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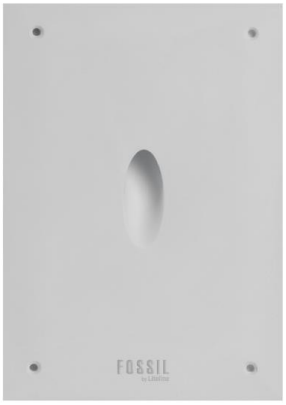
Liteline
Photometric Testing Report

Light efficiency:
73 Lumen/Watt

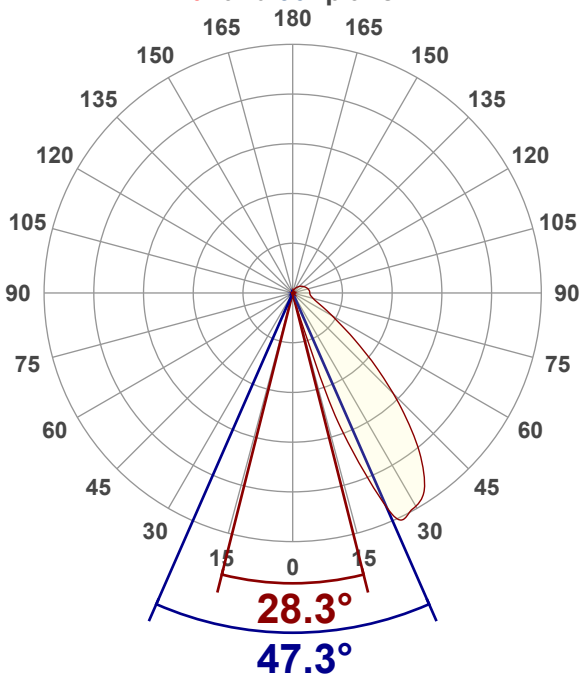
Color temperature:
3137 K

Light quality:
CRI:92.3, R_g:98.0, R_f:90.5
R9: 55.8 / P: 2 / V: - / F: 3

Output:	**127 lm**
Peak:	284 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-O-2W30K

