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Liteline
Photometric Testing Report

Light efficiency:

84 Lumen/Watt

Color temperature:

3149 K

Light quality:

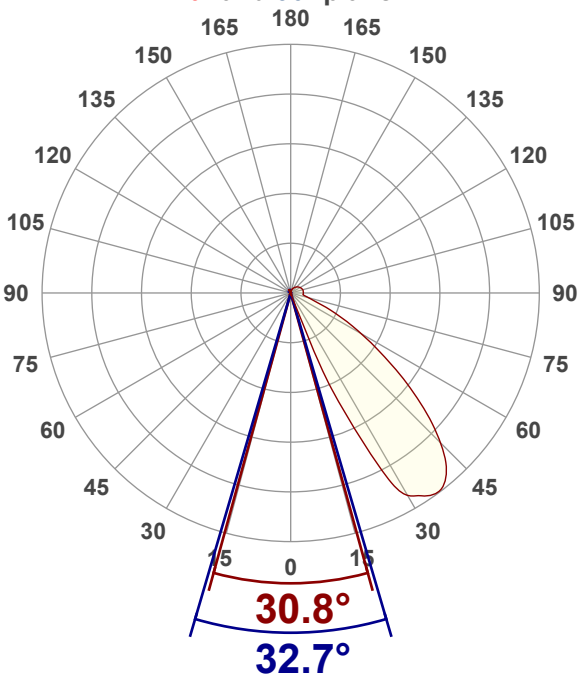
CRI:92.3, R_g:98.1, R_f:90.5
R9: 55.6 / P: 2 / V: - / F: 3

Output:	**145 lm**
Peak:	**282 cd**
Power:	**1.7 W**
Voltage:	**24.0 V**
Current:	**0.072 A**
PF:	**1.0**
THD:	**0 %**



Angular Distribution

0° and 90° plane



Product name:
FSL3-GYP-Q-2W30K

Test Date:
2026-09-17

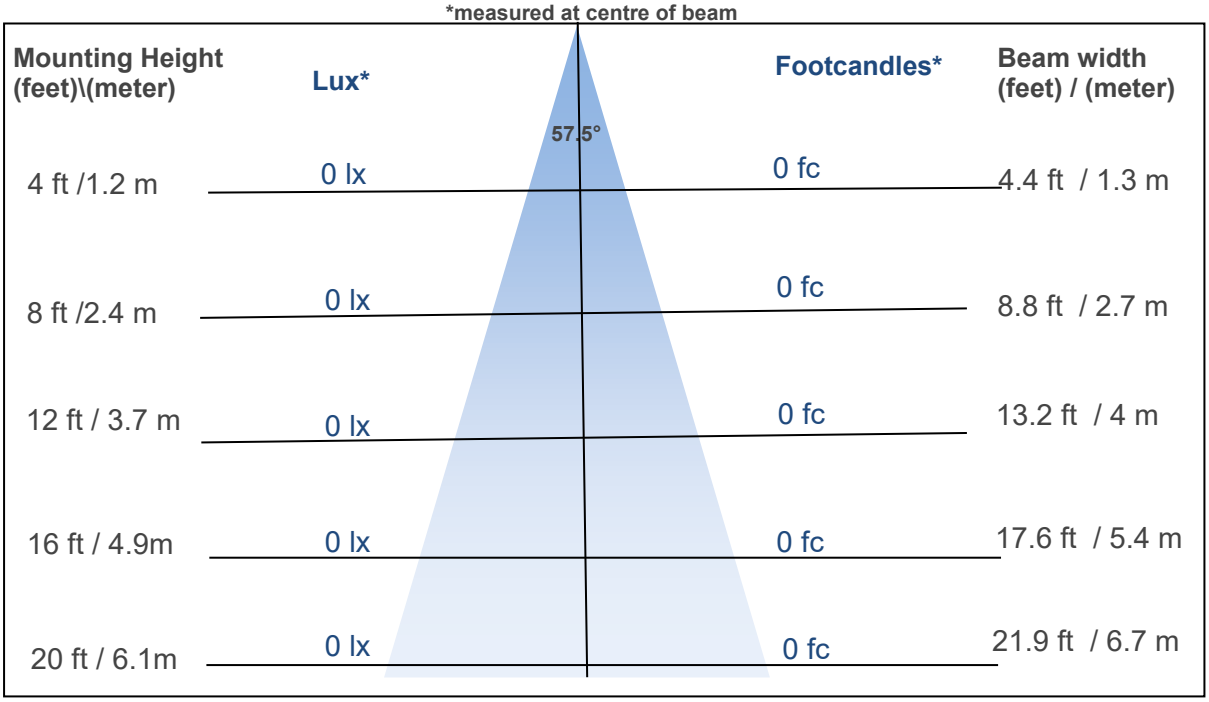
Beam Angle (50% of the brightness of the centre):
57.5°

