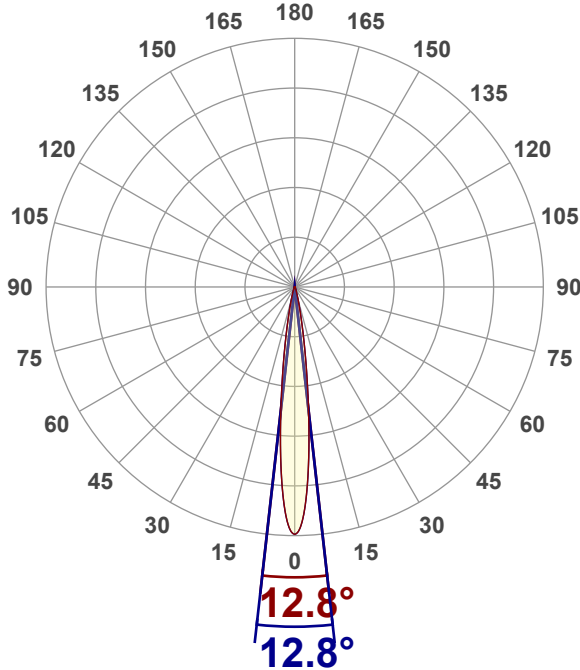


Light efficiency:**36 Lumen/Watt****Color temperature:****2995 K****Light quality:****CRI:91.2, R_g:88.3, R_f:104.0****P: 2 / V: - / F: 3****Output: 534 lm****Peak: 7172 cd****Power: 14.8 W****Voltage: 119 V****Current: 0.126 A****PF: 0.98****THD: 13.59 %****Angular Distribution****0° and 90° plane****Product name:****DRW-A27SG2WF-XX1-XXX****Test Date:****4/16/2025****Beam Angle (50% of the brightness of the centre):****12.8°****Field Angle (10% of the brightness of the centre):****25.1°****Cut Off Angle (2.5% of the brightness of the centre):****36.8°****Beam Details*****measured at centre of beam**

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	4825 lx	448 fc	0.9 ft / 0.3 m
8 ft / 2.4 m	1206 lx	112 fc	1.8 ft / 0.5 m
12 ft / 3.7 m	536 lx	50 fc	2.7 ft / 0.8 m
16 ft / 4.9 m	302 lx	28 fc	3.6 ft / 1.1 m
20 ft / 6.1 m	193 lx	18 fc	4.5 ft / 1.4 m

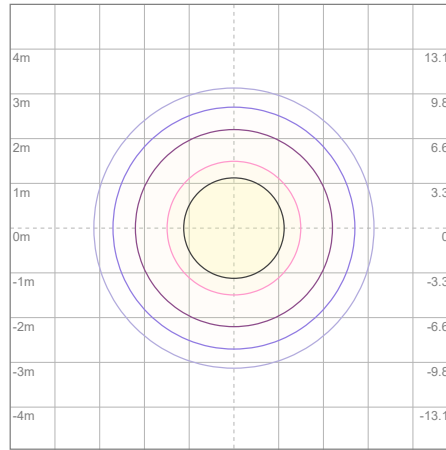
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	491	91.95%
0-40	501	93.82%
0-60	509	95.32%
60-90	7.93	1.49%
70-100	8.01	1.50%
90-120	10.1	1.89%
0-90	517	96.82%
90-180	17.1	3.20%
0-180	534	100.00%

ISO Lux Diagram



Lux at center:	771 lx
3%	23.13 lx
5%	38.55 lx
10%	77.10 lx
30%	231.30 lx
50%	385.50 lx

Conditions:

Number of planes: 8

Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

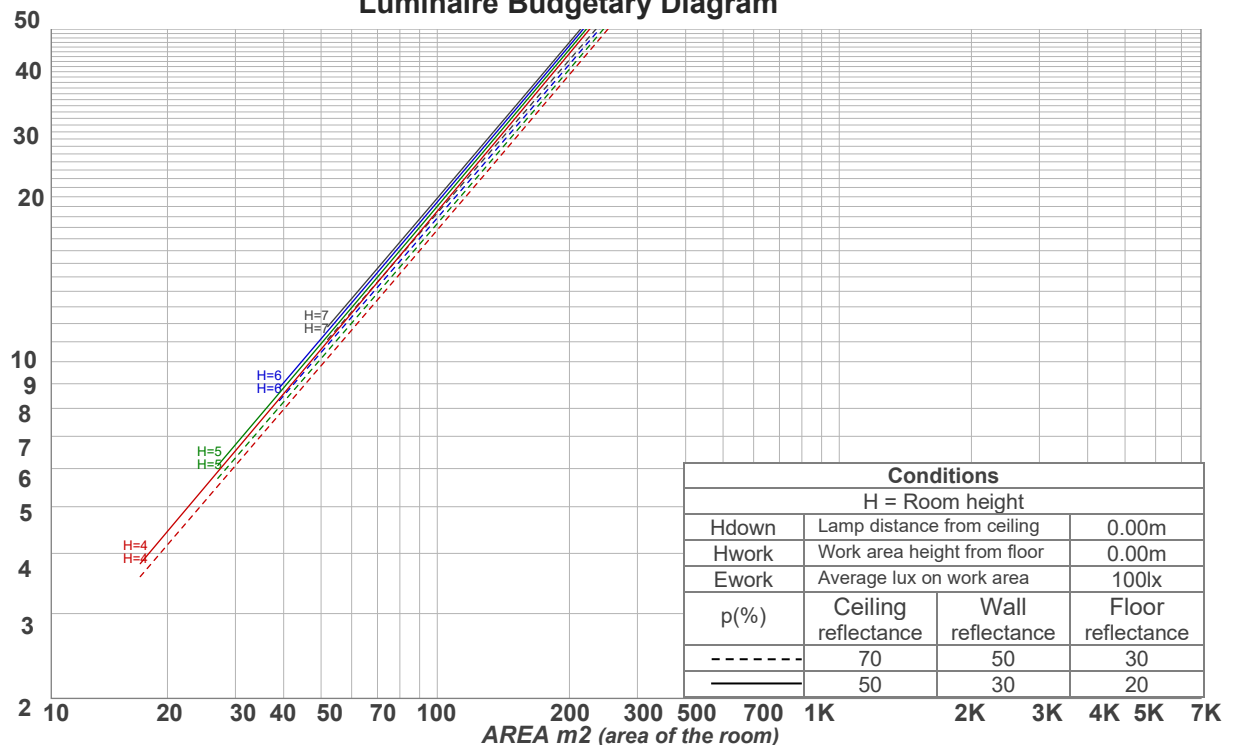
Mounting height: 3.05 meters (10 feet)

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	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	114	112	111	109	112	110	108	107	105	104	103	101	100	100	97	97	96	94
2	111	108	105	103	109	106	104	101	102	100	99	99	98	96	96	95	94	92
3	108	104	101	98	106	103	100	97	100	97	95	97	95	94	95	93	92	91
4	106	101	98	95	104	100	97	94	97	95	93	95	93	91	93	92	90	89
5	103	98	95	92	102	97	94	92	95	93	91	94	91	90	92	90	89	88
6	101	96	92	90	100	95	92	90	94	91	89	92	90	88	91	89	87	86
7	99	94	91	88	98	93	90	88	92	89	87	91	88	87	90	88	86	85
8	98	92	89	86	97	92	88	86	90	88	86	89	87	85	88	86	85	84
9	96	91	87	85	95	90	87	85	89	86	84	88	86	84	87	85	84	83
10	94	89	86	84	94	89	86	84	88	85	83	87	85	83	86	84	83	82

LAMPS (number of lamps)

