

Light efficiency:

25 Lumen/Watt

Color temperature:

2985 K

Light quality:

CRI:91.5, R_g:88.6, R_f:103.9

P: 2 / V: - / F: 3

Output: 370 lm

Peak: 574 cd

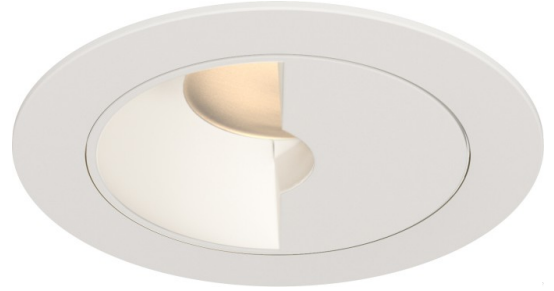
Power: 14.8 W

Voltage: 119 V

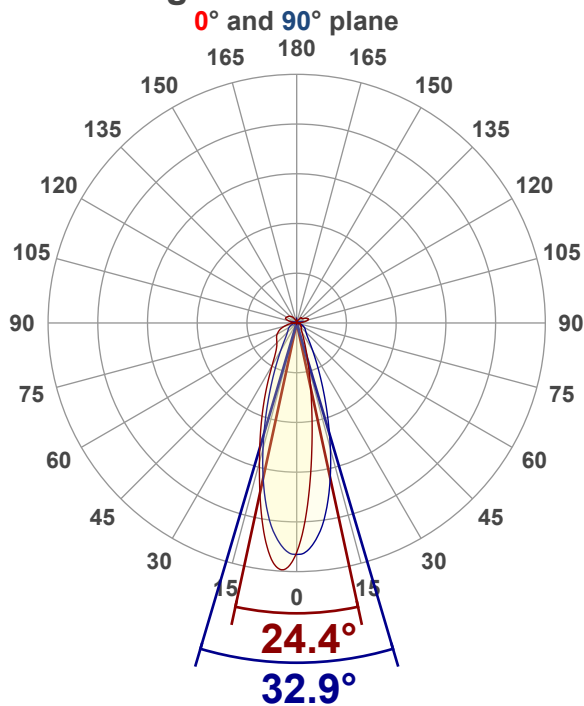
Current: 0.127 A

PF: 0.98

THD: 13.44 %



Angular Distribution



Product name:

DRW-A27SG0WW-XX1-XXX

Test Date:

4/16/2025

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

27.7°

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

69.7°

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

274.2°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	358 lx	33 fc	2 ft / 0.6 m
8 ft / 2.4 m	89 lx	8 fc	3.9 ft / 1.2 m
12 ft / 3.7 m	40 lx	4 fc	5.9 ft / 1.8 m
16 ft / 4.9 m	22 lx	2 fc	7.9 ft / 2.4 m
20 ft / 6.1 m	14 lx	1 fc	9.9 ft / 3 m

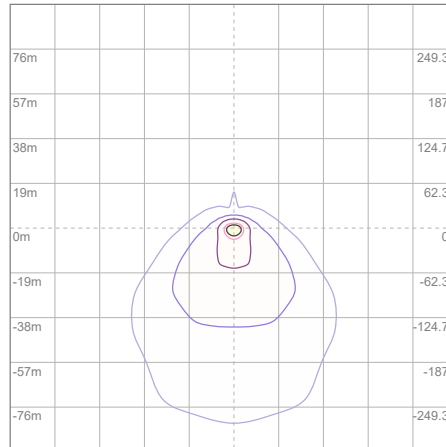
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	161	43.51%
0-40	193	52.16%
0-60	247	66.76%
60-90	46.2	12.49%
70-100	29.7	8.03%
90-120	41.1	11.11%
0-90	293	79.19%
90-180	77.1	20.84%
0-180	370	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	57 lx
3%	1.71 lx
5%	2.85 lx
10%	5.70 lx
30%	17.10 lx
50%	28.50 lx