Field Angle (10% of the brightness of the centre):
102.6°

Cut Off Angle (2.5% of the brightness of the centre):
173°

Beam Details

*measured at centre of beam



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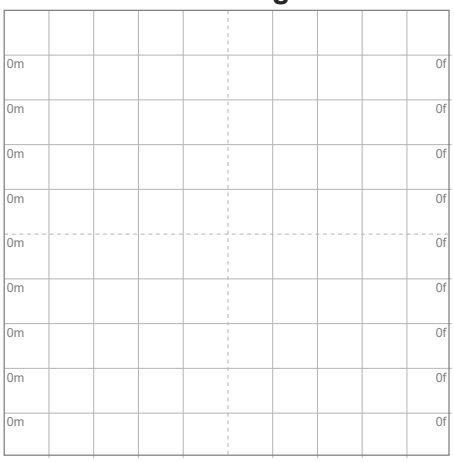
FSL3-GYP-Q-2W30K

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	13.3	9.17%
0-40	45.2	31.17%
0-60	99.6	68.69%
60-90	24.2	16.69%
70-100	16.7	11.52%
90-120	13.7	9.45%
0-90	124	85.52%
90-180	21.3	14.69%
0-180	145	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	0 lx
3%	0.00 lx
5%	0.00 lx
10%	0.00 lx
30%	0.00 lx
50%	0.00 lx

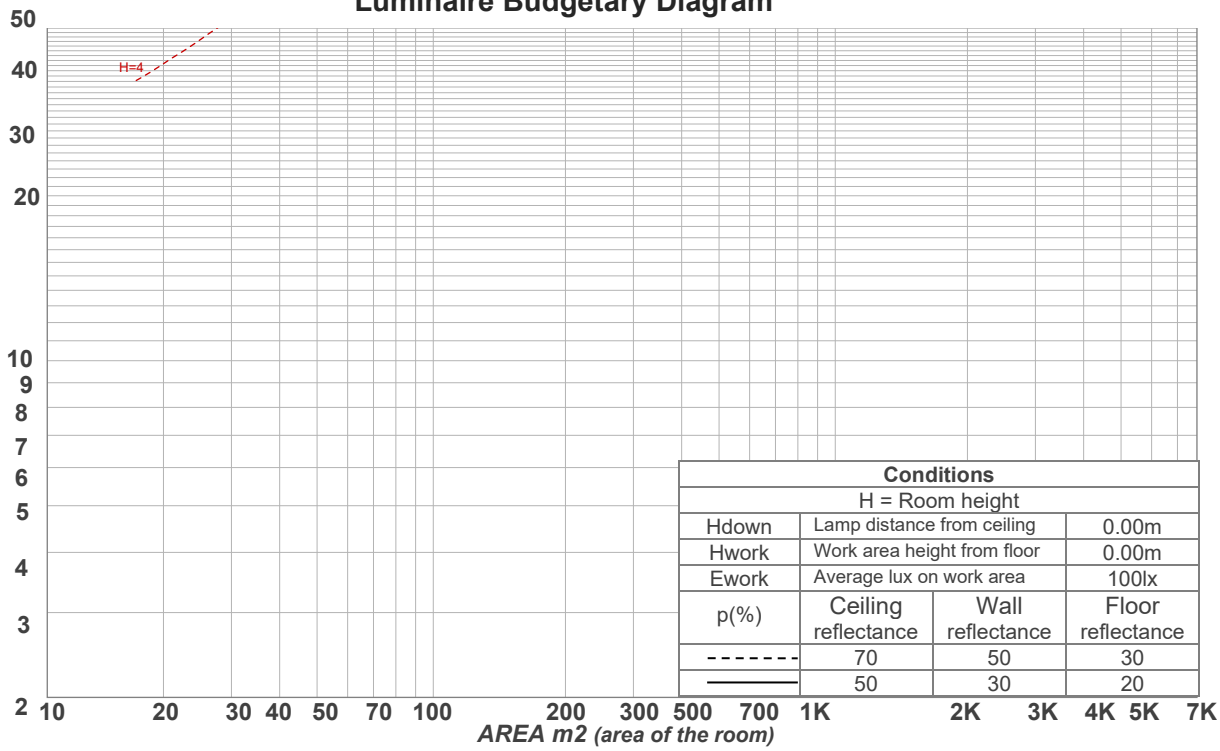
Conditions:
Number of planes: 32
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	116	116	116	116	111	111	111	111	103	103	103	95	95	95	89	89	89	85
1	105	100	95	91	100	96	92	88	89	86	83	82	80	78	77	75	73	70
2	95	86	79	73	91	83	76	71	77	72	67	71	67	63	66	63	60	57
3	86	75	66	59	82	72	64	58	67	60	55	62	57	52	58	53	50	47
4	78	65	56	49	74	63	54	48	58	51	46	54	48	43	50	45	41	39
5	70	57	48	41	67	55	46	40	51	44	38	48	41	36	44	39	35	32
6	64	50	41	34	61	49	40	34	45	38	32	42	36	31	39	34	29	27
7	59	45	36	29	56	43	35	28	40	33	27	37	31	26	35	29	25	23
8	54	40	31	25	52	39	30	24	36	29	23	34	27	22	31	26	21	19
9	50	36	27	21	48	35	26	21	32	25	20	30	24	19	28	22	18	16
10	46	32	24	18	44	31	23	18	29	22	17	27	21	16	25	20	16	14

