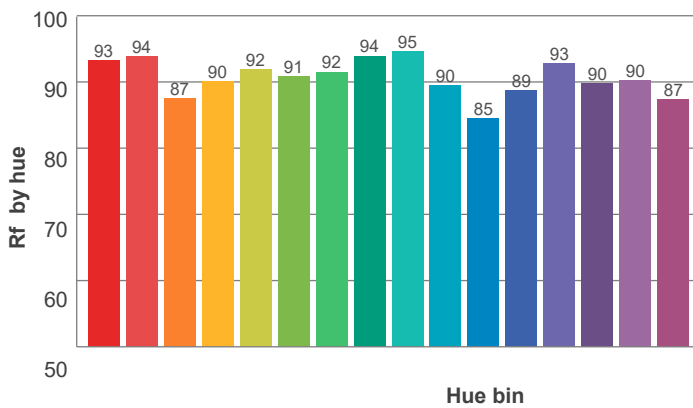
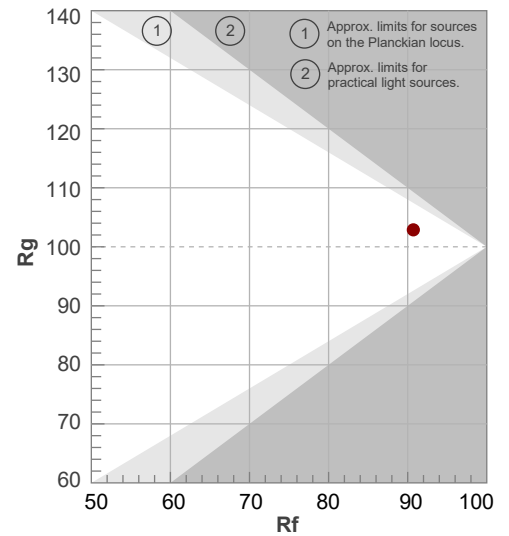
Photometric Testing Report

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	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	90	-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%



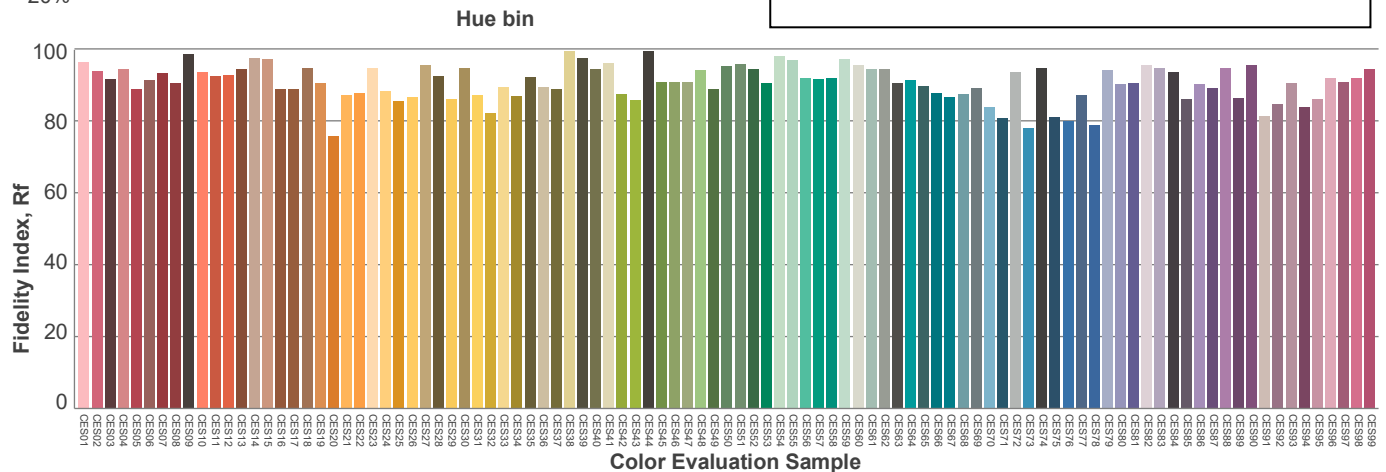
Red: 39.5%, Power=14.3mW

Blue: 7.5%, Power=5.4mW

Green: 24.5%, Power=16.3mW

UVA: 0%, Power=0.1mW

Dominant Wavelength: 584nm

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	16.9	17.5	17.0	17.7	17.9	16.9	17.5	17.0	17.7	17.9
	3H	16.7	17.4	17.1	17.6	17.8	16.7	17.4	17.1	17.6	17.8
	4H	16.7	17.4	17.1	17.6	17.9	16.7	17.4	17.1	17.6	17.9
	6H	16.8	17.3	17.1	17.7	18.0	16.8	17.3	17.1	17.7	18.0
	8H	16.8	17.3	17.1	17.6	18.0	16.8	17.3	17.1	17.6	18.0
	12H	16.8	17.3	17.1	17.6	18.1	16.8	17.3	17.1	17.6	18.1
4H	2H	16.6	17.2	17.0	17.5	17.7	16.6	17.2	17.0	17.5	17.7
	3H	16.6	17.2	17.0	17.5	17.9	16.6	17.2	17.0	17.5	17.9
	4H	16.6	17.1	17.0	17.5	18.0	16.6	17.1	17.0	17.5	18.0
	6H	16.6	17.2	17.1	17.5	17.9	16.6	17.2	17.1	17.5	17.9
	8H	16.6	17.1	17.2	17.5	17.8	16.6	17.1	17.2	17.5	17.8
	12H	16.7	17.0	17.2	17.4	17.9	16.7	17.0	17.2	17.4	17.9
8H	4H	16.5	17.0	17.0	17.4	17.7	16.5	17.0	17.0	17.4	17.7
	6H	16.6	16.9	17.1	17.4	17.9	16.6	16.9	17.1	17.4	17.9
	8H	16.7	17.0	17.2	17.5	18.1	16.7	17.0	17.2	17.5	18.1
	12H	16.8	17.0	17.4	17.5	18.1	16.8	17.0	17.4	17.5	18.1
12H	4H	16.5	16.8	17.0	17.3	17.7	16.5	16.8	17.0	17.3	17.7
	6H	16.6	16.9	17.2	17.4	18.0	16.6	16.9	17.2	17.4	18.0
	8H	16.7	16.9	17.3	17.4	18.0	16.7	16.9	17.3	17.4	18.0
Variation of the observer position for the luminaire distance S											
S = 1.0H		5.4 / -4.9					5.4 / -4.9				
S = 1.5H		8.1 / -5.1					8.1 / -5.1				
S = 2.0H		10.1 / -5.3					10.1 / -5.3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1274 lm total luminous flux											