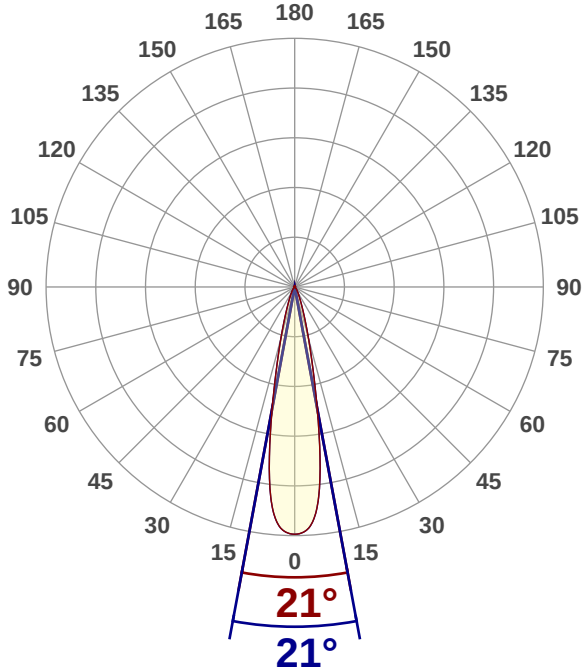


Light efficiency:**104 Lumen/Watt****Color temperature:****3062 K****Light quality:****CRI:90.6, R_g:89.0, R_f:102.4****P: 2 / V: - / F: 3****Output: 948 lm****Peak: 5263 cd****Power: 9.1 W****Voltage: 120 V****Current: 0.076 A****PF: 0.9****THD: n/a %****Angular Distribution****0° and 90° plane****Product name:****H3T-1030N00CXN-RM1****Test Date:****2021-06-21****Beam Angle (50% of the brightness of the centre):****21°****Field Angle (10% of the brightness of the centre):****38.6°****Cut Off Angle (2.5% of the brightness of the centre):****59.9°****Beam Details*****measured at centre of beam**

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	3541 lx	329 fc	1.5 ft / 0.5 m
8 ft / 2.4 m	885 lx	82 fc	3 ft / 0.9 m
12 ft / 3.7 m	393 lx	37 fc	4.4 ft / 1.4 m
16 ft / 4.9 m	221 lx	21 fc	5.9 ft / 1.8 m
20 ft / 6.1 m	142 lx	13 fc	7.4 ft / 2.3 m

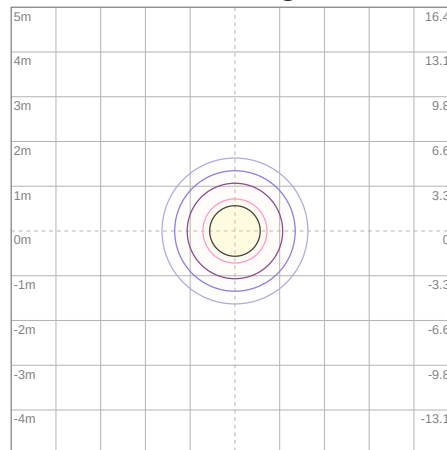
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	851	89.77%
0-40	903	95.25%
0-60	929	98.00%
60-90	9.14	0.96%
70-100	6.27	0.66%
90-120	4.15	0.44%
0-90	938	98.95%
90-180	10.2	1.08%
0-180	948	100.00%

ISO Lux Diagram



Lux at center:	566 lx
3%	16.98 lx
5%	28.30 lx
10%	56.60 lx
30%	169.80 lx
50%	283.00 lx

