

Light efficiency:

88 Lumen/Watt

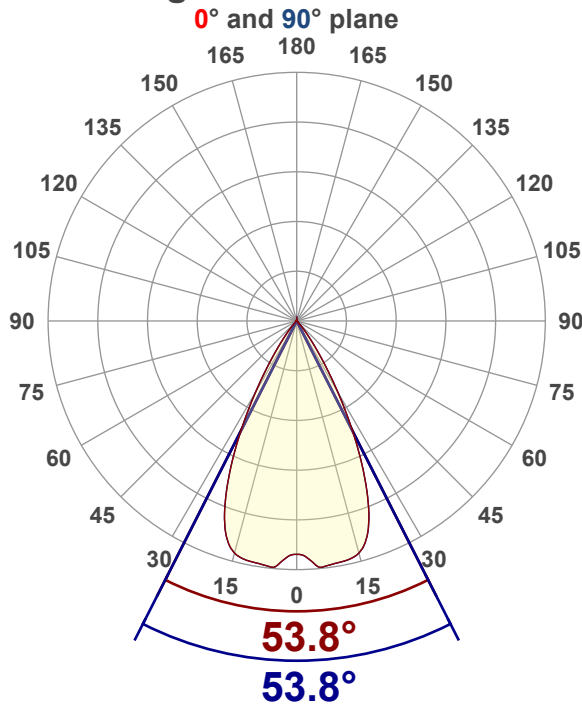
Color temperature:

3118 K

Light quality:

CRI:92.8, R_g:90.7, R_f:102.8**P: 2 / V: - / F: 2****Output: 1292 lm****Peak: 1719 cd****Power: 14.7 W****Voltage: 119 V****Current: 0.124 A****PF: 0.99****THD: 13.5 %**

Angular Distribution



Product name:

DRW-E30WG0SF-XX1-XXX

Test Date:

4/14/2025

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

53.8°

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

73.2°

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

84.7°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1095 lx	102 fc	4.1 ft / 1.2 m
8 ft / 2.4 m	274 lx	25 fc	8.1 ft / 2.5 m
12 ft / 3.7 m	122 lx	11 fc	12.2 ft / 3.7 m
16 ft / 4.9 m	68 lx	6 fc	16.2 ft / 5 m
20 ft / 6.1 m	44 lx	4 fc	20.3 ft / 6.2 m

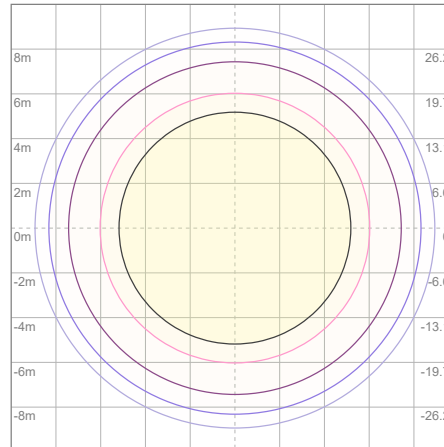
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1090	84.37%
0-40	1252	96.90%
0-60	1276	98.76%
60-90	8.61	0.67%
70-100	5.73	0.44%
90-120	2.92	0.23%
0-90	1284	99.38%
90-180	7.55	0.58%
0-180	1292	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: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

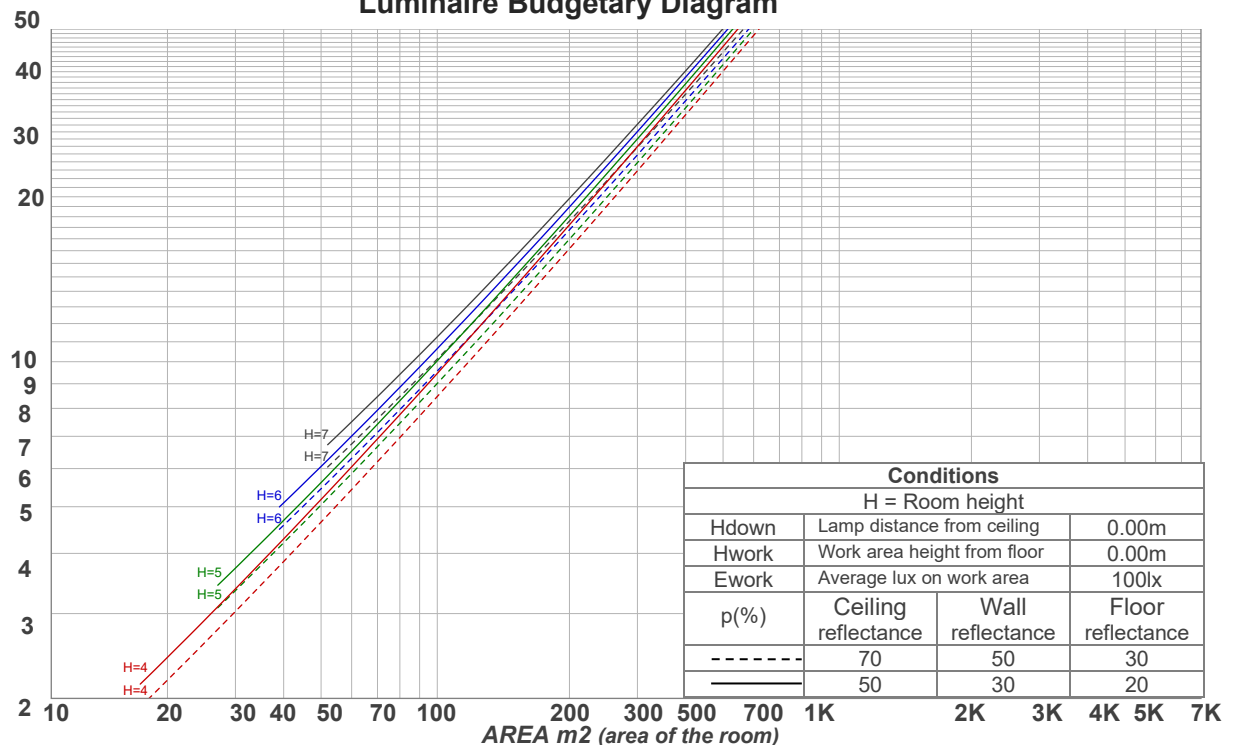
Mounting height: 3.05 meters (10 feet)