Luminaire Budgetary Diagram

LAMPS (number of lamps)



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

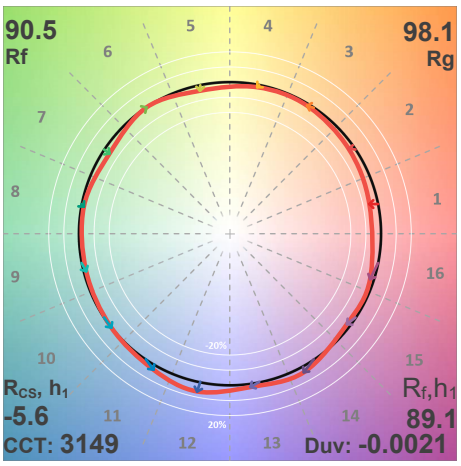
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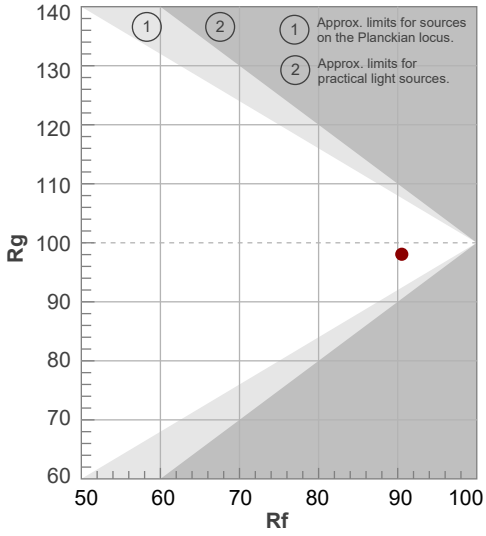
Liteline

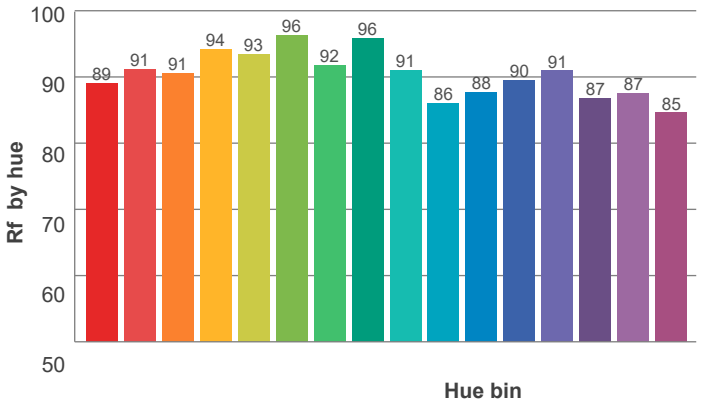
Photometric Testing Report

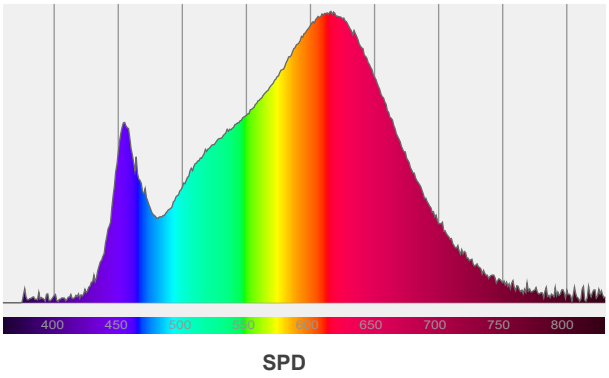
ANSI/IES TM-30-18 P: **2** / V: **-** / F: **3**