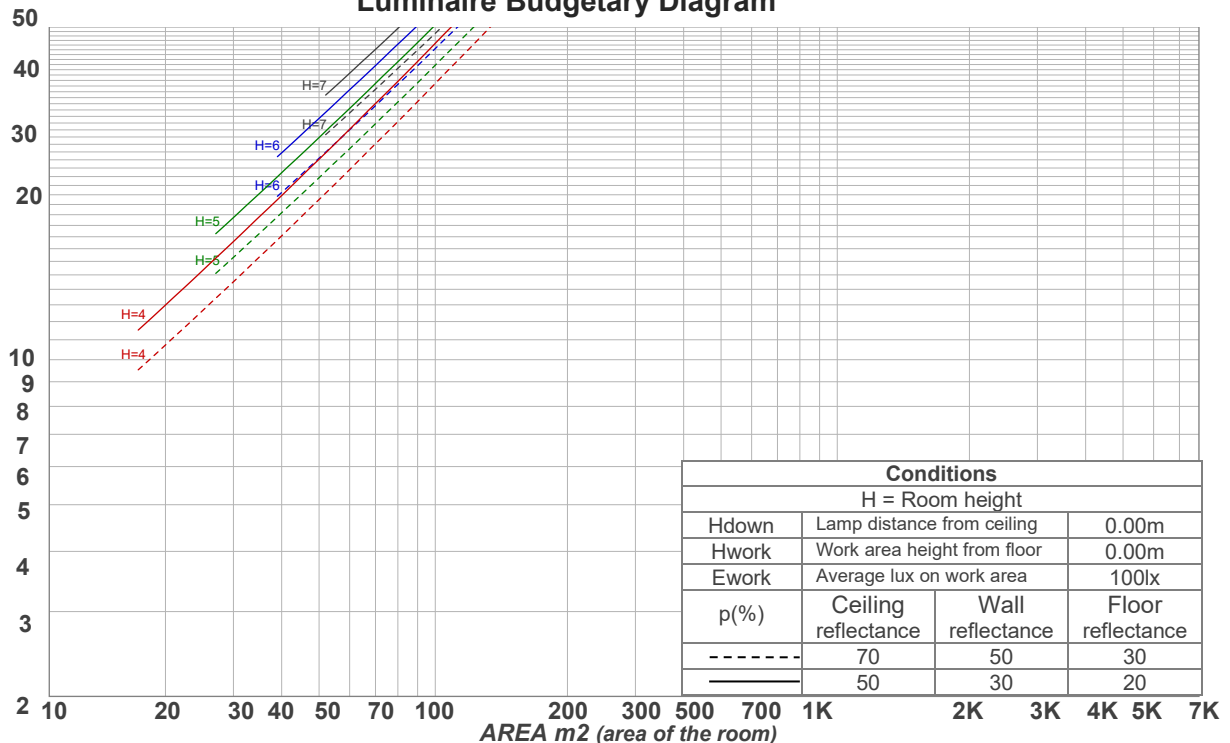
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	79
1	105	101	98	95	101	97	94	91	89	87	84	82	80	78	75	74	72	69
2	98	91	85	81	93	87	82	78	81	77	73	74	71	69	69	66	64	61
3	91	82	76	71	87	79	73	69	74	69	65	68	64	61	63	60	58	55
4	85	75	68	63	81	73	66	61	68	62	58	63	59	55	59	55	53	50
5	80	69	62	57	76	67	60	55	63	57	53	59	54	51	55	51	48	46
6	75	64	57	52	72	62	56	51	59	53	49	55	50	47	52	48	45	43
7	71	60	53	48	68	58	52	47	55	49	45	52	47	44	49	45	42	40
8	67	56	49	44	65	55	48	44	52	46	42	49	44	41	46	42	39	38
9	64	53	46	42	61	51	45	41	49	44	40	46	42	39	44	40	37	36
10	61	50	43	39	59	49	43	39	46	41	37	44	40	36	42	38	35	34

LAMPS (number of lamps)

