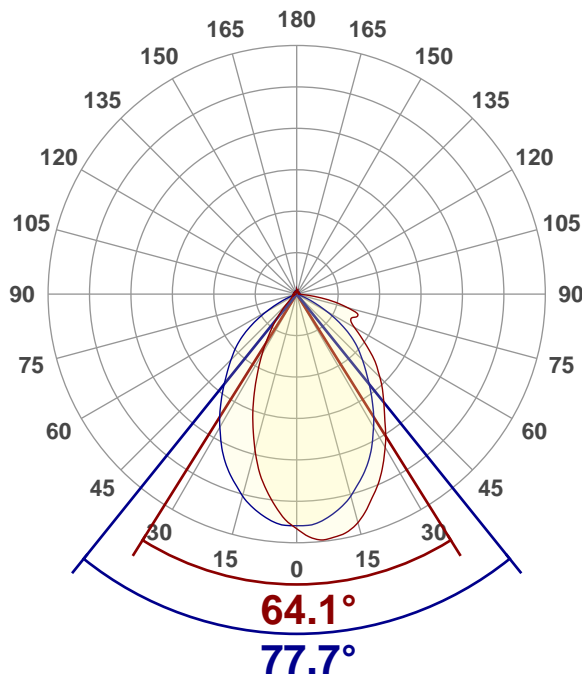


Light efficiency:**34 Lumen/Watt****Light quality:****CRI: 94.8****Color temperature:****3046 K****Output: 470 lm****Peak: 294 cd****Power: 13.8 W****Voltage: 120 V****Current: 0.115 A****PF: 0.9****THD: n/a %****Product name:****H2-55D-SWW-RD-WHWH-Min_H-Min_T-Min_D****Driver Used:****Test Date:****2020-01-23****Beam Angle:****70.4°****Field Angle:****125.1°****Cut Off Angle:****142.8°****Beam details**

*measured at center of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	187 lx	17 fcd	5.6 ft / 1.7 m
8 ft / 2.4 m	47 lx	4 fcd	11.3 ft / 3.4 m
12 ft / 3.7 m	21 lx	2 fcd	16.9 ft / 5.2 m
16 ft / 4.9m	12 lx	1 fcd	22.6 ft / 6.9 m
20 ft / 6.1m	7 lx	1 fcd	28.2 ft / 8.6 m

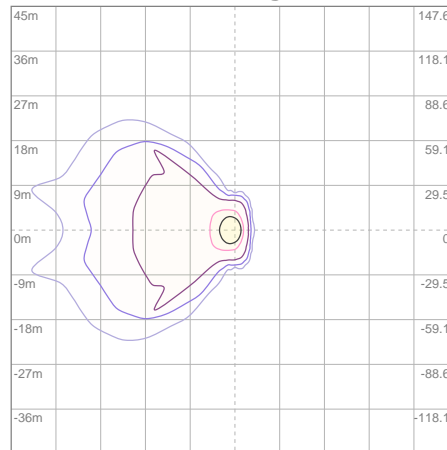
Beam center

Light planning Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	181	38.51%
0-40	267	56.81%
0-60	391	83.19%
60-90	58.2	12.38%
70-100	31.0	6.60%
90-120	9.92	2.11%
0-90	449	95.53%
90-180	20.5	4.36%
0-180	470	100.00%

ISO lux diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	30 lx
3%	0.90 lx
5%	1.50 lx
10%	3.00 lx
30%	9.00 lx
50%	15.00 lx

