

Light efficiency:

100 Lumen/Watt

Color temperature:

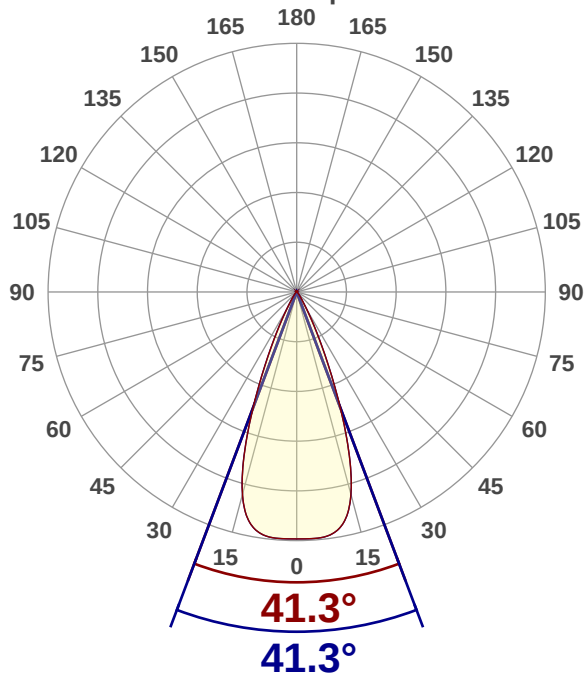
3060 K

Light quality:

CRI:90.7, R_g:89.4, R_f:102.3**P: 2 / V: - / F: 3****Output: 1602 lm****Peak: 3348 cd****Power: 16.1 W****Voltage: 120 V****Current: 0.134 A****PF: 0.9****THD: n/a %**

Angular Distribution

0° and 90° plane



Product name:

H3T-1430M00CXN-RM1

Test Date:

2021-06-18

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

41.3°

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

58.2°

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

73.3°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	2251 lx	209 fc	3 ft / 0.9 m
8 ft / 2.4 m	563 lx	52 fc	6 ft / 1.8 m
12 ft / 3.7 m	250 lx	23 fc	9 ft / 2.8 m
16 ft / 4.9 m	141 lx	13 fc	12.1 ft / 3.7 m
20 ft / 6.1 m	90 lx	8 fc	15.1 ft / 4.6 m

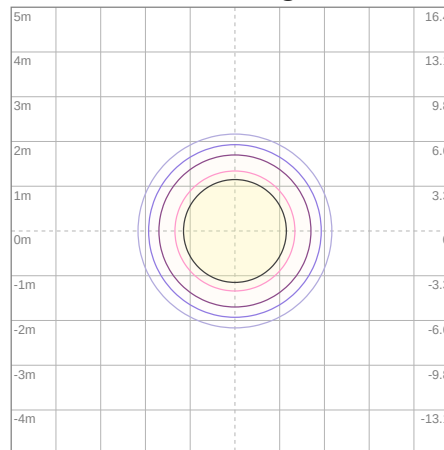
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1458	91.01%
0-40	1533	95.69%
0-60	1564	97.63%
60-90	14.2	0.89%
70-100	11.8	0.74%
90-120	9.44	0.59%
0-90	1579	98.56%
90-180	23.5	1.47%
0-180	1602	100.00%

ISO Lux Diagram



Lux at center:	360 lx
3%	10.80 lx
5%	18.00 lx
10%	36.00 lx
30%	108.00 lx
50%	180.00 lx