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	102	102	102	99
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	79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	81	78	76	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	68	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	62	58	65	61	58	65	61	58	57

LAMPS (number of lamps)

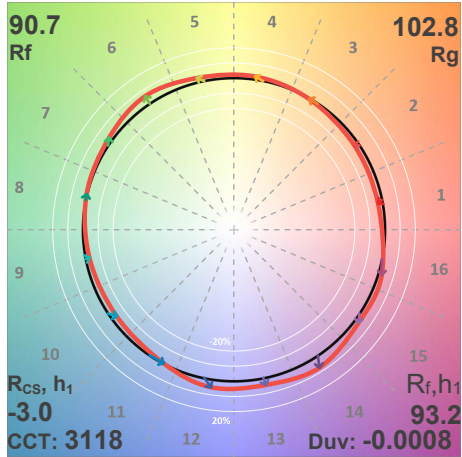
Luminaire Budgetary Diagram



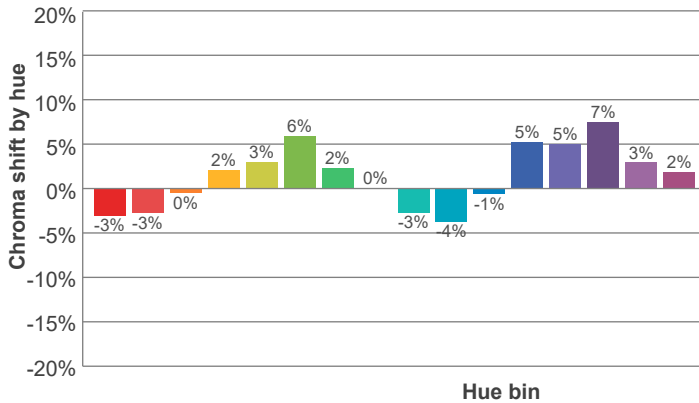
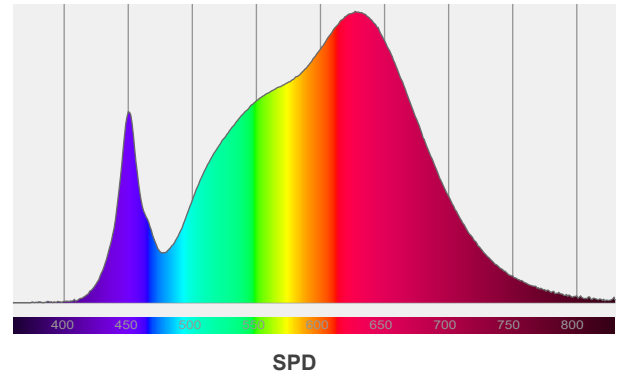
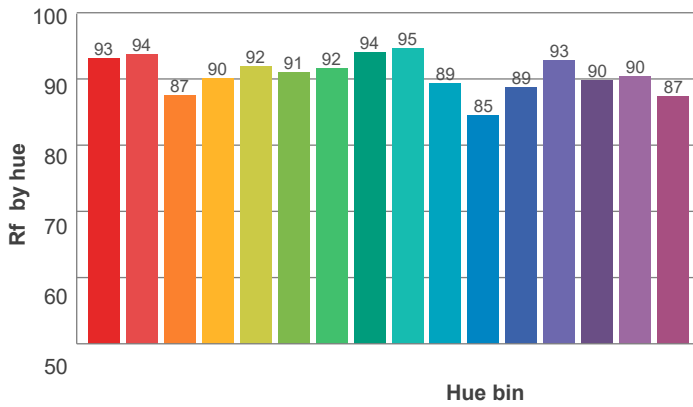
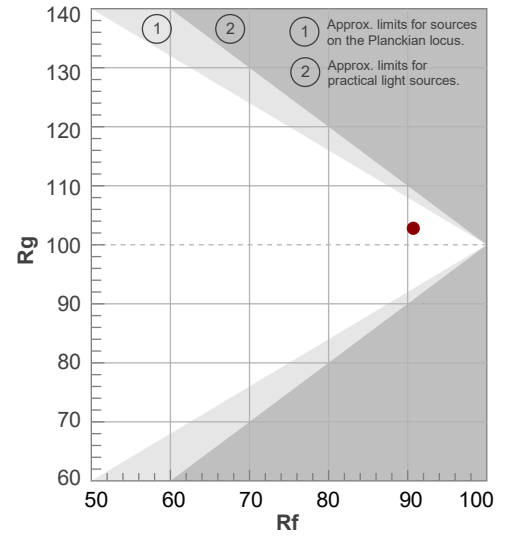
Conditions			
H = Room height			
Hdown	Lamp distance from ceiling	0.00m	
Hwork	Work area height from floor	0.00m	
Ework	Average lux on work area	100lx	
p(%)	Ceiling reflectance	Wall reflectance	Floor reflectance
-----	70	50	30
-----	50	30	20

