

Light efficiency:

83 Lumen/Watt

Color temperature:

3092 K

Light quality:

CRI:92.8, R_g:90.8, R_f:102.7

P: 2 / V: - / F: 2

Output: 1220 lm

Peak: 1546 cd

Power: 14.7 W

Voltage: 121 V

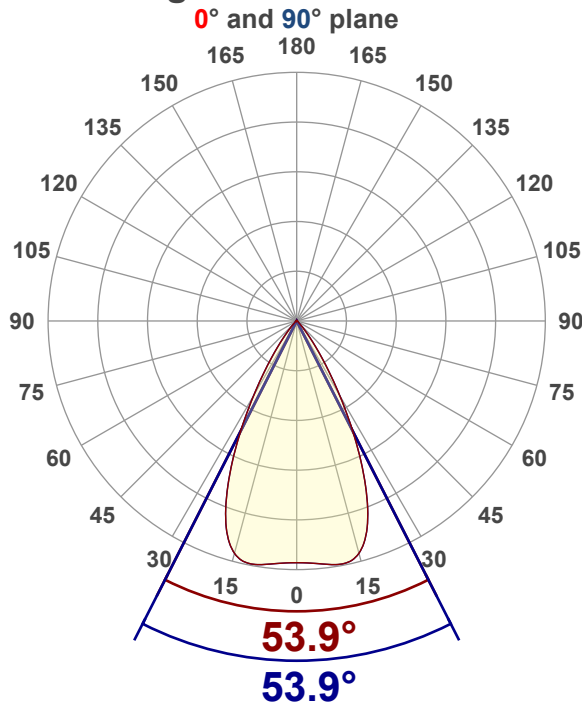
Current: 0.123 A

PF: 0.99

THD: 13.5 %



Angular Distribution



Product name:

DRW-E30WG2WF-XX1-XXX

Test Date:

4/10/2025

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

53.9°

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

75.3°

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

89.6°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1018 lx	95 fc	4.1 ft / 1.2 m
8 ft / 2.4 m	255 lx	24 fc	8.1 ft / 2.5 m
12 ft / 3.7 m	113 lx	11 fc	12.2 ft / 3.7 m
16 ft / 4.9 m	64 lx	6 fc	16.3 ft / 5 m
20 ft / 6.1 m	41 lx	4 fc	20.4 ft / 6.2 m

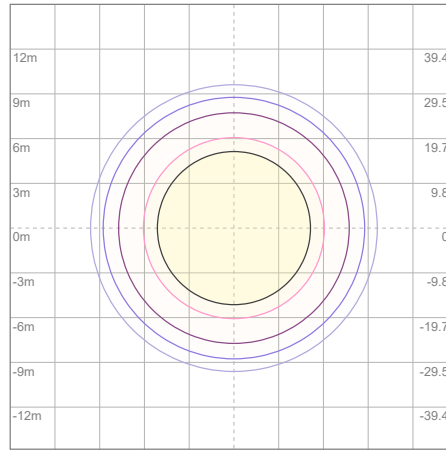
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	979	80.25%
0-40	1145	93.85%
0-60	1189	97.46%
60-90	20.3	1.66%
70-100	12.2	1.00%
90-120	5.82	0.48%
0-90	1209	99.10%
90-180	11.5	0.94%
0-180	1220	100.00%

ISO Lux Diagram



Lux at center:	163 lx
3%	4.89 lx
5%	8.15 lx
10%	16.30 lx
30%	48.90 lx
50%	81.50 lx