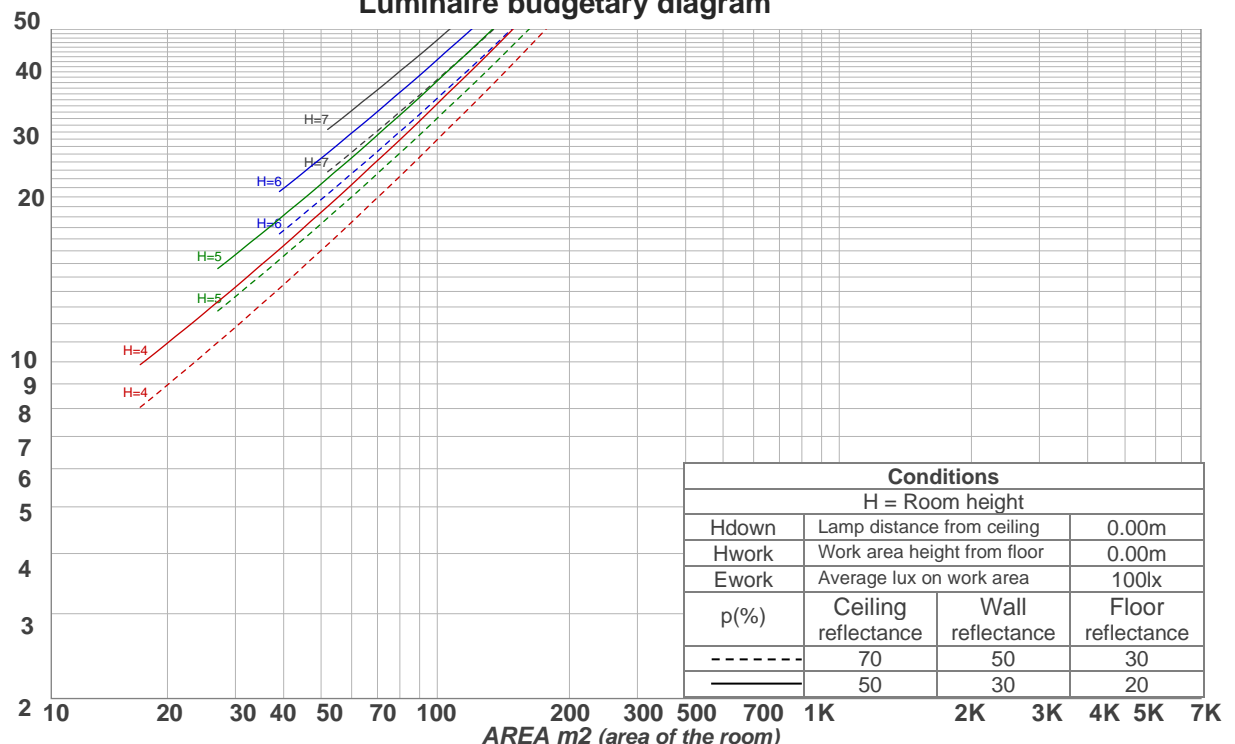
Conditions:
Number of planes: 16
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	109	105	101	98	106	102	99	96	97	95	92	93	91	89	89	87	85	83
2	101	94	88	83	98	91	86	82	87	83	79	84	80	77	80	77	74	72
3	93	84	77	71	90	82	76	70	79	73	69	75	71	67	72	69	65	63
4	86	76	68	62	84	74	67	62	71	65	60	69	63	59	66	62	58	56
5	80	69	61	55	78	68	60	55	65	59	54	63	57	53	61	56	52	50
6	75	63	55	49	73	62	54	49	60	53	48	58	52	47	56	51	47	45
7	70	58	50	44	68	57	49	44	55	48	43	53	47	43	52	46	42	40
8	66	53	46	40	64	52	45	40	51	44	40	49	43	39	48	43	39	37
9	62	49	42	37	60	49	42	37	47	41	36	46	40	36	45	39	36	34
10	58	46	39	34	57	45	38	34	44	38	33	43	37	33	42	37	33	31

