

Light efficiency:

28 Lumen/Watt

Color temperature:

2970 K

Light quality:

CRI:91.5, R_g:88.5, R_f:104.0

P: 2 / V: - / F: 3

Output: 412 lm

Peak: 1507 cd

Power: 14.8 W

Voltage: 119 V

Current: 0.126 A

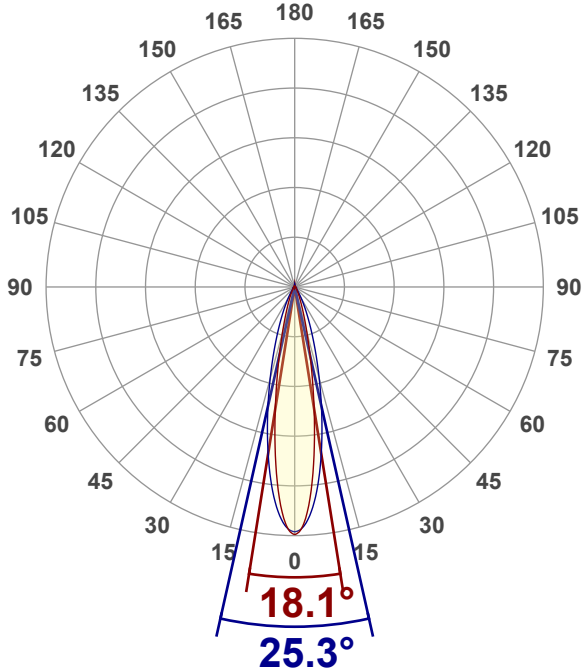
PF: 0.98

THD: 13.59 %



Angular Distribution

0° and 90° plane



Product name:

DRW-A27SG3WF-XX1-XXX

Test Date:

4/16/2025

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

23.2°

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

46.6°

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

68.2°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1006 lx	93 fc	1.6 ft / 0.5 m
8 ft / 2.4 m	252 lx	23 fc	3.3 ft / 1 m
12 ft / 3.7 m	112 lx	10 fc	4.9 ft / 1.5 m
16 ft / 4.9 m	63 lx	6 fc	6.6 ft / 2 m
20 ft / 6.1 m	40 lx	4 fc	8.2 ft / 2.5 m

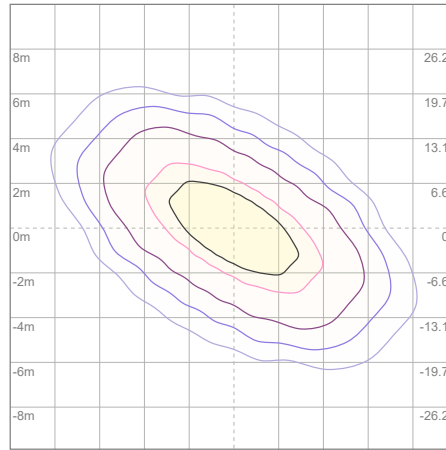
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	313	75.97%
0-40	342	83.01%
0-60	367	89.08%
60-90	24.2	5.87%
70-100	17.8	4.32%
90-120	13.0	3.16%
0-90	391	94.90%
90-180	21.5	5.22%
0-180	412	100.00%

ISO Lux Diagram



Lux at center:	161 lx
3%	4.83 lx
5%	8.05 lx
10%	16.10 lx
30%	48.30 lx
50%	80.50 lx

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

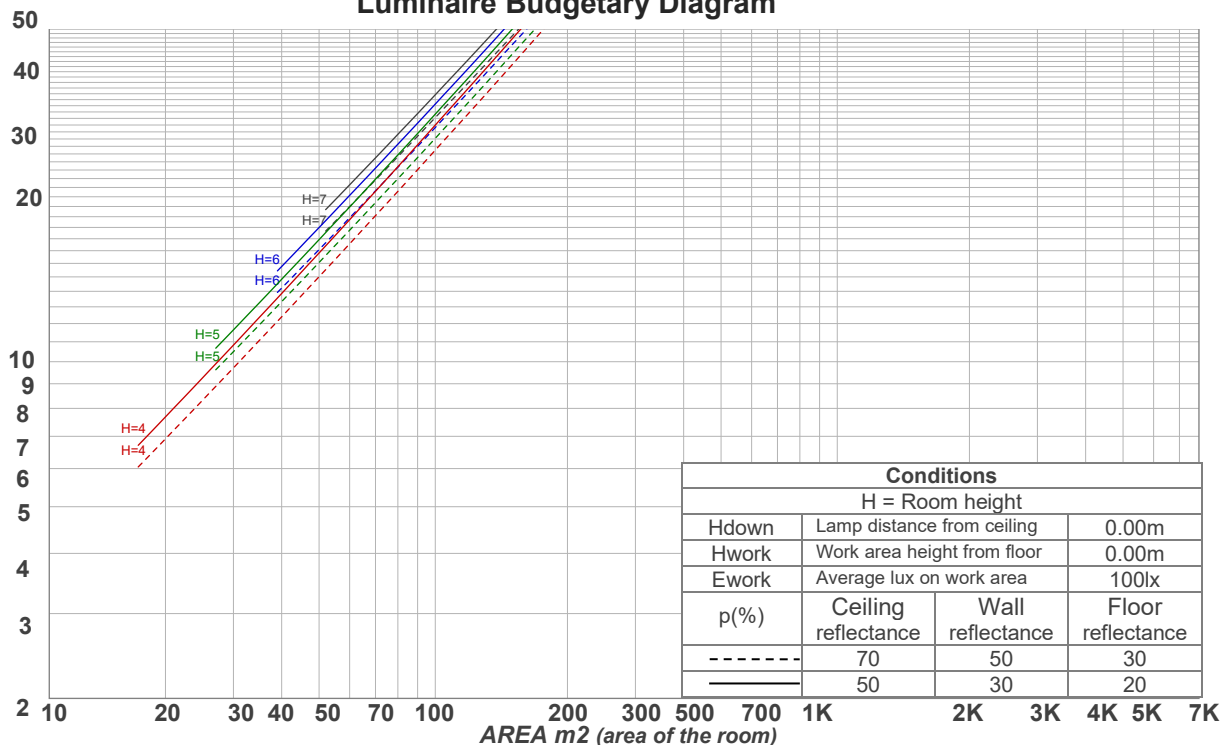
Mounting height: 3.05 meters (10 feet)