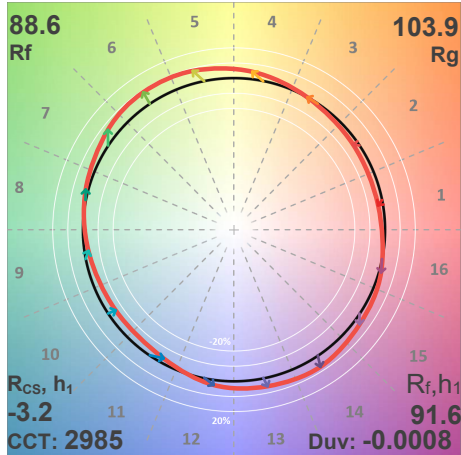
Luminaire Budgetary Diagram



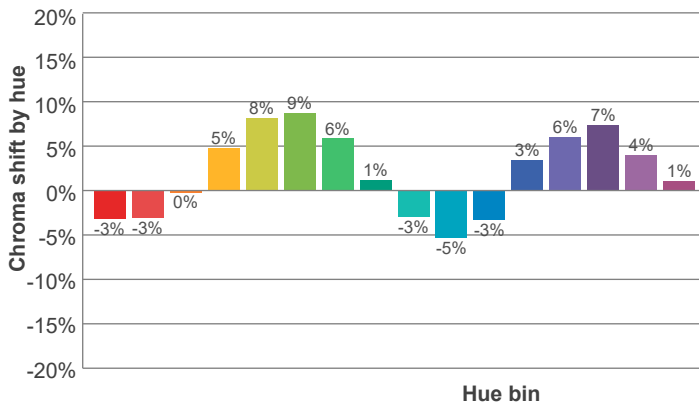
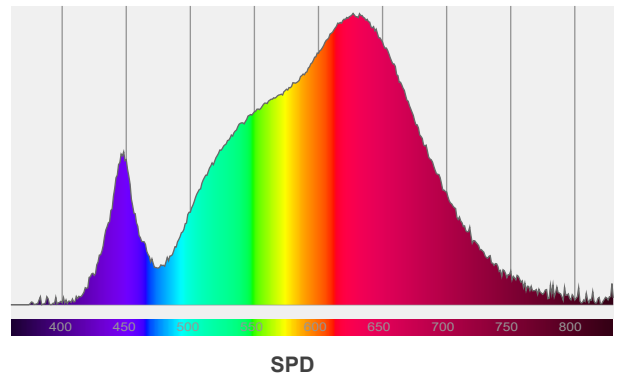
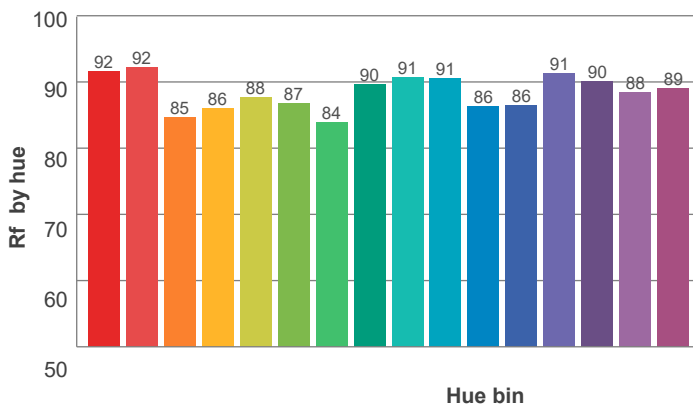
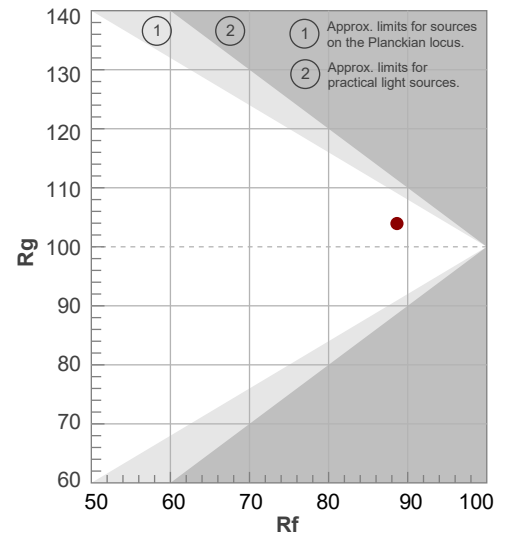
Photometric Testing Report

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	85	0%	8%
4	86	5%	8%
5	88	8%	6%
6	87	9%	-1%
7	84	6%	-9%
8	90	1%	-7%
9	91	-3%	-5%
10	91	-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%



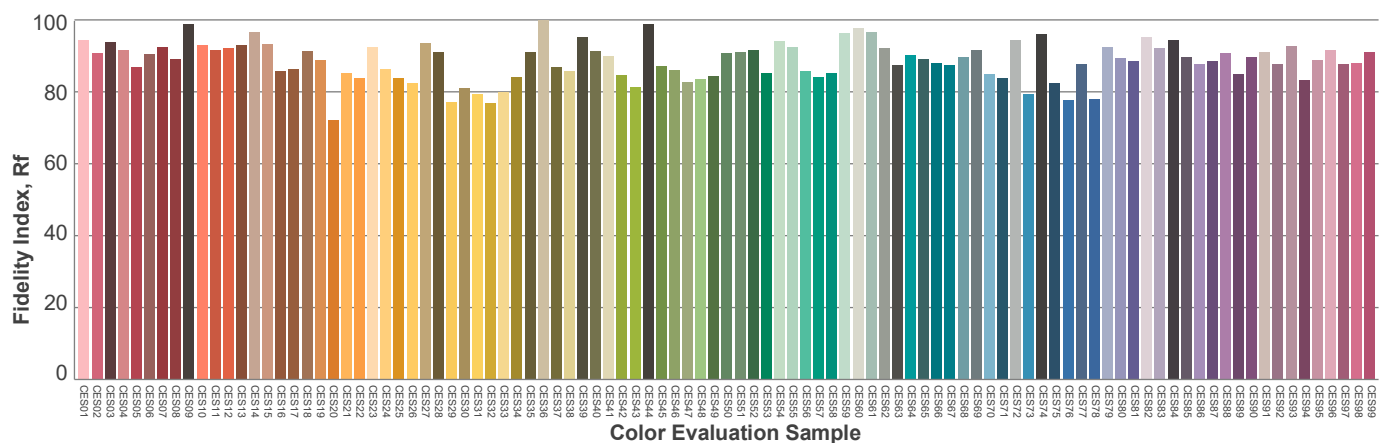
Red: 40.7%, Power=4.35mW

Blue: 5.7%, Power=1.19mW

Green: 23.7%, Power=4.70mW

UVA: 0.1%, Power=0.03mW

Dominant Wavelength: 584nm

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

Liteline Corporation – Richmond Hill, Canada – www.liteline.com Liteline Web -Downlights R1.6