

Part #	Prepared By
Project	Notes
Type	
Date	



TUCL vHealth® Under Cabinet Medical Grade

LED Under Cabinet Light 1100-4600 Lumens



Description

vHealth® TUCL LED is a specification grade, LED Luminaire which provides smooth and uniform ambient lighting for health care task lighting applications. Wrap around diffuser of ribbed white acrylic snaps in or out for easy maintenance.

Warranty & Notes

ELECTRICAL SYSTEM

- 1100-4600 lumens
- 80CRI, 3000K, 3500K, 4000K, 5000K CCT
- 120V-277V / 50-60Hz
- Minimum 50,000 hours lifetime
- Antimicrobial paint
- Power factor >0.9

OPTICS & OPTIONS

- Matte white impact resistant acrylic lens (0.118" thickness) is designed to optimize light distribution.
- Optional impact resistant 50% DR white acrylic lens.
- Fixture length options: 18", 24", 36" and 48".

FRAME & MOUNTING

- Cold rolled 22 gauge steel.
- Surface Mount
- Simple mounting method and direct wiring for a hassle free installation.
- White anti-microbial paint standard
- Easy to clean

DIMENSIONS

- 18L - 18"L x 4 1/2"W x 1 5/16"H
- 24L - 24"L x 4 1/2"W x 1 5/16"H
- 36L - 36"L x 4 1/2"W x 1 5/16"H
- 48L - 48"L x 4 1/2"W x 1 5/16"H

Listings



Warranty & Notes

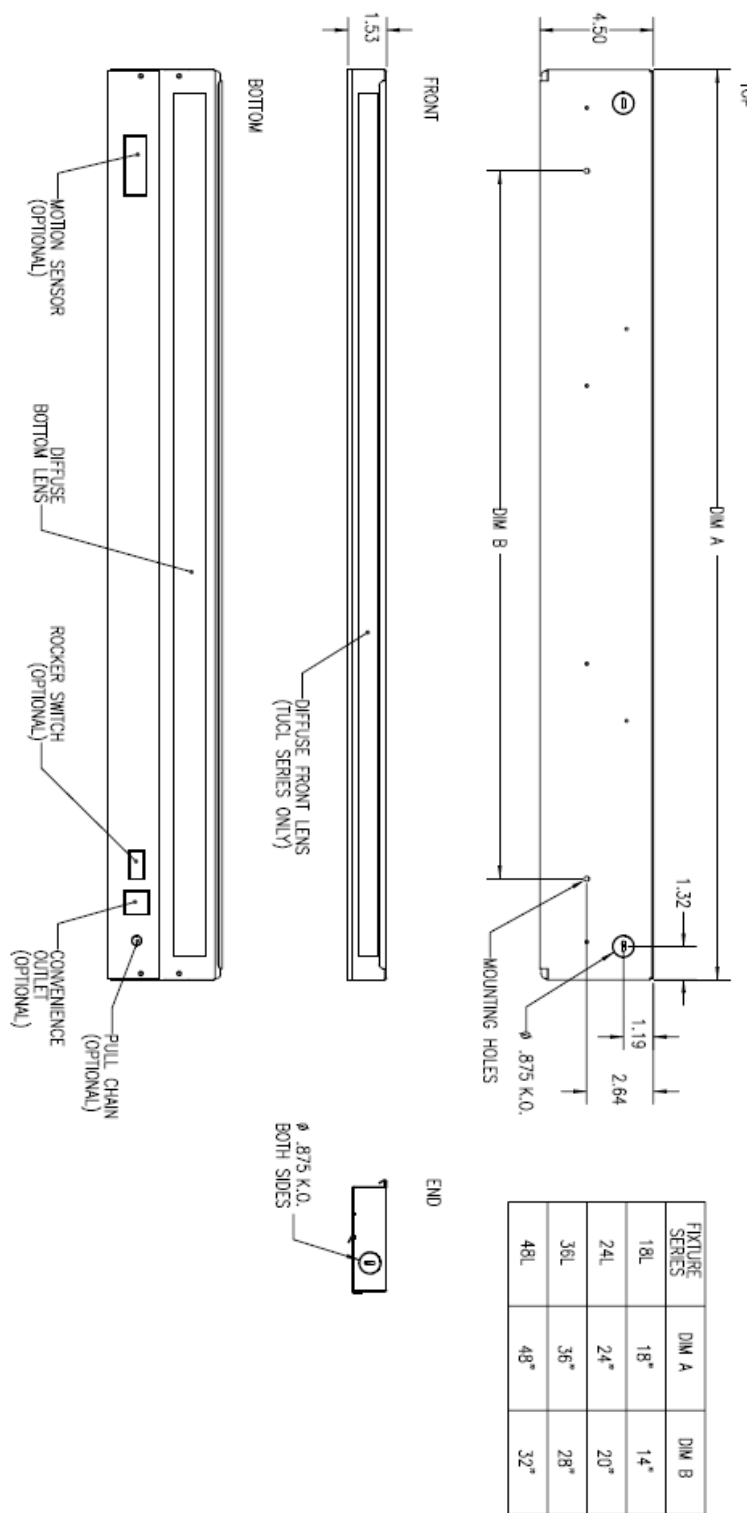
- 5-year limited warranty on LED module and driver