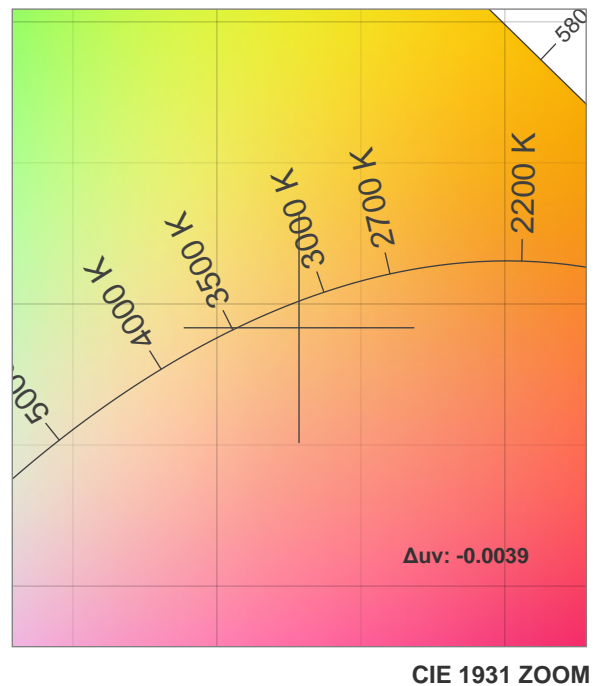
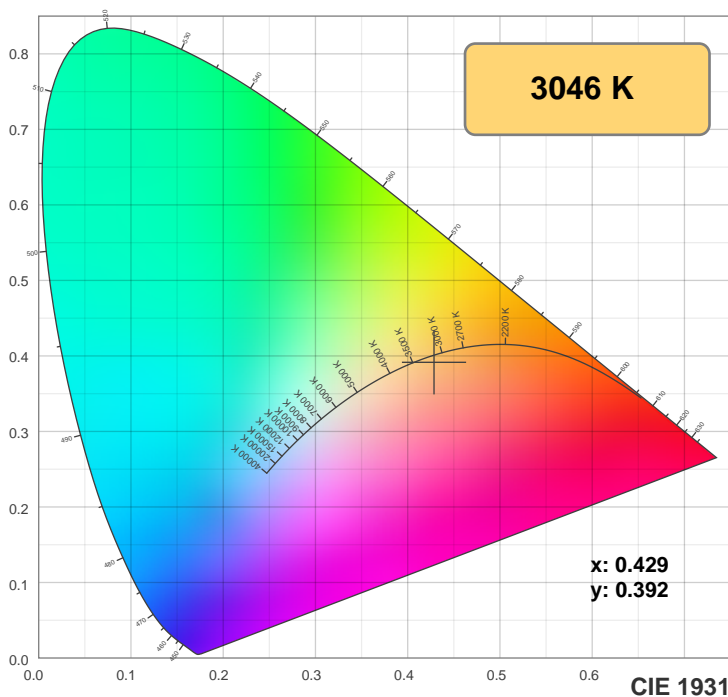
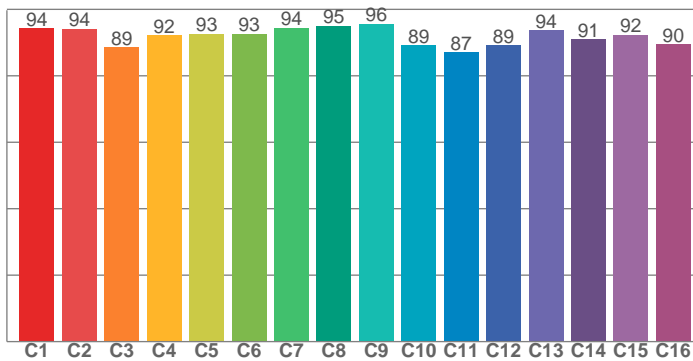
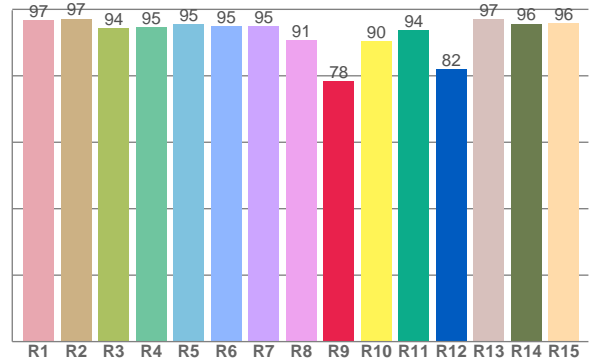
LAMPS (number of lamps)

Luminaire budgetary diagram



Color details

Photometric Testing Report

**TM30: 92.0****CRI: 94.8 (R1-R8)**

CRI R values, only R1-R8 are used to calculate final CRI value

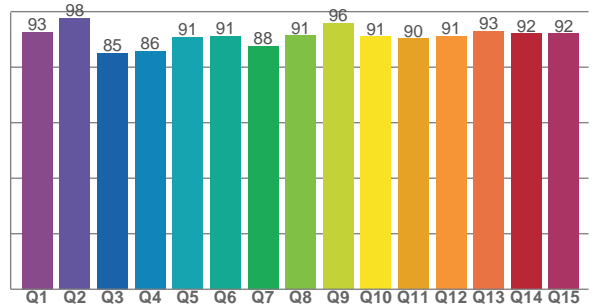
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.7	97.1	94.4	94.7	95.4	94.9	94.8	90.7	78.4	90.5	93.7	82.0	97.0	95.7	95.9

TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.3	94.1	88.6	92.2	92.7	92.6	94.4	95.1	95.6	89.2	87.1	89.1	93.7	91.0	92.4	89.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.6	97.6	85.1	85.8	90.8	91.2	87.6	91.4	95.8	91.0	90.4	91.3	93.0	92.1	92.1

CQS: 90.5

Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3046 K	94.8	78.4	92.0	102.2	90.5	0.429	0.392	0.251	0.343	-0.0039

Liteline Corporation – Richmond Hill, Canada – www.liteline.com Liteline Web -Downlights R1.14