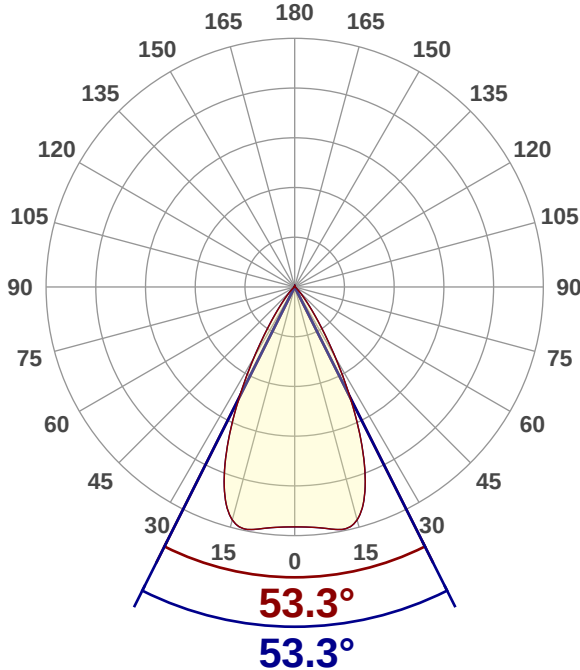


Light efficiency:**84 Lumen/Watt****Color temperature:****3036 K****Light quality:****CRI:90.7, R_g:89.2, R_f:102.2****P: 2 / V: - / F: 3****Output: 1779 lm****Peak: 2294 cd****Power: 21.2 W****Voltage: 120 V****Current: 0.177 A****PF: 0.9****THD: n/a %****Angular Distribution****0° and 90° plane****Product name:****H3T-1830W00CXN-RM1****Test Date:****2021-06-21****Beam Angle (50% of the brightness of the centre):****53.3°****Field Angle (10% of the brightness of the centre):****74.6°****Cut Off Angle (2.5% of the brightness of the centre):****90.8°****Beam Details*****measured at centre of beam**

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1499 lx	139 fc	4 ft / 1.2 m
8 ft / 2.4 m	375 lx	35 fc	8 ft / 2.4 m
12 ft / 3.7 m	167 lx	15 fc	12 ft / 3.7 m
16 ft / 4.9 m	94 lx	9 fc	16.1 ft / 4.9 m
20 ft / 6.1 m	60 lx	6 fc	20.1 ft / 6.1 m

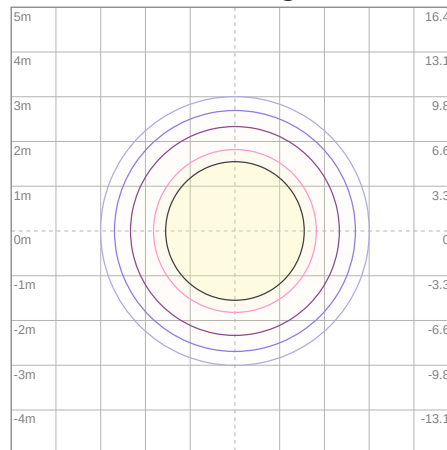
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1437	80.78%
0-40	1667	93.70%
0-60	1732	97.36%
60-90	20.4	1.15%
70-100	15.1	0.85%
90-120	10.9	0.61%
0-90	1752	98.48%
90-180	26.2	1.47%
0-180	1779	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	240 lx
3%	7.20 lx
5%	12.00 lx
10%	24.00 lx
30%	72.00 lx
50%	120.00 lx