Ordering Information

EXAMPLE: TUCL-24LT15W-DMV-30K-AMWH

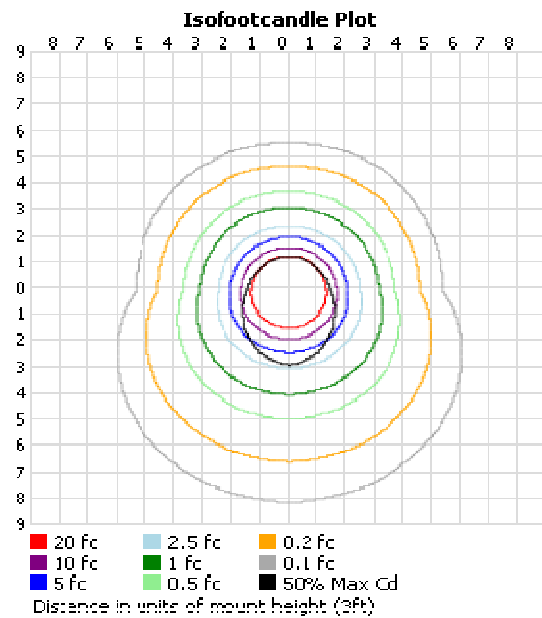
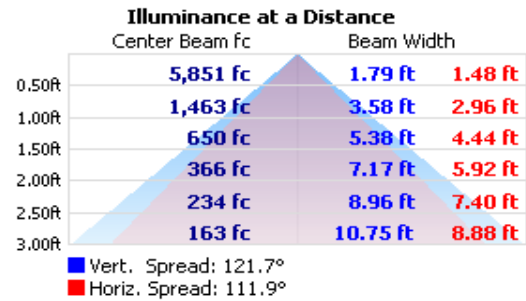
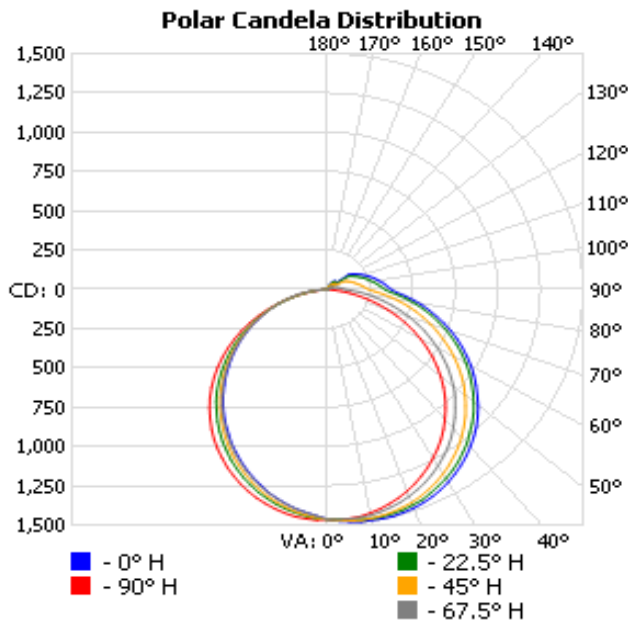
TUCL		-		-		-		-	
Series	Lens	Size and Wattage		Driver	Kelvin (CCT)		Finish	Accessories*	
TUCL	Blank - Matte white acrylic resin lens	18L - 18" Length,	T11W - 1100 Lumens T16W - 1600 Lumens	DMV - 0-10V Dimming 120-277V	30K - 3000K 80CRI 35K - 3500K 80CRI	AMWH - Antimicrobial Paint White STANDARD		OSF10 - Occupancy Sensor (120v ONLY) SW - Rocker Switch (120v ONLY) PC - Pull Chain (120v ONLY)	
		24L - 24" Length,	T15W - 1500 Lumens T22W - 2200 Lumens	D1MV - 0-10V Dimming Dim to 1% 120-277V	40K - 4000K 80CRI 50K - 5000K 80CRI				
		36L - 36" Length,	T22W - 2200 Lumens T34W - 3400 Lumens	G120 - ELV/Triac Dimming at 120V only	930K - 3000K 90CRI 935K - 3500K 90CRI				
		48L - 48" Length,	T29W - 2900 Lumens T46W - 4600 Lumens		940K - 4000K 90CRI				

Dimensional Data



Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.
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Photometrics



Performance Data Table based on 3500K

model	lumens	watts	lm/W
TUCL-18L-T11W	1214	12.1	100.4
TUCL-18L-T16W	1600	15.5	103.2
TUCL-24L-T15W	1515	13.9	109.0
TUCL-24L-T22W	2436	22.0	110.7
TUCL-36L-T22W	2250	20.4	110.3
TUCL-36L-T34W	3400	31.2	109.0
TUCL-48L-T29W	3031	27.8	109.0
TUCL-48L-T46W	4872	44.3	110.0

Zonal Lumen Summary

Zone (°)	Lumens	Luminaire
0-30	1,143.6	23.5%
0-40	1,883.3	38.7%
0-60	3,391.1	69.6%
60-90	1,189.8	24.4%
70-100	704.7	14.5%
90-120	241.7	5.0%
0-90	4,580.9	94.0%
90-180	291.4	6.0%
0-180	4,872.3	100.0%

Zone (°)	Lumens	Total	Zone (°)	Lumens	Total
0-10	138.5	2.8%	90-100	105.4	2.2%
10-20	398.1	8.2%	100-110	79.8	1.6%
20-30	607.0	12.5%	110-120	56.6	1.2%
30-40	739.7	15.2%	120-130	27.9	0.6%
40-50	780.8	16.0%	130-140	8.2	0.2%
50-60	727.0	14.9%	140-150	9.4	0.2%
60-70	590.6	12.1%	150-160	3.5	0.1%
70-80	399.7	8.2%	160-170	0.6	0.0%
80-90	199.6	4.1%	170-180	0.0	0.0%