

Light efficiency:

87 Lumen/Watt

Color temperature:

3085 K

Light quality:

CRI:91.7, R_g:90.5, R_f:98.2

P: 2 / V: - / F: 3

Output: 2282 lm

Peak: 20463 cd

Power: 26.3 W

Voltage: 118 V

Current: 0.226 A

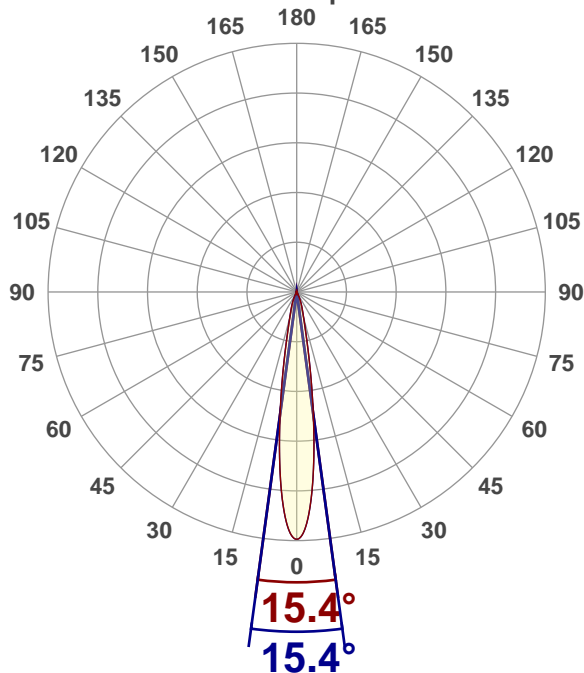
PF: 0.98

THD: 14.3 %



Angular Distribution

0° and 90° plane



Product name:

ATF7425-3015-90WH

Test Date:

12/1/2022

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

15.4°

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

31.2°

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

49.6°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	13766 lx	1279 fc	1.1 ft / 0.3 m
8 ft / 2.4 m	3442 lx	320 fc	2.2 ft / 0.7 m
12 ft / 3.7 m	1530 lx	142 fc	3.3 ft / 1 m
16 ft / 4.9 m	860 lx	80 fc	4.3 ft / 1.3 m
20 ft / 6.1 m	551 lx	51 fc	5.4 ft / 1.7 m

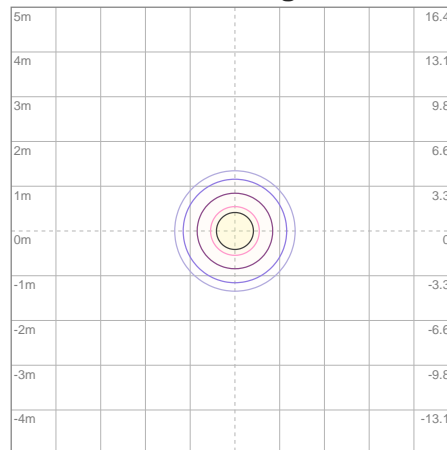
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	2090	91.59%
0-40	2149	94.17%
0-60	2232	97.81%
60-90	35.1	1.54%
70-100	14.8	0.65%
90-120	5.58	0.24%
0-90	2267	99.34%
90-180	14.6	0.64%
0-180	2282	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	2200 lx
3%	66.00 lx
5%	110.00 lx
10%	220.00 lx
30%	660.00 lx
50%	1100.00 lx