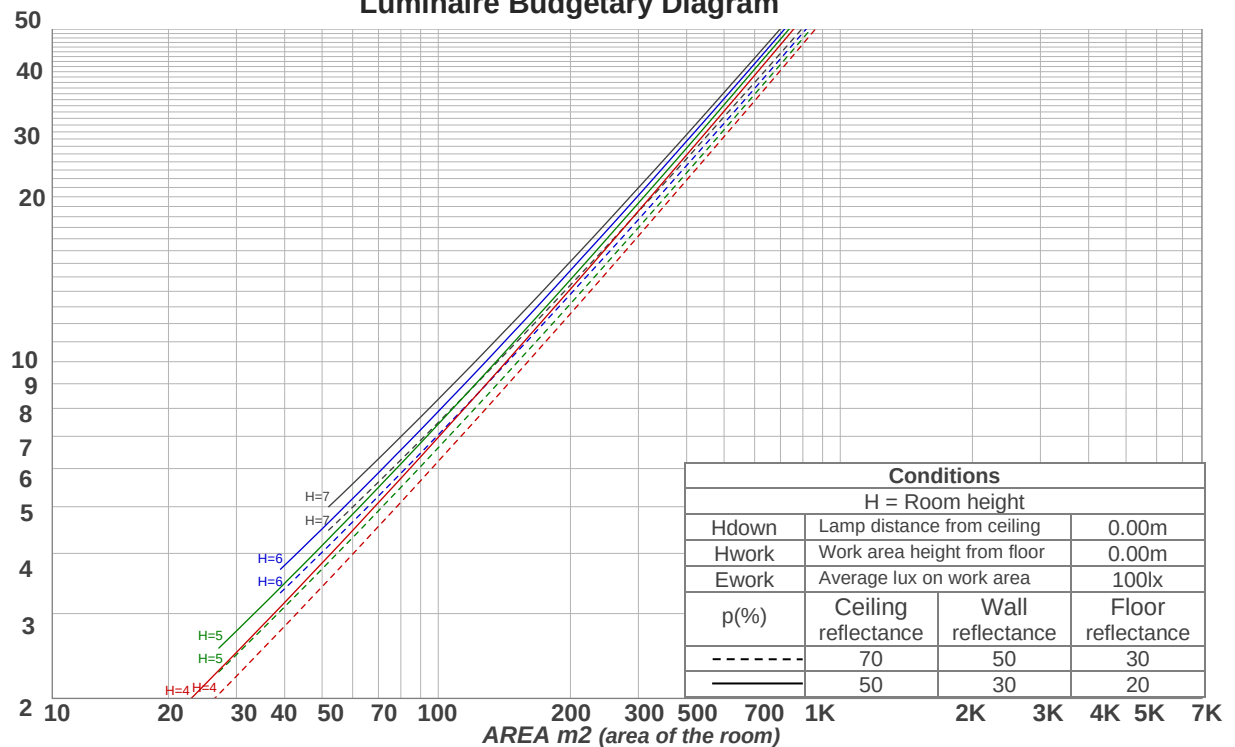
Conditions:
 Number of planes: 8
 Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	110	110	110	105	105	105	101	101	101	99
1	113	111	108	106	111	108	106	104	104	102	101	100	99	97	96	95	94	93
2	108	103	100	96	106	102	98	95	98	95	93	95	93	91	92	90	89	87
3	103	97	92	89	101	96	91	88	93	89	86	90	87	85	88	85	83	82
4	98	91	86	82	96	90	85	81	88	84	80	86	82	79	84	81	78	77
5	94	86	81	76	92	85	80	76	83	79	75	81	77	75	80	76	74	72
6	90	81	76	72	88	80	75	71	79	74	71	77	73	70	76	72	70	68
7	86	77	71	67	84	76	71	67	75	70	67	74	69	66	72	69	66	64
8	82	73	67	64	81	72	67	63	71	66	63	70	66	63	69	65	62	61
9	78	69	64	60	77	69	64	60	68	63	60	67	62	59	66	62	59	58
10	75	66	61	57	74	65	60	57	65	60	57	64	59	56	63	59	56	55

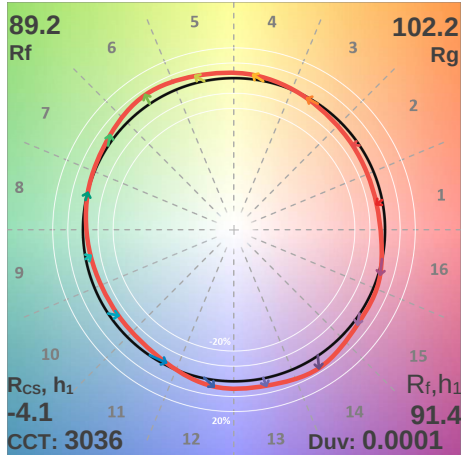
LAMPS (number of lamps)