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

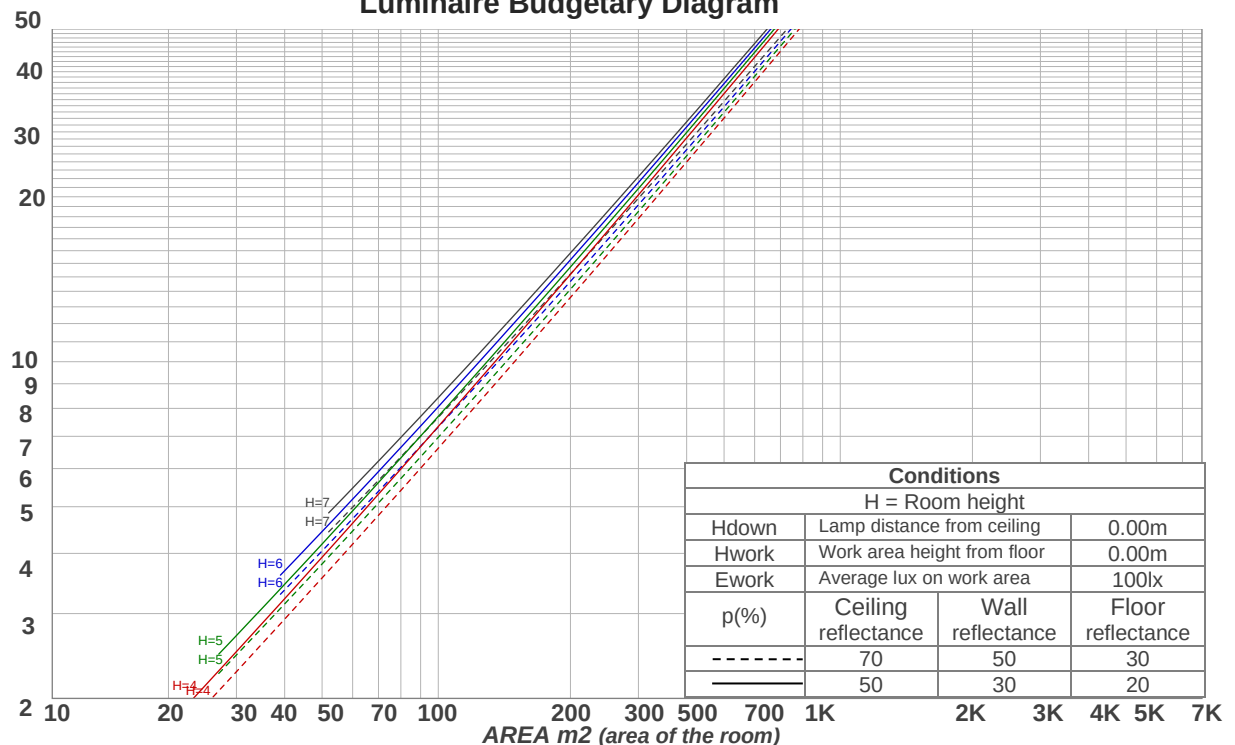
Mounting height: 3.05 meters (10 feet)

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	114	112	109	107	111	109	107	106	105	103	102	101	100	99	97	97	96	94
2	109	105	102	99	107	104	100	98	100	98	95	97	95	93	94	93	91	89
3	105	100	96	92	103	98	95	92	96	93	90	93	91	88	91	89	87	85
4	101	95	90	87	99	94	90	86	92	88	85	90	87	84	88	85	83	82
5	97	91	86	82	96	90	85	82	88	84	81	86	83	80	85	82	80	78
6	94	87	82	78	93	86	81	78	84	80	77	83	79	77	82	79	76	75
7	91	83	78	75	89	82	78	75	81	77	74	80	76	74	79	76	73	72
8	87	80	75	72	86	79	75	71	78	74	71	77	73	71	76	73	70	69
9	84	77	72	69	83	76	72	68	75	71	68	74	71	68	73	70	68	67
10	82	74	69	66	81	73	69	66	72	68	66	72	68	65	71	68	65	64

LAMPS (number of lamps)