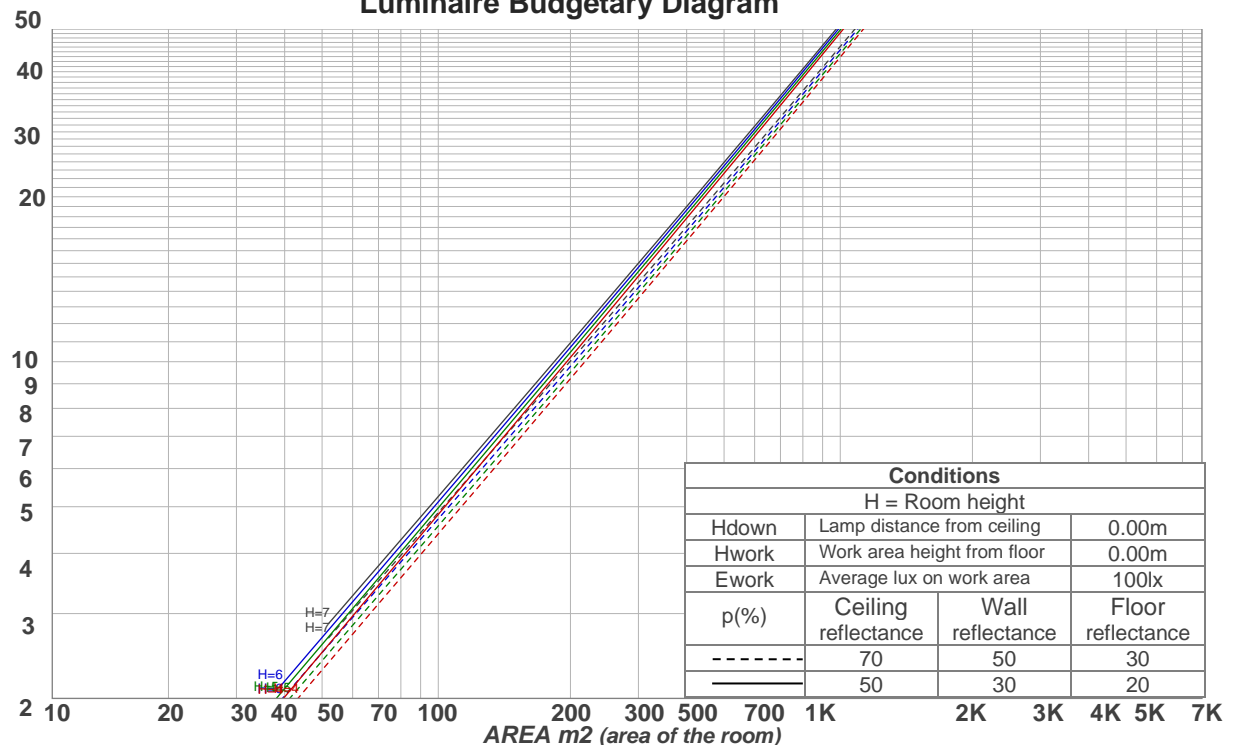
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	115	113	111	109	112	111	109	107	106	105	104	103	102	101	99	99	98	96
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	94	93
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90
4	105	100	96	93	103	98	95	92	96	93	91	94	92	90	93	91	89	88
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	86
6	99	93	89	87	98	93	89	86	91	88	86	90	87	85	89	87	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82	86	83	81	86	83	81	80
9	93	87	83	80	92	86	83	80	85	82	80	85	82	80	84	81	79	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	82	80	78	77

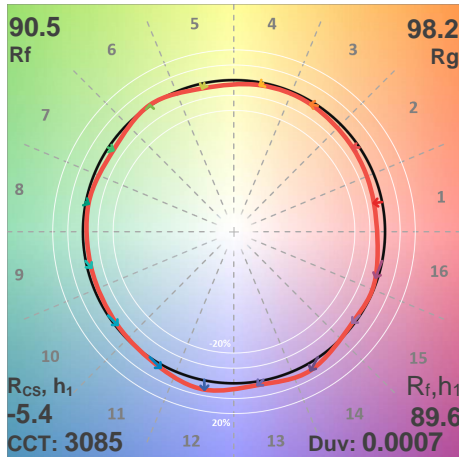
LAMPS (number of lamps)