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

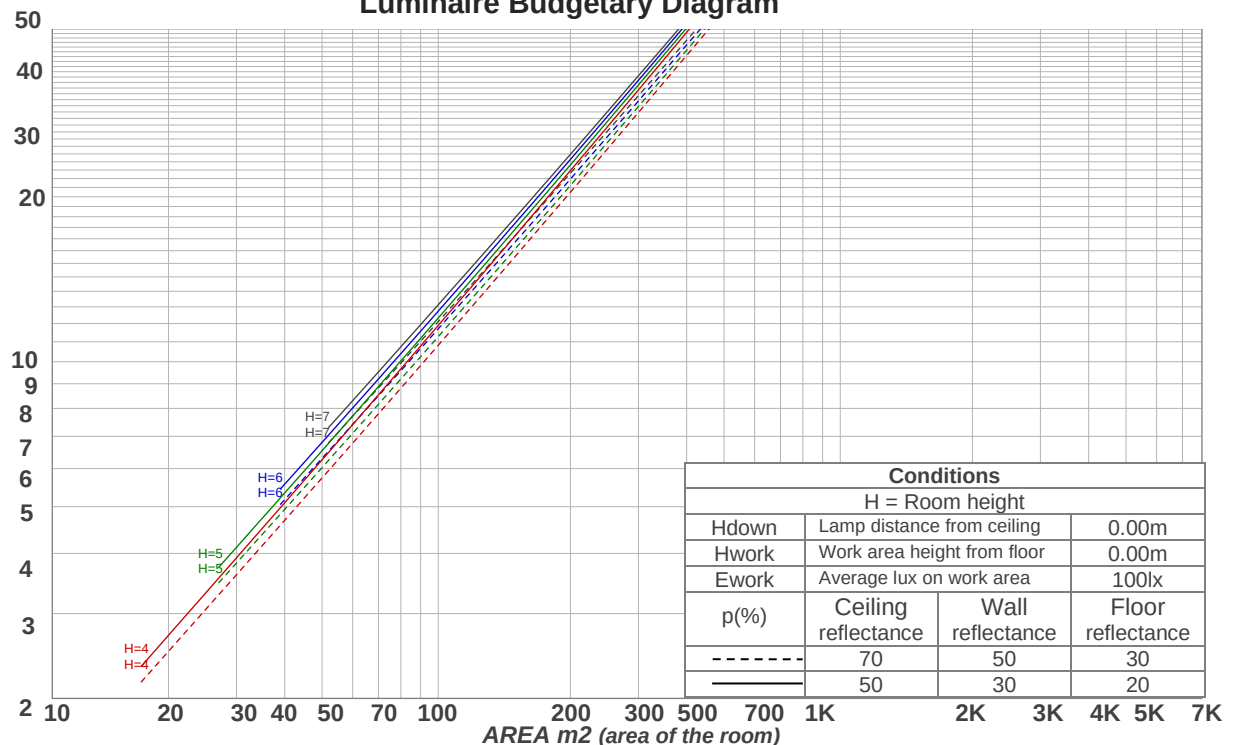
Mounting height: 3.05 meters (10 feet)

Coefficients of Utilization

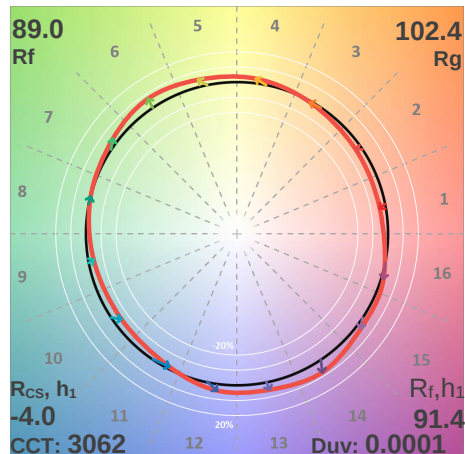
Ceiling reflectance	80				70				50			30			10			0
Wall reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Floor reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
RCR	(RCR: Room Cavity Ratio) Room Values are expressed as percentage of Lumens delivered to the task surface																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	115	112	110	109	112	110	108	107	106	105	103	102	101	100	99	98	97	95
2	111	107	104	101	109	105	103	100	102	100	98	99	97	96	96	95	94	92
3	107	102	99	96	105	101	98	95	98	96	93	96	94	92	94	92	90	89
4	104	98	94	91	102	97	94	91	95	92	90	93	91	89	91	89	87	86
5	101	95	91	88	99	94	90	87	92	89	86	91	88	86	89	87	85	84
6	98	92	88	85	97	91	87	84	90	86	84	88	85	83	87	84	82	81
7	95	89	85	82	94	88	84	82	87	84	81	86	83	81	85	82	80	79
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	81	78	76	75
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	79	77	75	74

LAMPS (number of lamps)