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%	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%



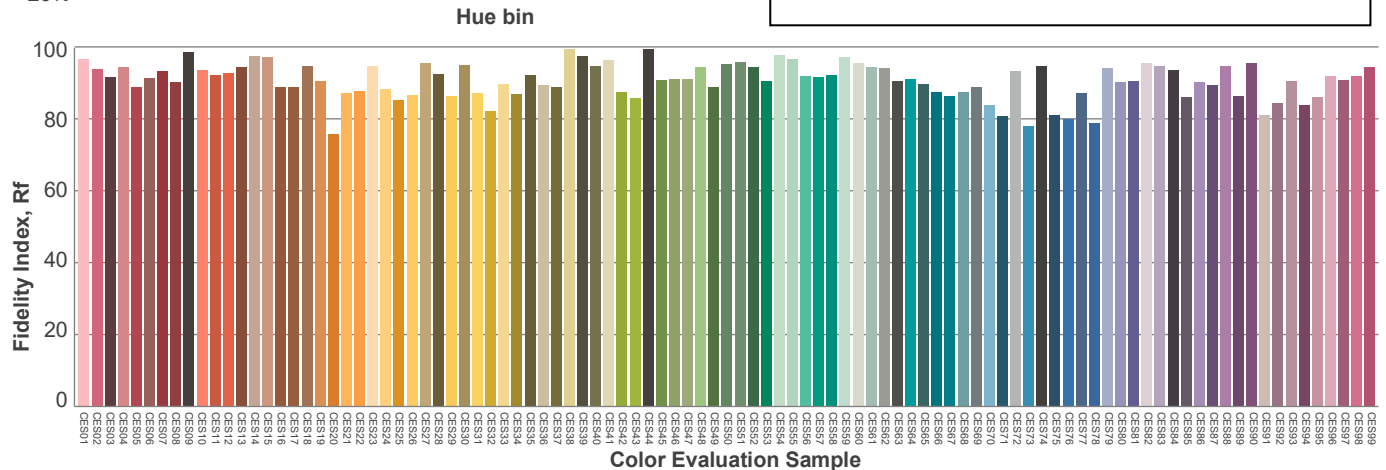
Red: 39.4%, Power=14.4mW

Blue: 7.6%, Power=5.6mW

Green: 24.5%, Power=16.5mW

UVA: 0%, Power=0.1mW

Dominant Wavelength: 583nm

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	17.0	17.6	17.2	17.8	18.0	17.0	17.6	17.2	17.8	18.0
	3H	16.8	17.5	17.2	17.7	17.9	16.8	17.5	17.2	17.7	17.9
	4H	16.8	17.5	17.2	17.7	18.0	16.8	17.5	17.2	17.7	18.0
	6H	16.8	17.4	17.1	17.7	18.1	16.8	17.4	17.1	17.7	18.1
	8H	16.8	17.4	17.2	17.7	18.1	16.8	17.4	17.2	17.7	18.1
	12H	16.8	17.3	17.2	17.7	18.1	16.8	17.3	17.2	17.7	18.1
4H	2H	16.7	17.4	17.1	17.6	17.8	16.7	17.4	17.1	17.6	17.8
	3H	16.7	17.2	17.0	17.6	18.0	16.7	17.2	17.0	17.6	18.0
	4H	16.6	17.1	17.1	17.6	18.1	16.6	17.1	17.1	17.6	18.1
	6H	16.6	17.2	17.2	17.5	17.9	16.6	17.2	17.2	17.5	17.9
	8H	16.6	17.1	17.2	17.5	17.9	16.6	17.1	17.2	17.5	17.9
	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	17.1	17.4	17.7	16.5	17.0	17.1	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	16.9	17.2	17.5	18.1	16.7	16.9	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	16.9	17.0	17.3	17.7	16.5	16.9	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		5.5 / -5.5					5.5 / -5.5				
S = 1.5H		8.2 / -5.7					8.2 / -5.7				
S = 2.0H		10.2 / -5.8					10.2 / -5.8				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1292 lm total luminous flux											