Luminaire Budgetary Diagram

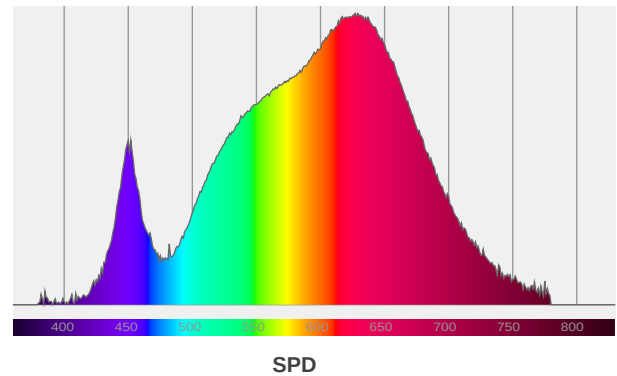
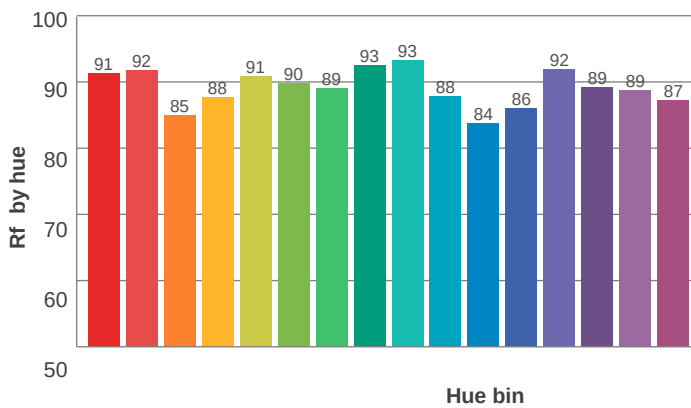
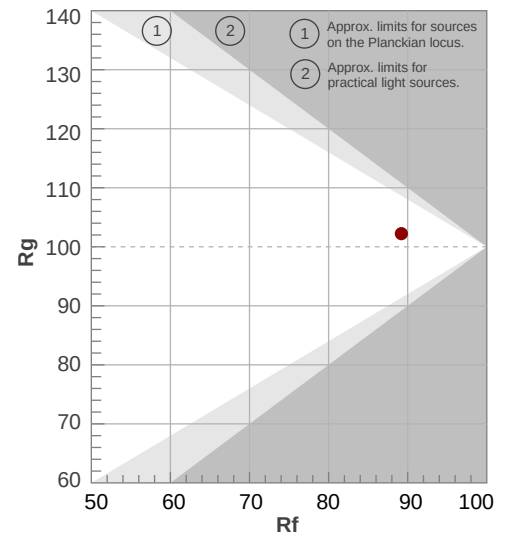


ANSI/IES TM-30-18

P: 2 / V: - / F: 3



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



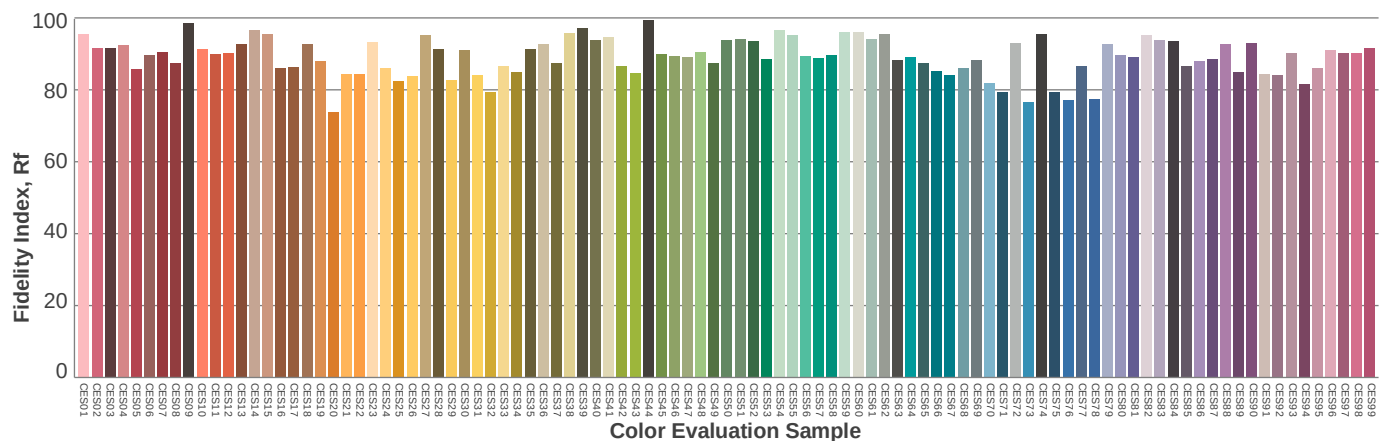
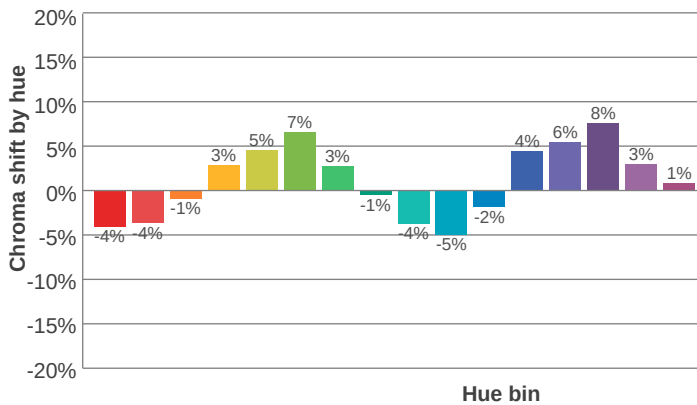
Red: 39.6%, Power=19.9mW