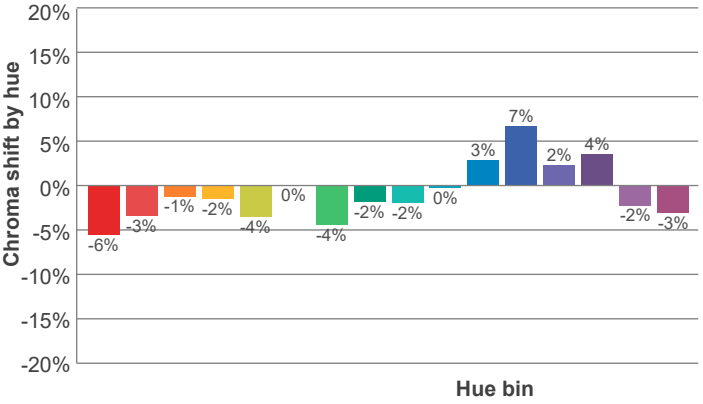


		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	89	-6%	1%
2	91	-3%	3%
3	91	-1%	4%
4	94	-2%	1%
5	93	-4%	1%
6	96	0%	0%
7	92	-4%	0%
8	96	-2%	1%
9	91	-2%	6%
10	86	0%	8%
11	88	3%	8%
12	90	7%	-1%
13	91	2%	-6%
14	87	4%	-10%
15	87	-2%	-7%
16	85	-3%	-11%









Red: 34.7%, Power=1.26mW

Blue: 10.7%, Power=1.07mW

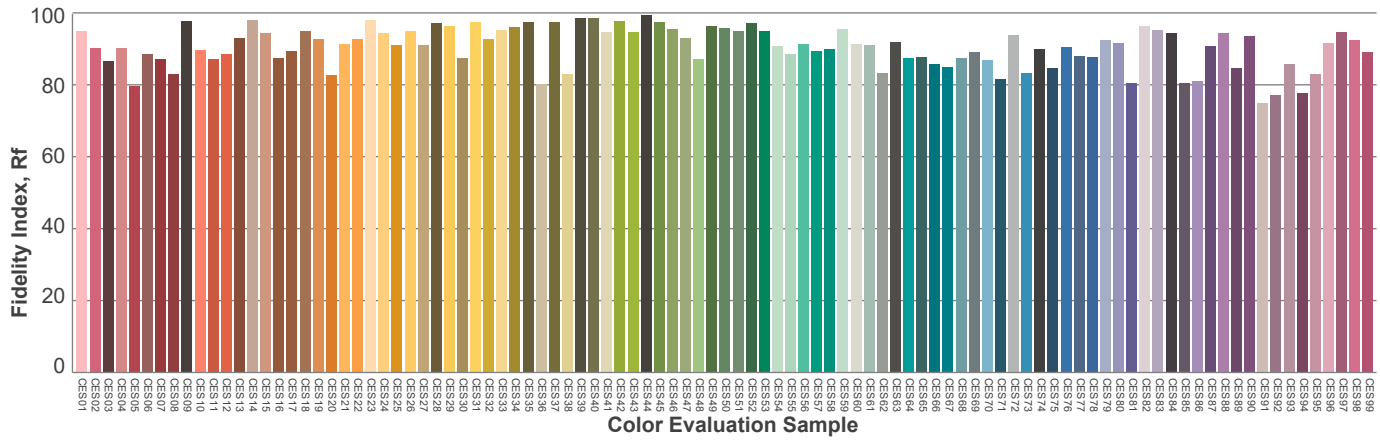
Green: 24.7%, Power=1.71mW

UVA: 0.3%, Power=0.01mW

Dominant Wavelength:584nm

1st Peak Wavelength: 616nm

2nd Peak Wavelength:455nm



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Glare Evaluation According to UGR

Corrected, comprehensive UGR table according to 117-1995, S/H ratio=0.25

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 H = mouting height above eye level 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				
Corrected glare indices referring to 145 lm total luminous flux										

UGR data could not be calculated due to missing/wrong symmetry. Go to Edit -> Photometric -> Corrections and select Correct asymmetry
UGR data could not be calculated due to missing/wrong symmetry. Go to Edit -> Photometric -> Corrections and select Correct asymmetry (UGR not defined for asymmetrical distributions)..

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