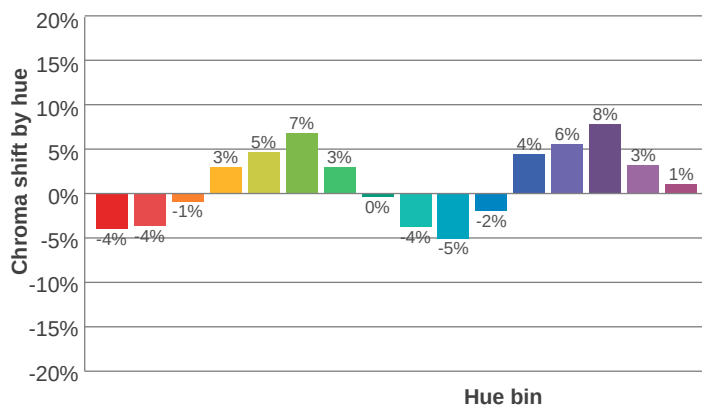
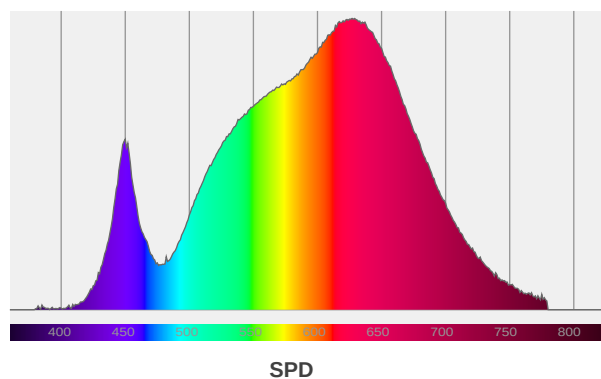
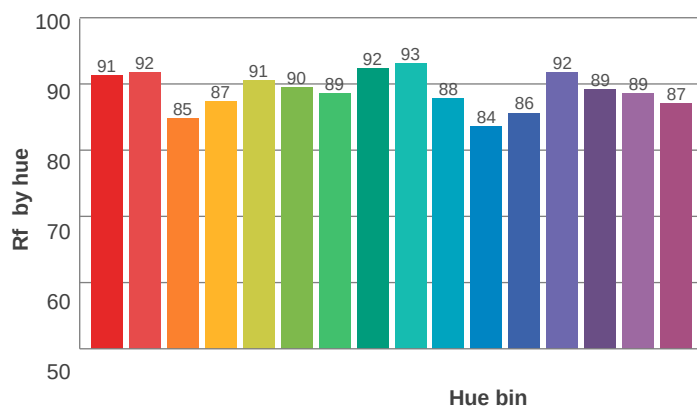
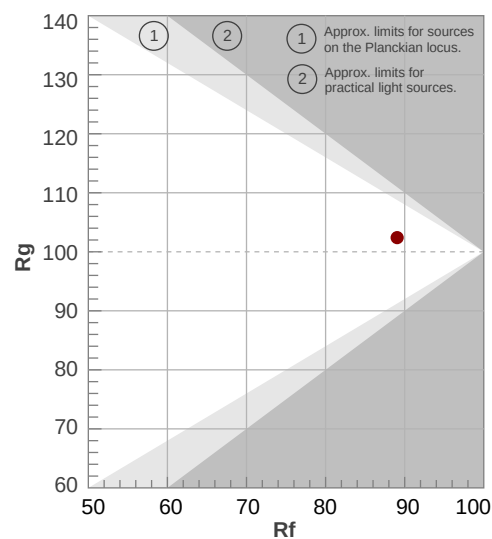
Luminaire Budgetary Diagram