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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	95
1	112	109	106	104	109	106	104	102	101	99	98	97	95	94	92	91	90	88
2	106	101	97	94	104	99	96	92	95	92	90	91	89	87	88	86	84	83
3	102	95	90	87	99	94	89	86	90	87	84	87	84	82	84	82	80	78
4	97	90	85	81	95	89	84	80	86	82	79	83	80	77	81	78	76	74
5	93	85	80	76	91	84	79	76	82	78	74	80	76	73	78	75	72	71
6	90	81	76	72	88	80	75	72	78	74	71	77	73	70	75	72	69	68
7	86	78	73	69	85	77	72	68	75	71	68	74	70	67	72	69	66	65
8	83	75	69	66	82	74	69	66	72	68	65	71	67	64	70	66	64	63
9	80	72	67	63	79	71	66	63	70	66	62	69	65	62	68	64	62	60
10	78	69	64	61	76	69	64	61	67	63	60	66	63	60	65	62	59	58

LAMPS (number of lamps)

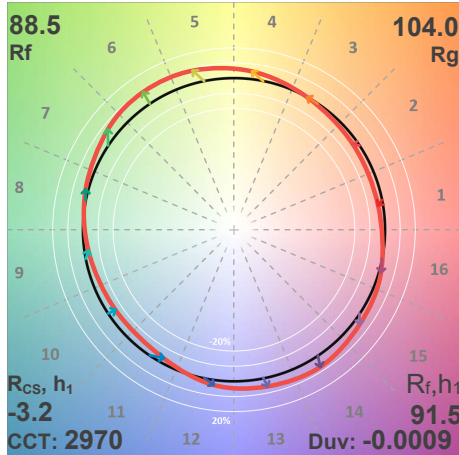
Luminaire Budgetary Diagram



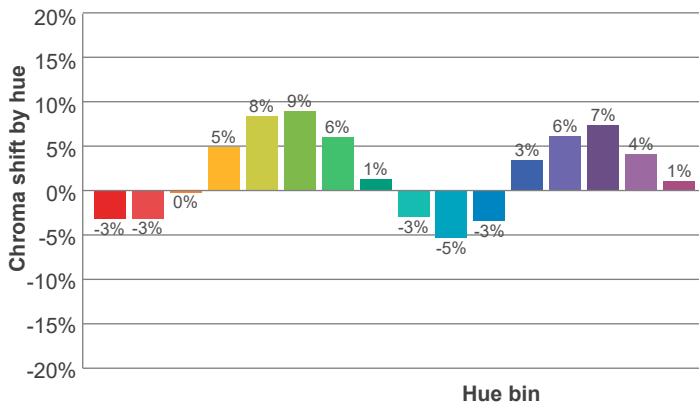
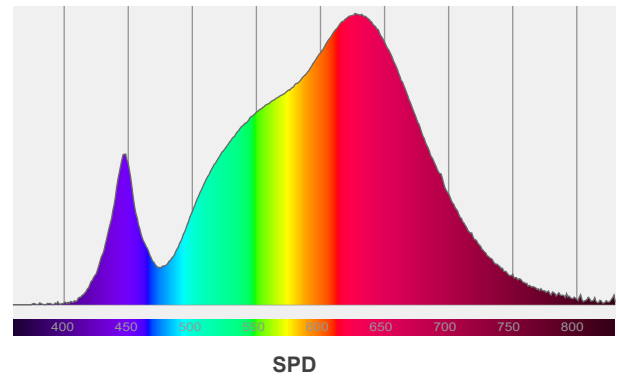
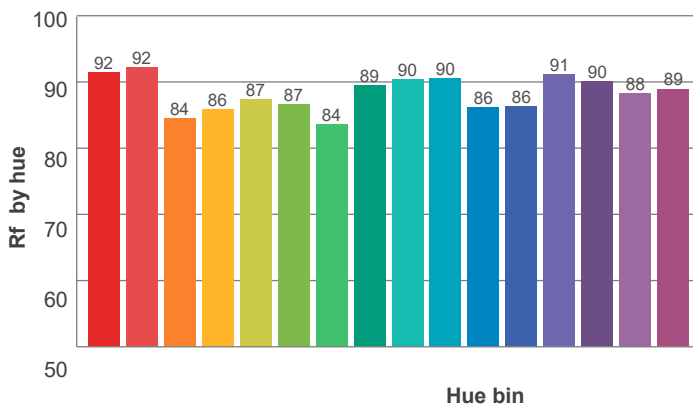
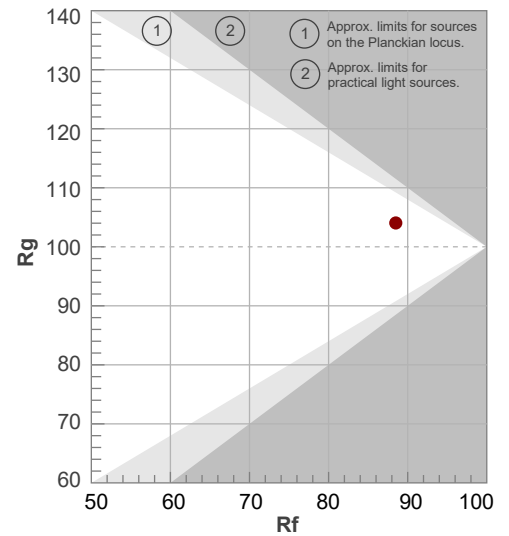
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 3



