

Light efficiency:

38 Lumen/Watt

Color temperature:

3007 K

Light quality:

CRI:91.1, R_g:88.3, R_f:103.9

P: 2 / V: - / F: 3

Output: 558 lm

Peak: 9536 cd

Power: 14.8 W

Voltage: 119 V

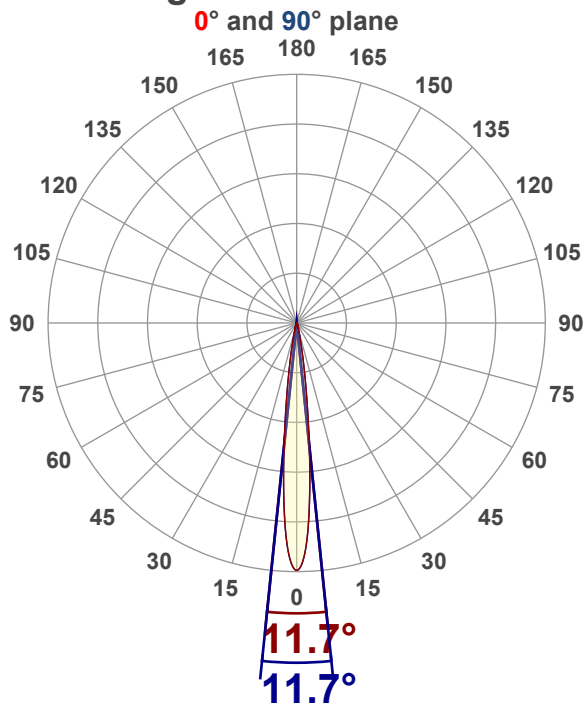
Current: 0.126 A

PF: 0.98

THD: 13.49 %



Angular Distribution



Product name:

DRW-A27SG0PF-XX1-XXX

Test Date:

4/16/2025

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

11.7°

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

22.3°

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

32°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	6415 lx	596 fc	0.8 ft / 0.3 m
8 ft / 2.4 m	1604 lx	149 fc	1.6 ft / 0.5 m
12 ft / 3.7 m	713 lx	66 fc	2.5 ft / 0.8 m
16 ft / 4.9 m	401 lx	37 fc	3.3 ft / 1 m
20 ft / 6.1 m	257 lx	24 fc	4.1 ft / 1.3 m

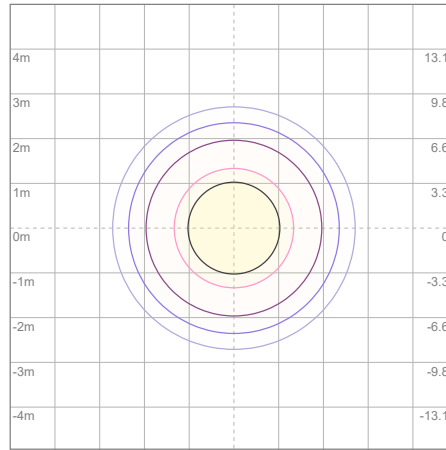
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	532	95.34%
0-40	540	96.77%
0-60	545	97.67%
60-90	4.76	0.85%
70-100	4.61	0.83%
90-120	3.93	0.70%
0-90	550	98.57%
90-180	8.33	1.49%
0-180	558	100.00%

ISO Lux Diagram



Lux at center:	1025 lx
3%	30.75 lx
5%	51.25 lx
10%	102.50 lx
30%	307.50 lx
50%	512.50 lx