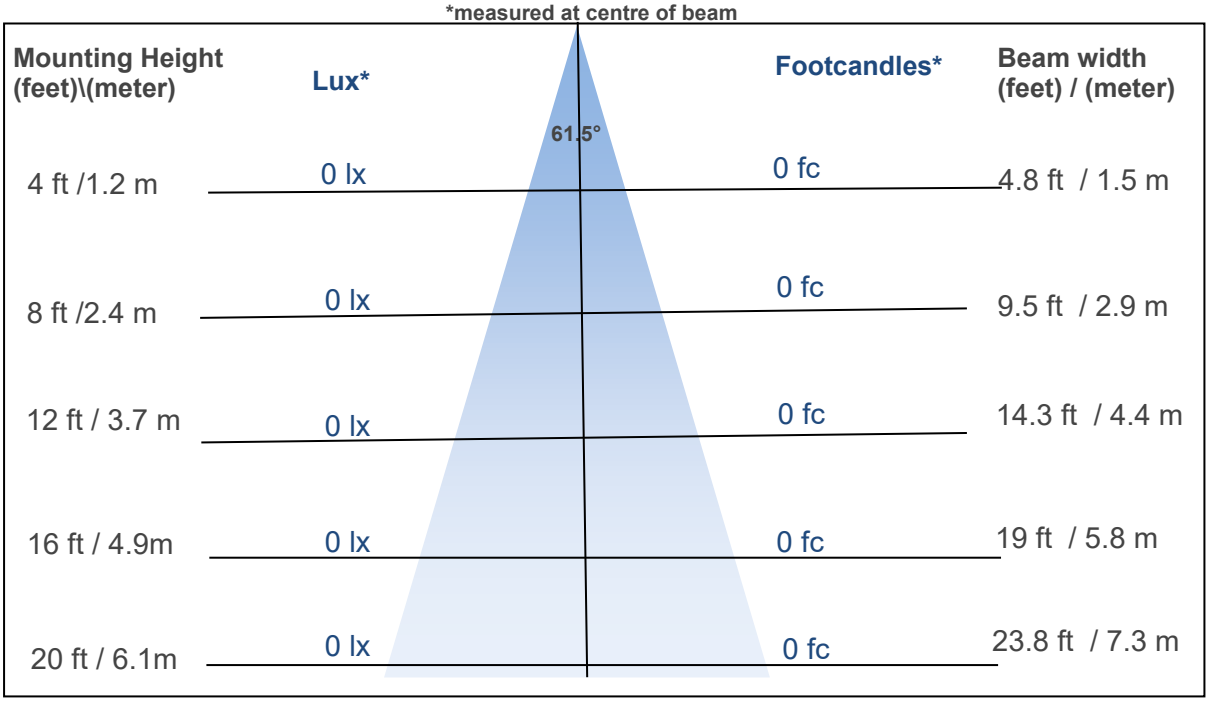
Test Date:
2026-09-16

Beam Angle (50% of the brightness of the centre):
61.5°

Field Angle (10% of the brightness of the centre):
117.5°

Cut Off Angle (2.5% of the brightness of the centre):
176.1°

Beam Details
*measured at centre of beam



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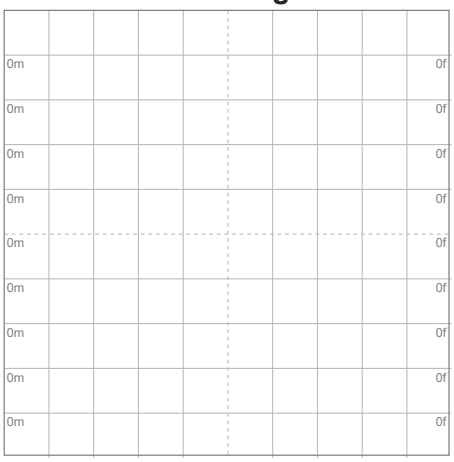
FSL3-GYP-O-2W30K

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	20.7	16.30%
0-40	47.3	37.24%
0-60	80.0	62.99%
60-90	21.8	17.17%
70-100	20.1	15.83%
90-120	17.1	13.46%
0-90	102	80.31%
90-180	25.1	19.76%
0-180	127	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

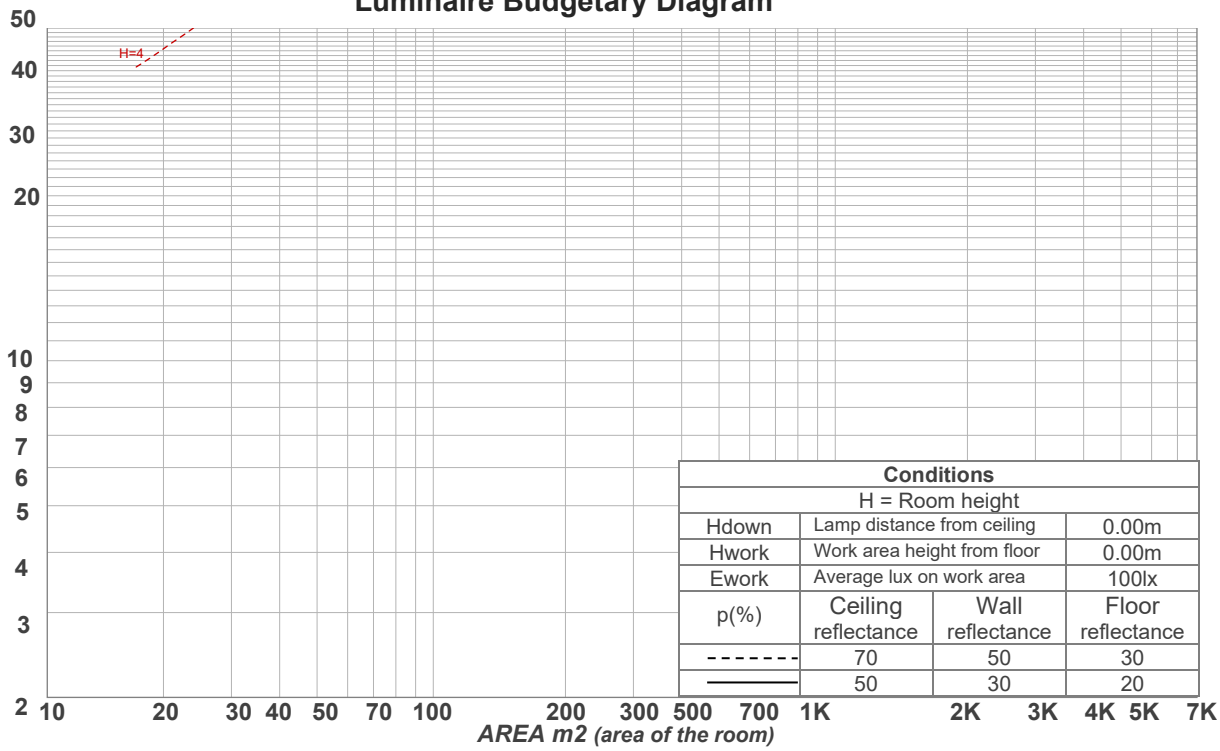
Conditions:
Number of planes: 32
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	114	114	114	114	109	109	109	109	100	100	100	92	92	92	84	84	84	80
1	103	98	93	89	98	94	90	86	86	82	79	79	76	74	72	70	68	65
2	94	85	78	72	89	82	75	70	75	70	65	69	65	61	63	60	57	54
3	85	75	66	60	81	72	64	58	66	60	55	60	55	51	55	51	48	45
4	78	66	57	50	74	63	55	49	58	52	46	54	48	44	49	45	41	38
5	71	59	50	43	68	56	48	42	52	45	40	48	42	37	44	39	35	33
6	65	52	43	37	62	50	42	36	46	39	34	43	37	32	40	34	30	28
7	60	47	38	32	57	45	37	31	42	35	30	39	33	28	36	30	27	24
8	56	42	34	28	53	41	33	27	38	31	26	35	29	24	32	27	23	21
9	52	38	30	24	49	37	29	24	34	27	23	32	26	22	29	24	20	18
10	48	35	27	21	46	33	26	21	31	25	20	29	23	19	27	22	18	16