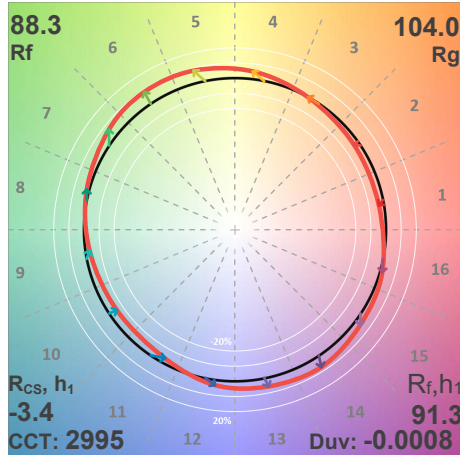
Luminaire Budgetary Diagram



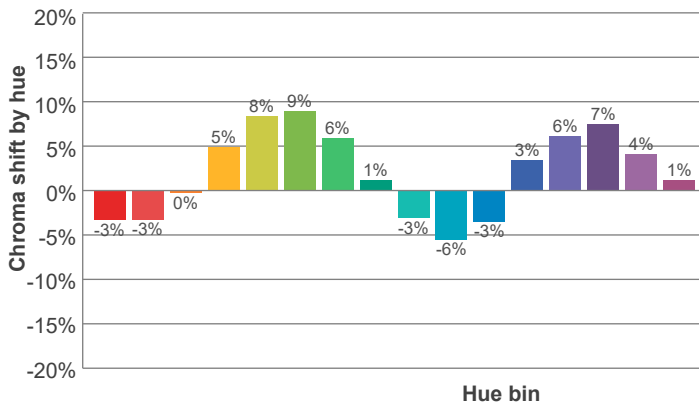
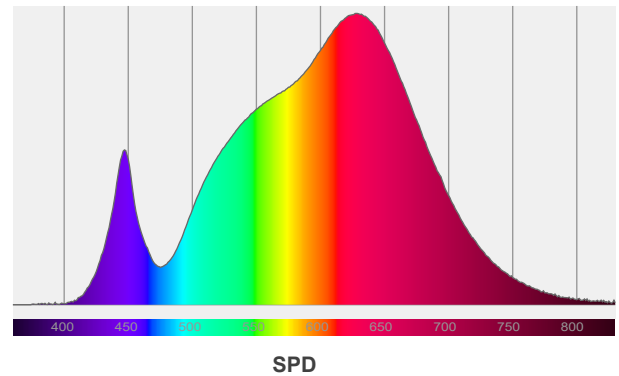
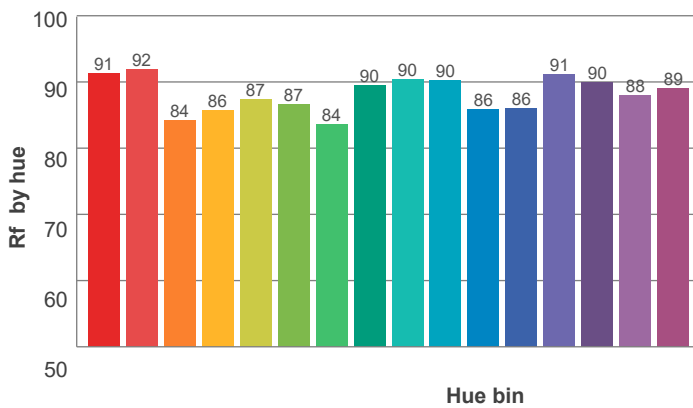
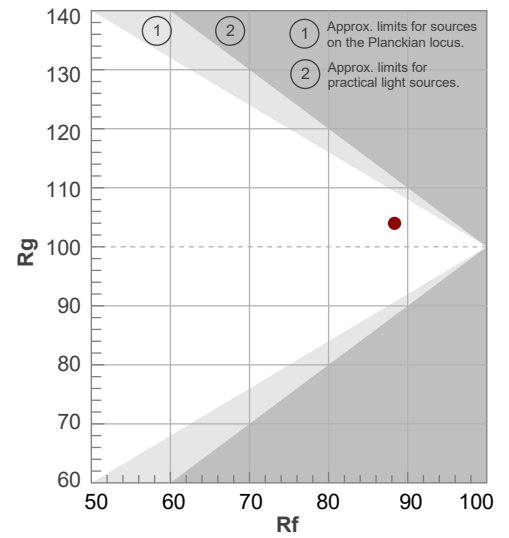
Photometric Testing Report

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	86	5%	9%
5	87	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	3%	7%
13	91	6%	2%
14	90	7%	-3%
15	88	4%	-7%
16	89	1%	-9%