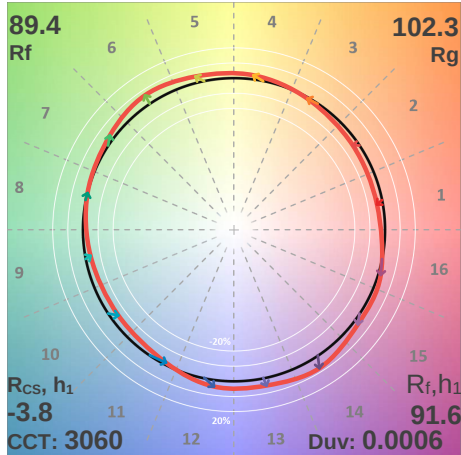
Luminaire Budgetary Diagram



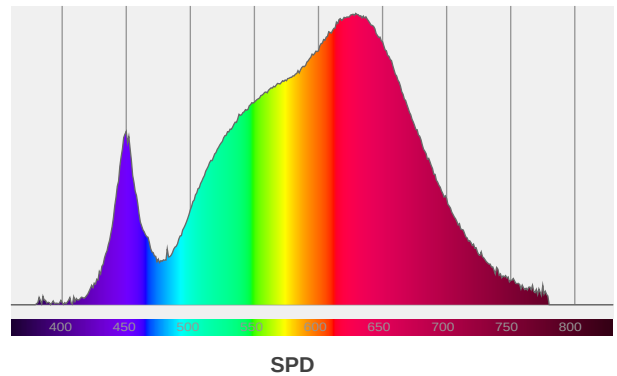
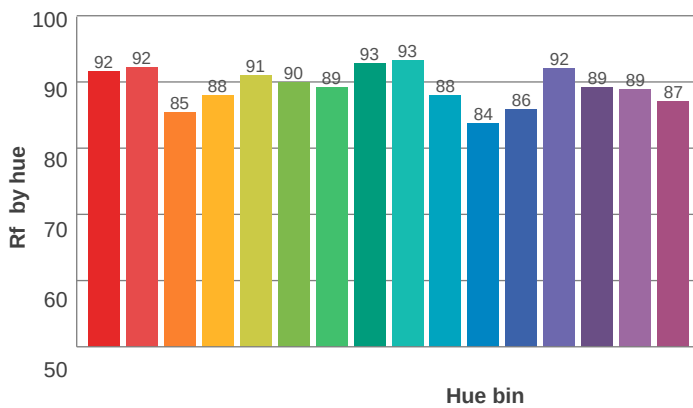
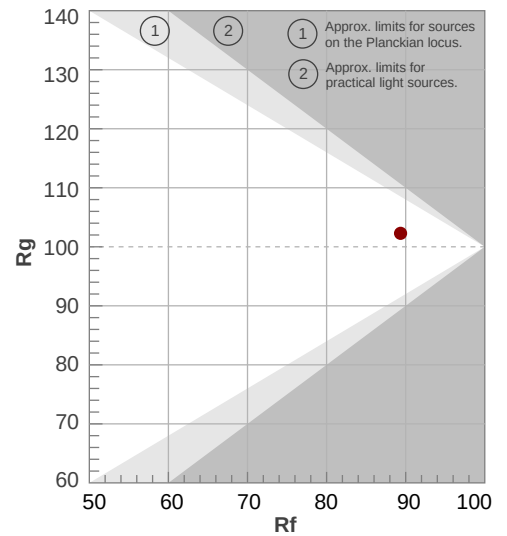
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 3



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-2%
2	92	-4%	3%
3	85	-1%	8%
4	88	3%	7%
5	91	4%	5%
6	90	6%	-1%
7	89	3%	-6%
8	93	0%	-5%
9	93	-4%	-1%
10	88	-5%	5%
11	84	-2%	12%
12	86	4%	7%
13	92	5%	1%
14	89	8%	-4%
15	89	3%	-6%
16	87	1%	-10%