Photometric Testing Report



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



Red: 39.6%, Power=10.5mW

Blue: 6.8%, Power=3.5mW

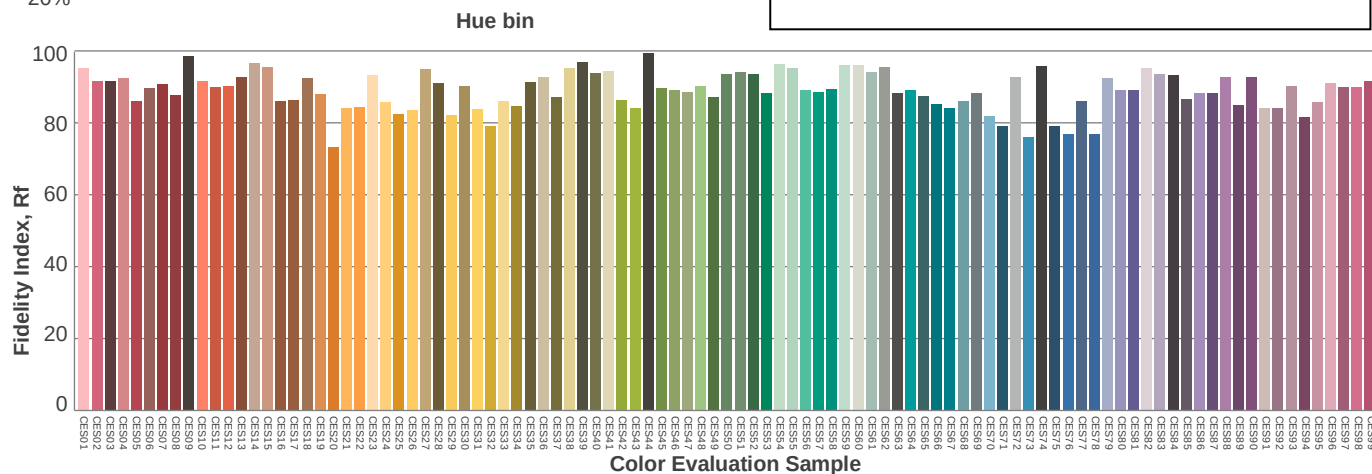
Green: 24.6%, Power=12.2mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength:583nm

1st Peak Wavelength: 627nm

2nd 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	10.3	10.7	10.4	10.9	11.1	10.3	10.7	10.4	10.9	11.1
	3H	10.4	11.0	10.8	11.2	11.3	10.4	11.0	10.8	11.2	11.3
	4H	10.6	11.1	11.0	11.4	11.6	10.6	11.1	11.0	11.4	11.6
	6H	10.9	11.3	11.2	11.6	12.0	10.9	11.3	11.2	11.6	12.0
	8H	11.0	11.4	11.3	11.7	12.1	11.0	11.4	11.3	11.7	12.1
	12H	11.1	11.5	11.5	11.9	12.3	11.1	11.5	11.5	11.9	12.3
4H	2H	10.1	10.6	10.5	10.9	11.1	10.1	10.6	10.5	10.9	11.1
	3H	10.5	11.0	10.9	11.3	11.8	10.5	11.0	10.9	11.3	11.8
	4H	10.8	11.2	11.2	11.6	12.2	10.8	11.2	11.2	11.6	12.2
	6H	11.1	11.6	11.7	11.9	12.3	11.1	11.6	11.7	11.9	12.3
	8H	11.3	11.8	11.9	12.1	12.5	11.3	11.8	11.9	12.1	12.5
	12H	11.6	11.9	12.1	12.3	12.8	11.6	11.9	12.1	12.3	12.8
8H	4H	10.9	11.3	11.4	11.6	12.0	10.9	11.3	11.4	11.6	12.0
	6H	11.4	11.6	11.9	12.1	12.7	11.4	11.6	11.9	12.1	12.7
	8H	11.7	11.9	12.3	12.5	13.1	11.7	11.9	12.3	12.5	13.1
	12H	12.1	12.3	12.7	12.8	13.4	12.1	12.3	12.7	12.8	13.4
12H	4H	10.8	11.2	11.4	11.6	12.1	10.8	11.2	11.4	11.6	12.1
	6H	11.5	11.7	12.0	12.2	12.8	11.5	11.7	12.0	12.2	12.8
	8H	11.8	12.0	12.4	12.5	13.1	11.8	12.0	12.4	12.5	13.1
Variation of the observer position for the luminaire distance S											
S = 1.0H		1.9 / -1.3					1.9 / -1.3				
S = 1.5H		3.8 / -1.5					3.8 / -1.5				
S = 2.0H		5.4 / -1.7					5.4 / -1.7				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 948 lm total luminous flux											