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



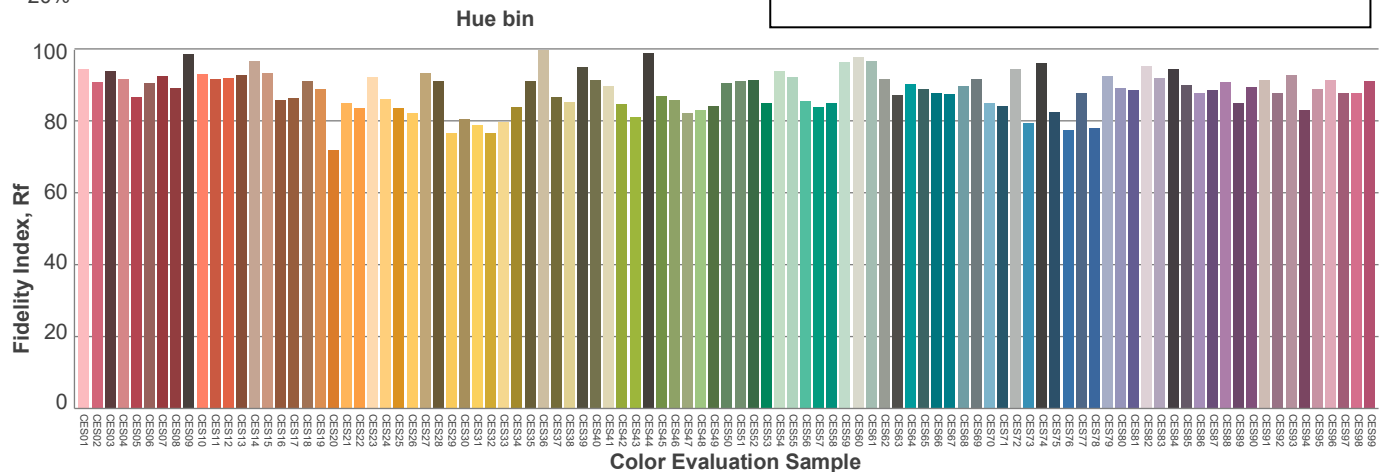
Red: 40.9%, Power=4.86mW

Blue: 5.6%, Power=1.23mW

Green: 23.6%, Power=5.19mW

UVA: 0%, Power=0.01mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 627nm2nd Peak Wavelength: 448nm

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				
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Variation of the observer position for the luminaire distance S										
n/a	n/a					n/a				
n/a	n/a					n/a				
n/a	n/a					n/a				
Standard table	n/a					n/a				
Correction summand	n/a					n/a				
Corrected glare indices referring to 412 lm total luminous flux										

UGR data could not be calculated due to missing/wrong symmetry. Goto Edit->Photometric->Corrections and select Correct asymmetry.
UGR data could not be calculated due to missing/wrong symmetry. Goto Edit->Photometric->Corrections and select Correct asymmetry.
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.