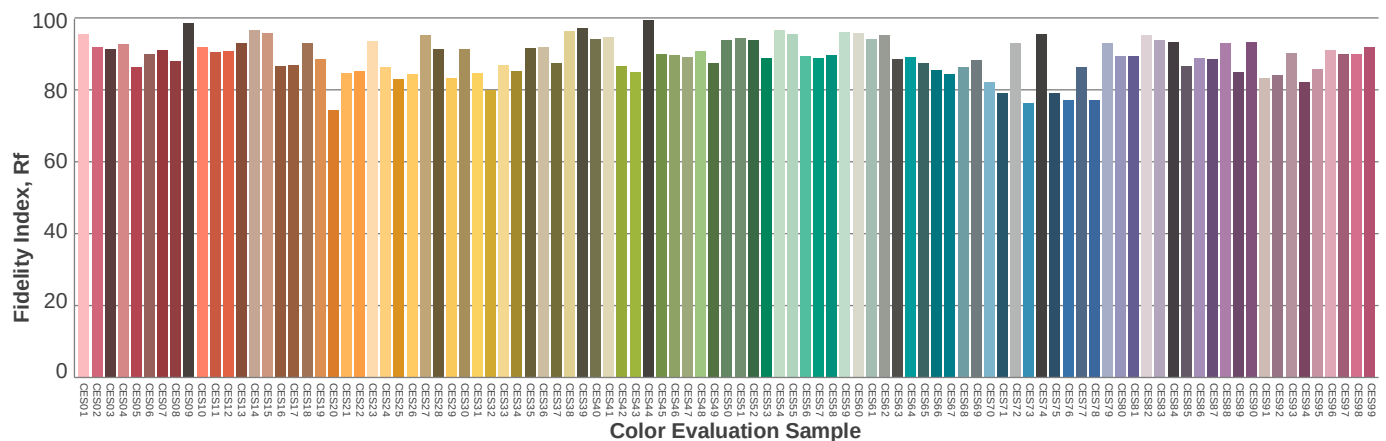
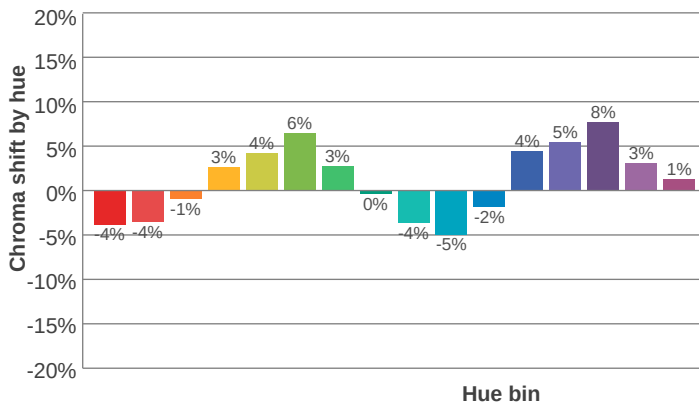
Red: 39.7%, Power=17.8mW

Blue: 6.8%, Power=5.7mW

Green: 24.7%, Power=20.5mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength: 583nm

1st Peak Wavelength: 629nm2nd Peak Wavelength: 450nm

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	10.6	11.0	10.7	11.3	11.5	10.6	11.0	10.7	11.3	11.5
	3H	10.7	11.3	11.0	11.5	11.7	10.7	11.3	11.0	11.5	11.7
	4H	10.9	11.5	11.3	11.8	12.0	10.9	11.5	11.3	11.8	12.0
	6H	11.4	11.8	11.7	12.2	12.5	11.4	11.8	11.7	12.2	12.5
	8H	11.6	12.1	12.0	12.5	12.9	11.6	12.1	12.0	12.5	12.9
	12H	12.0	12.5	12.4	12.9	13.3	12.0	12.5	12.4	12.9	13.3
4H	2H	10.3	10.9	10.7	11.2	11.4	10.3	10.9	10.7	11.2	11.4
	3H	10.8	11.3	11.2	11.7	12.1	10.8	11.3	11.2	11.7	12.1
	4H	11.1	11.6	11.6	12.0	12.6	11.1	11.6	11.6	12.0	12.6
	6H	11.8	12.3	12.3	12.6	13.0	11.8	12.3	12.3	12.6	13.0
	8H	12.2	12.6	12.7	13.0	13.4	12.2	12.6	12.7	13.0	13.4
	12H	12.8	13.1	13.3	13.5	14.0	12.8	13.1	13.3	13.5	14.0
8H	4H	11.3	11.7	11.8	12.1	12.5	11.3	11.7	11.8	12.1	12.5
	6H	12.2	12.5	12.7	12.9	13.5	12.2	12.5	12.7	12.9	13.5
	8H	12.8	13.1	13.4	13.6	14.3	12.8	13.1	13.4	13.6	14.3
	12H	13.7	13.9	14.3	14.4	15.0	13.7	13.9	14.3	14.4	15.0
12H	4H	11.3	11.7	11.8	12.1	12.6	11.3	11.7	11.8	12.1	12.6
	6H	12.3	12.6	12.9	13.1	13.7	12.3	12.6	12.9	13.1	13.7
	8H	13.0	13.2	13.7	13.8	14.4	13.0	13.2	13.7	13.8	14.4
Variation of the observer position for the luminaire distance S											
S = 1.0H		1.9 / -0.8					1.9 / -0.8				
S = 1.5H		3.7 / -0.9					3.7 / -0.9				
S = 2.0H		5.2 / -1.0					5.2 / -1.0				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1602 lm total luminous flux											