Luminaire Budgetary Diagram

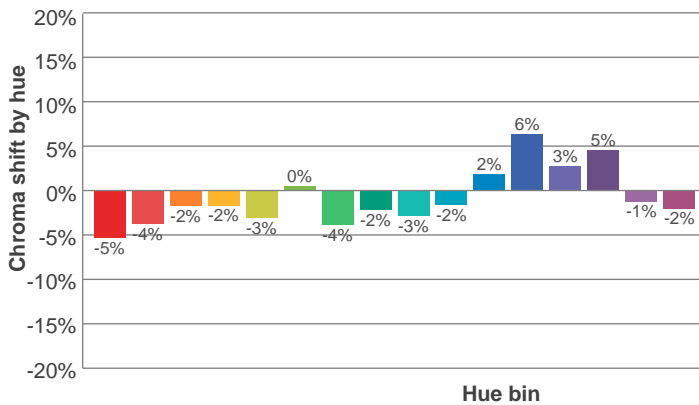
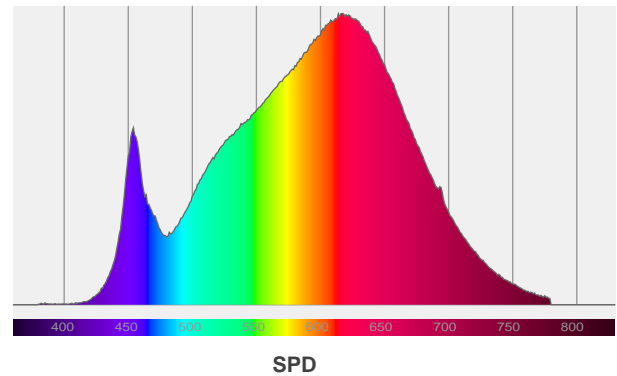
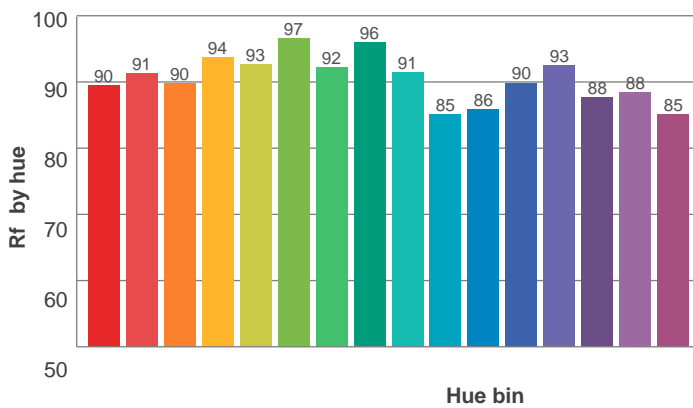
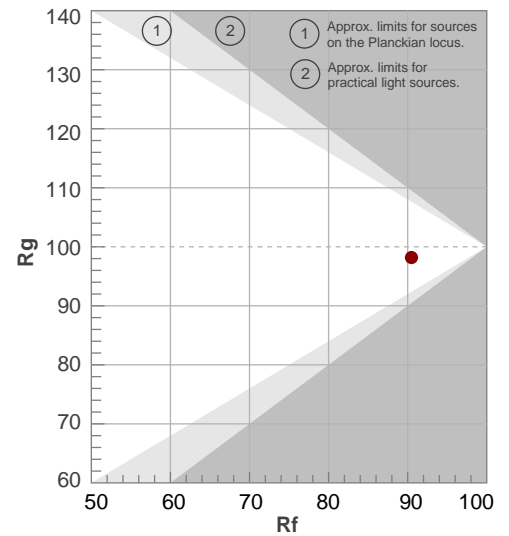


ANSI/IES TM-30-18

P: 2 / V: - / F: 3



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	90	-5%	0%
2	91	-4%	3%
3	90	-2%	5%
4	94	-2%	2%
5	93	-3%	2%
6	97	0%	0%
7	92	-4%	-1%
8	96	-2%	1%
9	91	-3%	5%
10	85	-2%	9%
11	86	2%	10%
12	90	6%	1%
13	93	3%	-4%
14	88	5%	-9%
15	88	-1%	-7%
16	85	-2%	-11%