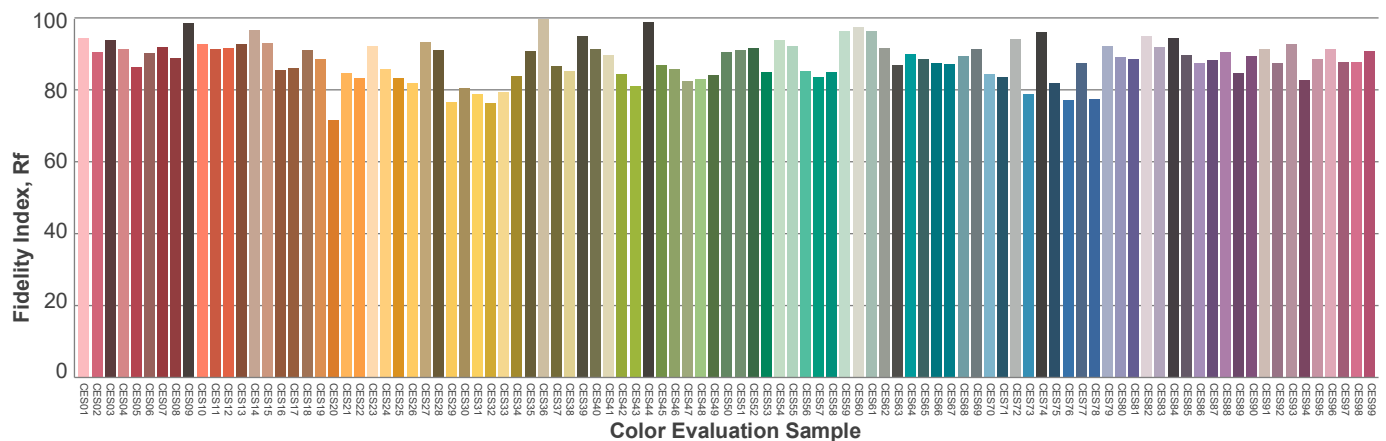
Red: 40.5%, Power=6.2mW

Blue: 5.7%, Power=1.6mW

Green: 23.9%, Power=6.8mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 628nm2nd 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	5.0	5.3	5.1	5.5	5.7	5.0	5.3	5.1	5.5	5.7
	3H	6.5	7.0	6.9	7.2	7.4	6.5	7.0	6.9	7.2	7.4
	4H	7.8	8.3	8.2	8.5	8.8	7.8	8.3	8.2	8.5	8.8
	6H	9.6	10.0	9.9	10.4	10.7	9.6	10.0	9.9	10.4	10.7
	8H	10.6	11.0	11.0	11.4	11.8	10.6	11.0	11.0	11.4	11.8
	12H	11.6	12.0	12.0	12.4	12.9	11.6	12.0	12.0	12.4	12.9
4H	2H	5.3	5.8	5.7	6.1	6.3	5.3	5.8	5.7	6.1	6.3
	3H	7.4	7.8	7.8	8.2	8.7	7.4	7.8	7.8	8.2	8.7
	4H	9.0	9.4	9.4	9.8	10.3	9.0	9.4	9.4	9.8	10.3
	6H	11.0	11.4	11.5	11.8	12.2	11.0	11.4	11.5	11.8	12.2
	8H	12.1	12.5	12.7	12.9	13.3	12.1	12.5	12.7	12.9	13.3
	12H	13.3	13.6	13.8	14.0	14.5	13.3	13.6	13.8	14.0	14.5
8H	4H	9.7	10.1	10.2	10.4	10.9	9.7	10.1	10.2	10.4	10.9
	6H	12.0	12.2	12.6	12.8	13.3	12.0	12.2	12.6	12.8	13.3
	8H	13.4	13.5	13.9	14.1	14.8	13.4	13.5	13.9	14.1	14.8
	12H	14.7	14.9	15.3	15.4	16.1	14.7	14.9	15.3	15.4	16.1
12H	4H	9.9	10.1	10.4	10.6	11.1	9.9	10.1	10.4	10.6	11.1
	6H	12.4	12.5	12.9	13.1	13.8	12.4	12.5	12.9	13.1	13.8
	8H	13.8	13.9	14.4	14.5	15.1	13.8	13.9	14.4	14.5	15.1
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.1 / -0.1					0.1 / -0.1				
S = 1.5H		0.3 / -0.1					0.3 / -0.1				
S = 2.0H		0.3 / -0.2					0.3 / -0.2				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 534 lm total luminous flux											