***LAMPS** (number of lamps)*

Luminaire Budgetary Diagram



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

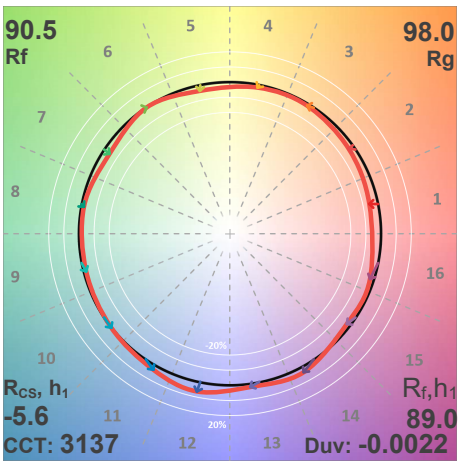
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FSL3-GYP-O-2W30K

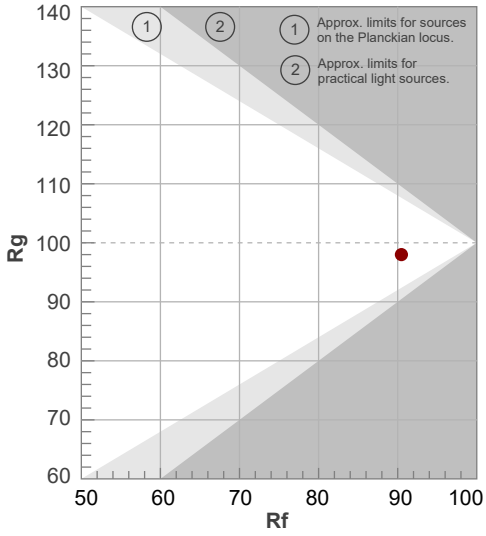
Liteline

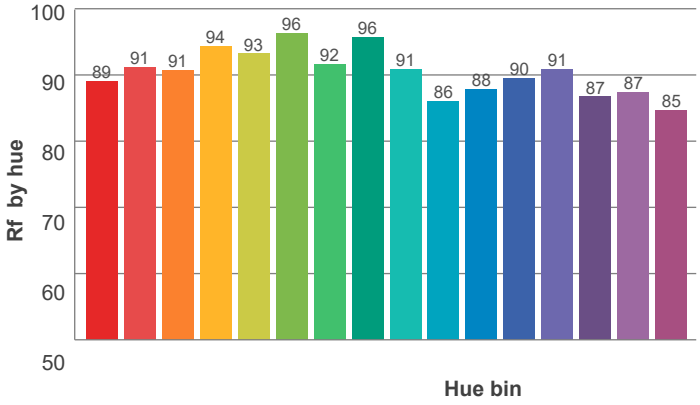
Photometric Testing Report

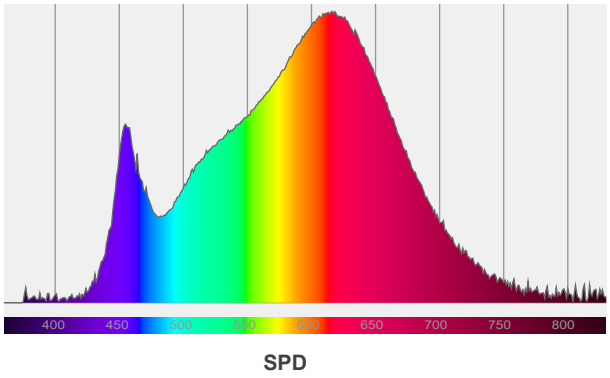
ANSI/IES TM-30-18 P: **2** / V: **-** / F: **3**

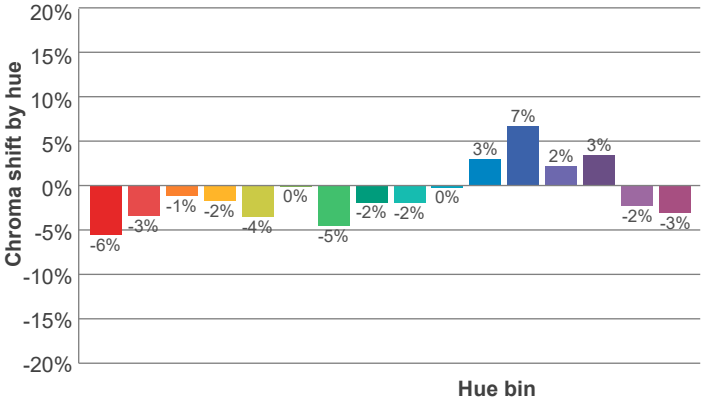


Hue Bin	R_f	Shifts (%) Chroma	Hue
1	89	-6%	1%
2	91	-3%	3%
3	91	-1%	4%
4	94	-2%	1%
5	93	-4%	1%
6	96	0%	-1%
7	92	-5%	0%
8	96	-2%	1%
9	91	-2%	6%
10	86	0%	8%
11	88	3%	8%
12	90	7%	-1%
13	91	2%	-6%
14	87	3%	-10%
15	87	-2%	-7%
16	85	-3%	-11%









Red: 34.8%, Power=1.11mW

Blue: 10.7%, Power=0.94mW

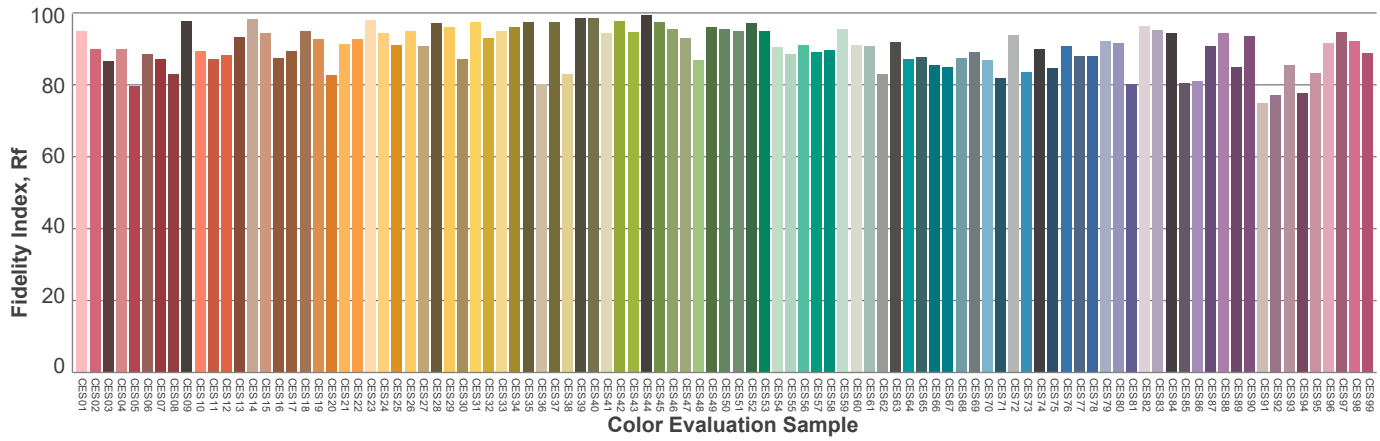
Green: 24.5%, Power=1.49mW

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 127 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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