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

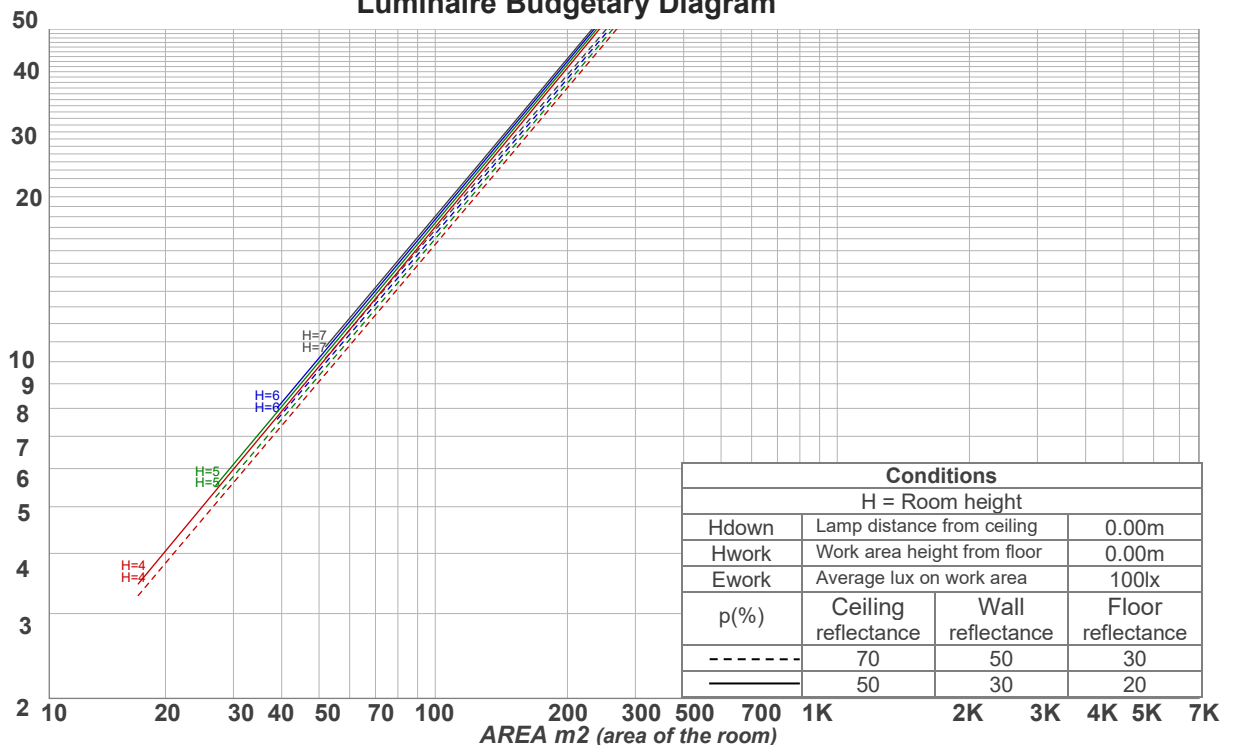
Mounting height: 3.05 meters (10 feet)

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	110	110	110	105	105	105	101	101	101	99
1	115	113	112	110	113	111	110	108	107	106	105	103	102	102	100	99	98	97
2	112	109	107	105	110	108	105	103	104	103	101	101	100	99	99	97	97	95
3	110	106	103	101	108	105	102	100	102	100	98	100	98	97	97	96	95	94
4	108	103	100	98	106	102	99	97	100	98	96	98	96	95	96	95	94	93
5	106	101	98	95	104	100	97	95	98	96	94	97	95	93	95	94	92	91
6	104	99	96	94	103	98	95	93	97	94	93	96	93	92	94	93	91	90
7	102	97	94	92	101	97	94	92	96	93	91	94	92	91	93	92	90	89
8	101	96	93	91	100	95	92	90	94	92	90	93	91	90	93	91	89	88
9	99	94	91	89	98	94	91	89	93	91	89	92	90	89	92	90	88	88
10	98	93	90	88	97	93	90	88	92	90	88	91	89	88	91	89	87	87

LAMPS (number of lamps)