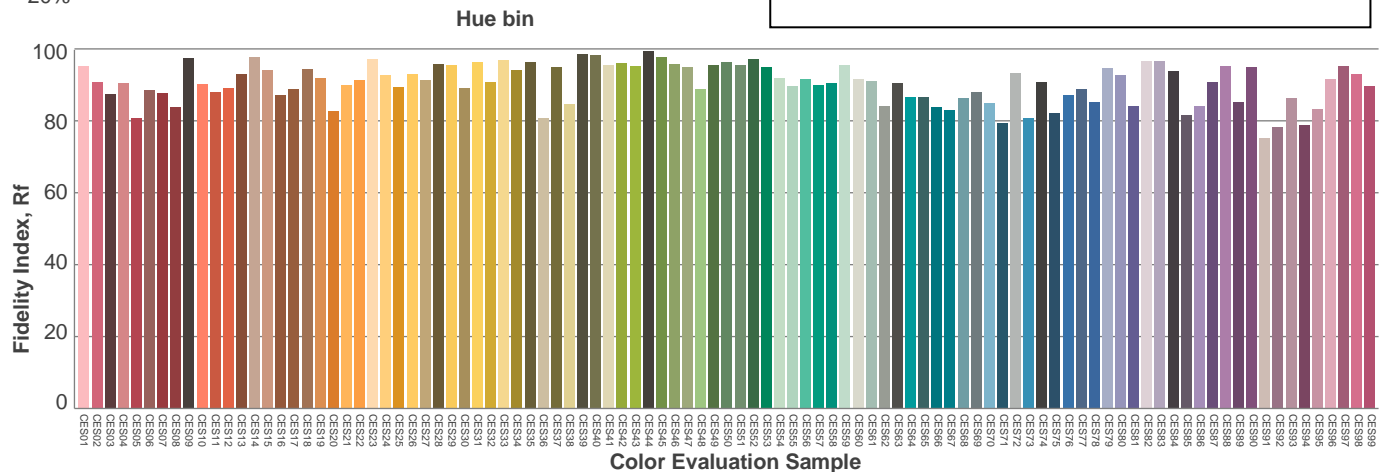
Red: 37.3%, Power=22.6mW

Blue: 9.3%, Power=13.5mW

Green: 25%, Power=27.6mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 583nm

1st Peak Wavelength: 617nm2nd Peak Wavelength: 454nm

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	14.7	15.1	14.8	15.3	15.5	14.7	15.1	14.8	15.3	15.5
	3H	15.4	15.9	15.8	16.1	16.3	15.4	15.9	15.8	16.1	16.3
	4H	15.7	16.2	16.1	16.4	16.7	15.7	16.2	16.1	16.4	16.7
	6H	15.9	16.3	16.2	16.6	17.0	15.9	16.3	16.2	16.6	17.0
	8H	15.9	16.3	16.2	16.6	17.0	15.9	16.3	16.2	16.6	17.0
	12H	15.9	16.3	16.2	16.7	17.1	15.9	16.3	16.2	16.7	17.1
4H	2H	15.0	15.5	15.4	15.7	16.0	15.0	15.5	15.4	15.7	16.0
	3H	16.0	16.4	16.4	16.8	17.2	16.0	16.4	16.4	16.8	17.2
	4H	16.3	16.7	16.7	17.1	17.7	16.3	16.7	16.7	17.1	17.7
	6H	16.5	17.0	17.0	17.3	17.6	16.5	17.0	17.0	17.3	17.6
	8H	16.5	17.0	17.1	17.3	17.7	16.5	17.0	17.1	17.3	17.7
	12H	16.6	16.9	17.1	17.3	17.8	16.6	16.9	17.1	17.3	17.8
8H	4H	16.4	16.8	16.9	17.2	17.5	16.4	16.8	16.9	17.2	17.5
	6H	16.7	16.9	17.2	17.4	17.9	16.7	16.9	17.2	17.4	17.9
	8H	16.8	17.0	17.3	17.5	18.1	16.8	17.0	17.3	17.5	18.1
	12H	16.9	17.0	17.5	17.6	18.2	16.9	17.0	17.5	17.6	18.2
12H	4H	16.3	16.7	16.9	17.1	17.5	16.3	16.7	16.9	17.1	17.5
	6H	16.7	16.9	17.2	17.4	18.1	16.7	16.9	17.2	17.4	18.1
	8H	16.8	16.9	17.4	17.5	18.1	16.8	16.9	17.4	17.5	18.1
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.2 / -0.3					0.2 / -0.3				
S = 1.5H		0.4 / -0.6					0.4 / -0.6				
S = 2.0H		1.0 / -1.3					1.0 / -1.3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 2282 lm total luminous flux											