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

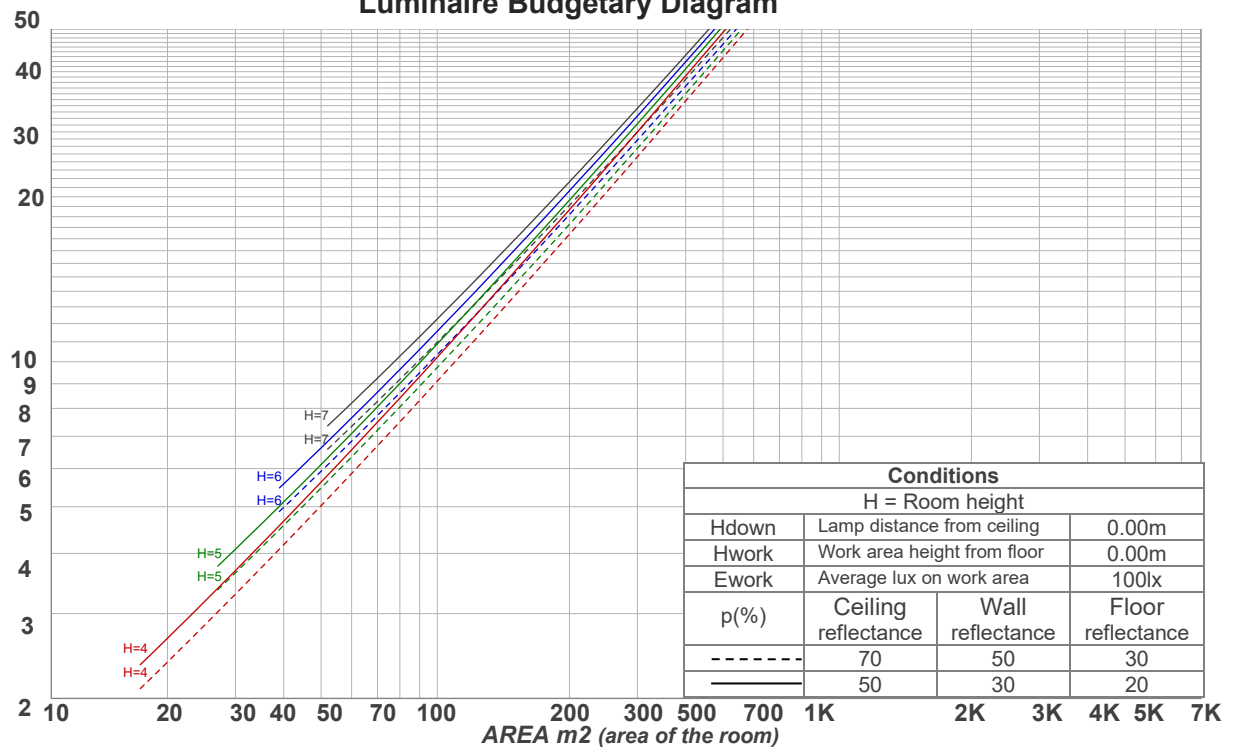
Mounting height: 3.05 meters (10 feet)

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	113	111	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	92	90	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	85	83	82
4	98	91	86	82	96	90	85	81	88	83	80	86	82	79	84	81	78	77
5	94	86	80	76	92	85	80	76	83	78	75	81	77	74	80	76	74	72
6	89	81	75	71	88	80	75	71	79	74	70	77	73	70	76	72	69	68
7	85	77	71	67	84	76	71	67	75	70	66	73	69	66	72	68	66	64
8	82	73	67	63	80	72	67	63	71	66	63	70	66	62	69	65	62	61
9	78	69	63	60	77	68	63	60	67	63	59	67	62	59	66	62	59	58
10	75	66	60	57	74	65	60	56	64	60	56	64	59	56	63	59	56	55

LAMPS (number of lamps)