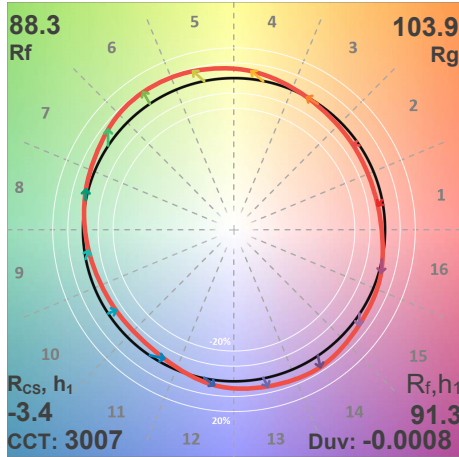
Luminaire Budgetary Diagram



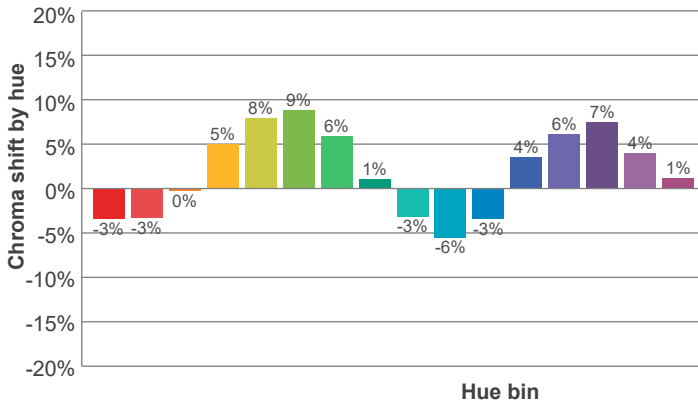
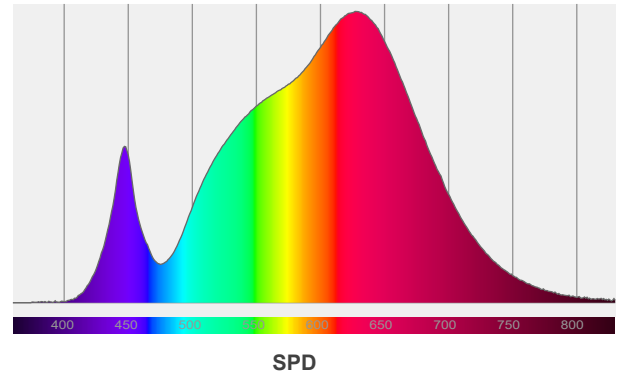
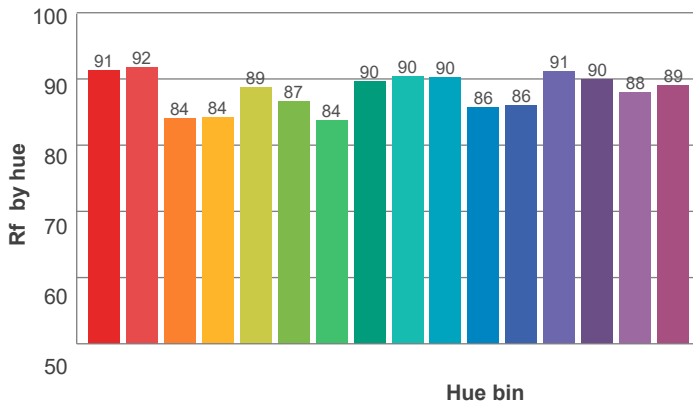
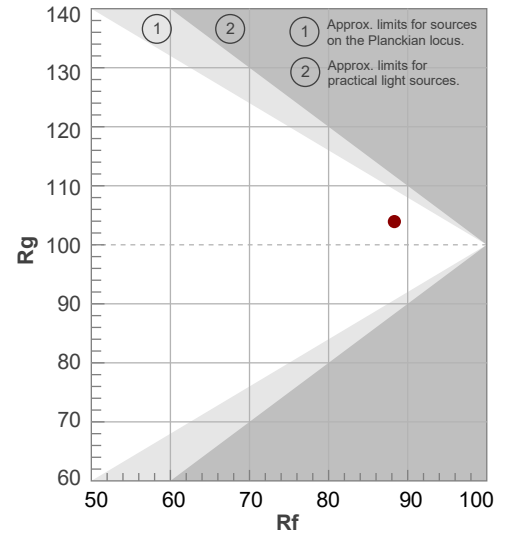
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 3



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	91	-3%	-3%
2	92	-3%	3%
3	84	0%	8%
4	84	5%	9%
5	89	8%	6%
6	87	9%	-1%
7	84	6%	-9%
8	90	1%	-7%
9	90	-3%	-5%
10	90	-6%	1%
11	86	-3%	9%
12	86	4%	7%
13	91	6%	2%
14	90	7%	-3%
15	88	4%	-7%
16	89	1%	-9%