Blue: 6.9%, Power=6.7mW

Green: 24.4%, Power=22.6mW

UVA: 0.2%, Power=0.0mW

Dominant Wavelength: 583nm

1st Peak Wavelength: 627nm2nd Peak Wavelength: 452nm

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	17.4	17.9	17.5	18.2	18.4	17.4	17.9	17.5	18.2	18.4
	3H	17.2	17.9	17.6	18.1	18.3	17.2	17.9	17.6	18.1	18.3
	4H	17.2	17.9	17.6	18.1	18.4	17.2	17.9	17.6	18.1	18.4
	6H	17.3	17.9	17.6	18.2	18.6	17.3	17.9	17.6	18.2	18.6
	8H	17.4	17.9	17.7	18.3	18.7	17.4	17.9	17.7	18.3	18.7
	12H	17.4	18.0	17.8	18.3	18.8	17.4	18.0	17.8	18.3	18.8
4H	2H	17.0	17.7	17.4	18.0	18.2	17.0	17.7	17.4	18.0	18.2
	3H	17.1	17.6	17.5	18.0	18.5	17.1	17.6	17.5	18.0	18.5
	4H	17.1	17.6	17.6	18.1	18.6	17.1	17.6	17.6	18.1	18.6
	6H	17.3	17.8	17.8	18.2	18.5	17.3	17.8	17.8	18.2	18.5
	8H	17.4	17.9	17.9	18.2	18.6	17.4	17.9	17.9	18.2	18.6
	12H	17.5	17.9	18.0	18.3	18.8	17.5	17.9	18.0	18.3	18.8
8H	4H	17.1	17.6	17.6	17.9	18.3	17.1	17.6	17.6	17.9	18.3
	6H	17.3	17.7	17.9	18.1	18.7	17.3	17.7	17.9	18.1	18.7
	8H	17.6	17.8	18.1	18.4	19.0	17.6	17.8	18.1	18.4	19.0
	12H	17.8	18.0	18.4	18.6	19.2	17.8	18.0	18.4	18.6	19.2
12H	4H	17.0	17.4	17.6	17.9	18.3	17.0	17.4	17.6	17.9	18.3
	6H	17.4	17.6	17.9	18.2	18.8	17.4	17.6	17.9	18.2	18.8
	8H	17.6	17.8	18.2	18.4	19.0	17.6	17.8	18.2	18.4	19.0
Variation of the observer position for the luminaire distance S											
S = 1.0H		4.2 / -2.9					4.2 / -2.9				
S = 1.5H		6.7 / -3.1					6.7 / -3.1				
S = 2.0H		8.6 / -3.3					8.6 / -3.3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1779 lm total luminous flux											

Due to our continued efforts to improve our products, product specifications are subject to change without notice. Please refer to our website for the latest test results.