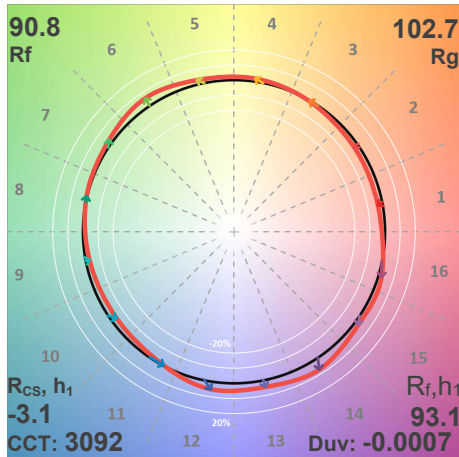
Luminaire Budgetary Diagram



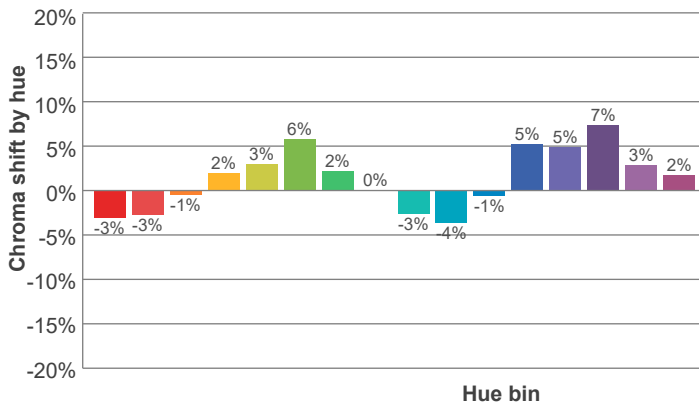
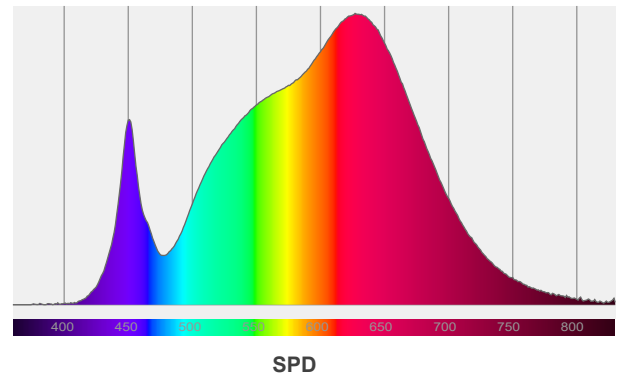
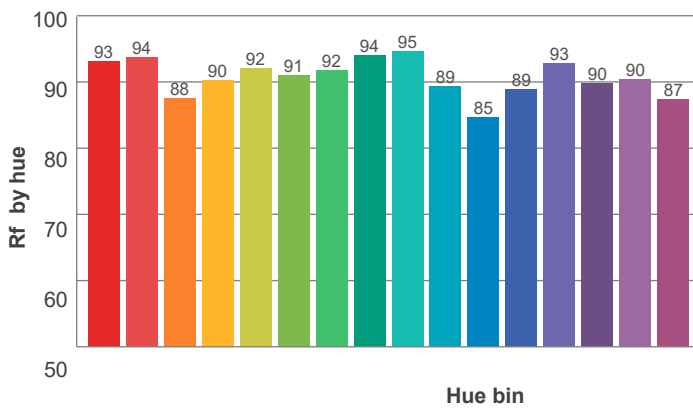
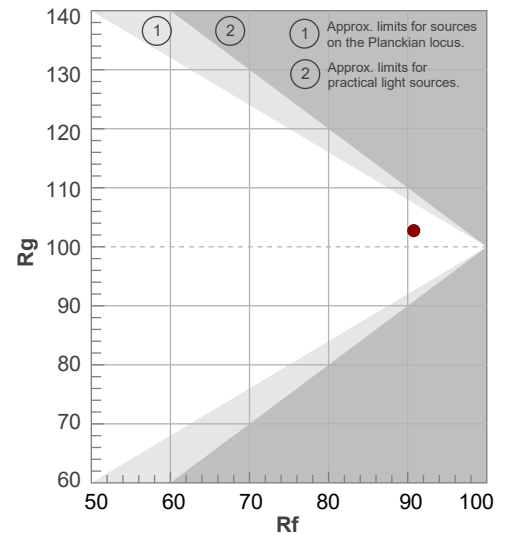
Photometric Testing Report