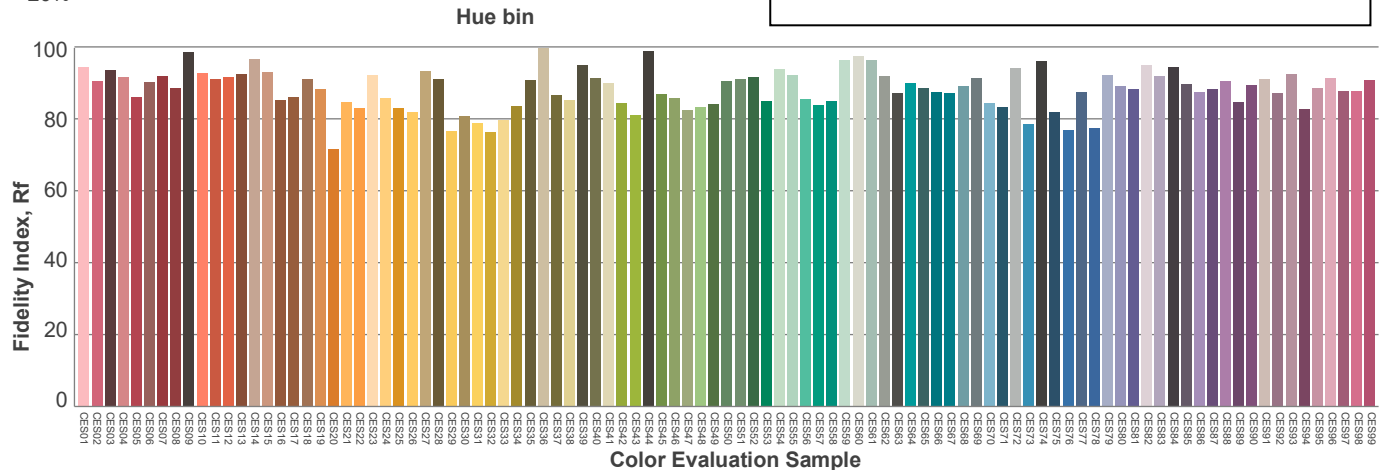
Red: 40.2%, Power=6.4mW

Blue: 5.8%, Power=1.7mW

Green: 24%, Power=7.1mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 627nm2nd Peak Wavelength: 447nm

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	1.9	2.2	2.0	2.4	2.6	1.9	2.2	2.0	2.4	2.6
	3H	3.1	3.5	3.5	3.7	3.9	3.1	3.5	3.5	3.7	3.9
	4H	4.4	4.9	4.8	5.1	5.3	4.4	4.9	4.8	5.1	5.3
	6H	6.3	6.6	6.6	7.0	7.3	6.3	6.6	6.6	7.0	7.3
	8H	7.3	7.6	7.6	8.0	8.4	7.3	7.6	7.6	8.0	8.4
	12H	8.4	8.7	8.7	9.1	9.5	8.4	8.7	8.7	9.1	9.5
4H	2H	2.0	2.5	2.4	2.7	3.0	2.0	2.5	2.4	2.7	3.0
	3H	3.9	4.3	4.3	4.6	5.1	3.9	4.3	4.3	4.6	5.1
	4H	5.5	5.8	5.9	6.3	6.8	5.5	5.8	5.9	6.3	6.8
	6H	7.6	8.0	8.1	8.4	8.7	7.6	8.0	8.1	8.4	8.7
	8H	8.8	9.1	9.3	9.5	9.9	8.8	9.1	9.3	9.5	9.9
	12H	10.0	10.2	10.5	10.7	11.1	10.0	10.2	10.5	10.7	11.1
8H	4H	6.2	6.6	6.8	7.0	7.3	6.2	6.6	6.8	7.0	7.3
	6H	8.7	8.9	9.2	9.4	9.9	8.7	8.9	9.2	9.4	9.9
	8H	10.1	10.2	10.6	10.8	11.4	10.1	10.2	10.6	10.8	11.4
	12H	11.4	11.6	12.1	12.1	12.7	11.4	11.6	12.1	12.1	12.7
12H	4H	6.4	6.7	7.0	7.1	7.6	6.4	6.7	7.0	7.1	7.6
	6H	9.0	9.2	9.6	9.7	10.4	9.0	9.2	9.6	9.7	10.4
	8H	10.5	10.6	11.1	11.1	11.7	10.5	10.6	11.1	11.1	11.7
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.2 / -0.1					0.2 / -0.1				
S = 1.5H		0.5 / -0.1					0.5 / -0.1				
S = 2.0H		0.8 / -0.3					0.8 / -0.3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 558 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.