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



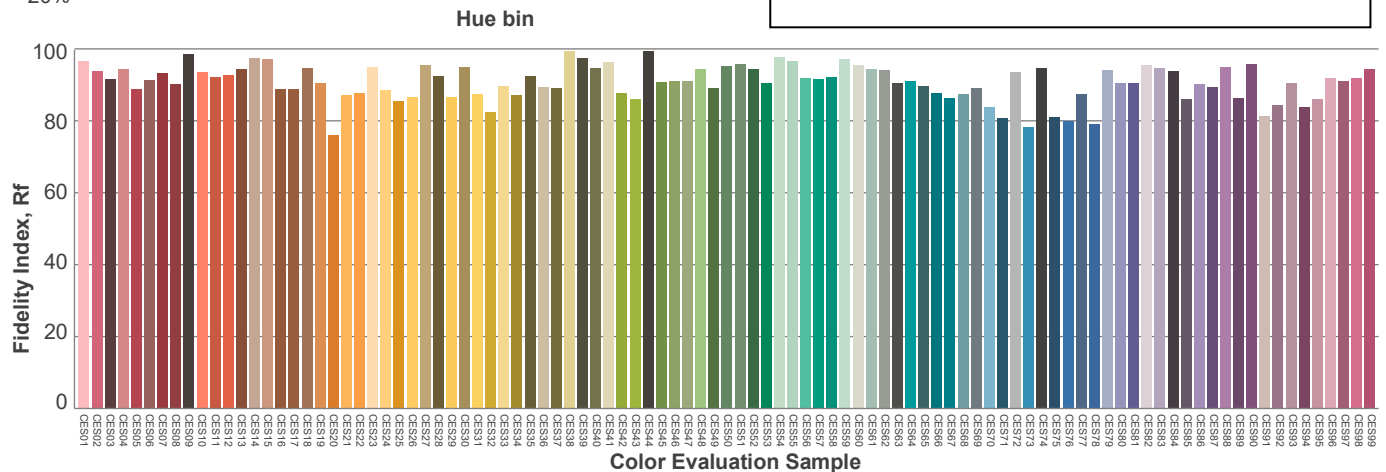
Red: 39.7%, Power=13.8mW

Blue: 7.5%, Power=5.3mW

Green: 24.4%, Power=15.6mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 627nm2nd 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	17.8	18.4	17.9	18.6	18.8	17.8	18.4	17.9	18.6	18.8
	3H	17.7	18.5	18.1	18.7	18.9	17.7	18.5	18.1	18.7	18.9
	4H	17.9	18.6	18.3	18.8	19.1	17.9	18.6	18.3	18.8	19.1
	6H	18.1	18.7	18.4	19.0	19.4	18.1	18.7	18.4	19.0	19.4
	8H	18.2	18.8	18.5	19.1	19.5	18.2	18.8	18.5	19.1	19.5
	12H	18.3	18.8	18.6	19.2	19.6	18.3	18.8	18.6	19.2	19.6
4H	2H	17.5	18.2	17.9	18.5	18.7	17.5	18.2	17.9	18.5	18.7
	3H	17.8	18.4	18.2	18.7	19.2	17.8	18.4	18.2	18.7	19.2
	4H	18.0	18.5	18.4	18.9	19.5	18.0	18.5	18.4	18.9	19.5
	6H	18.3	18.8	18.8	19.2	19.5	18.3	18.8	18.8	19.2	19.5
	8H	18.4	18.9	19.0	19.3	19.7	18.4	18.9	19.0	19.3	19.7
	12H	18.6	19.0	19.1	19.4	19.9	18.6	19.0	19.1	19.4	19.9
8H	4H	18.0	18.5	18.6	18.9	19.3	18.0	18.5	18.6	18.9	19.3
	6H	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.8
	8H	18.8	19.0	19.3	19.6	20.2	18.8	19.0	19.3	19.6	20.2
	12H	19.0	19.2	19.6	19.8	20.4	19.0	19.2	19.6	19.8	20.4
12H	4H	18.0	18.4	18.5	18.8	19.3	18.0	18.4	18.5	18.8	19.3
	6H	18.6	18.8	19.1	19.4	20.0	18.6	18.8	19.1	19.4	20.0
	8H	18.8	19.1	19.4	19.6	20.2	18.8	19.1	19.4	19.6	20.2
Variation of the observer position for the luminaire distance S											
S = 1.0H		3.8 / -2.1					3.8 / -2.1				
S = 1.5H		6.2 / -2.2					6.2 / -2.2				
S = 2.0H		8.1 / -2.3					8.1 / -2.3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1220 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.