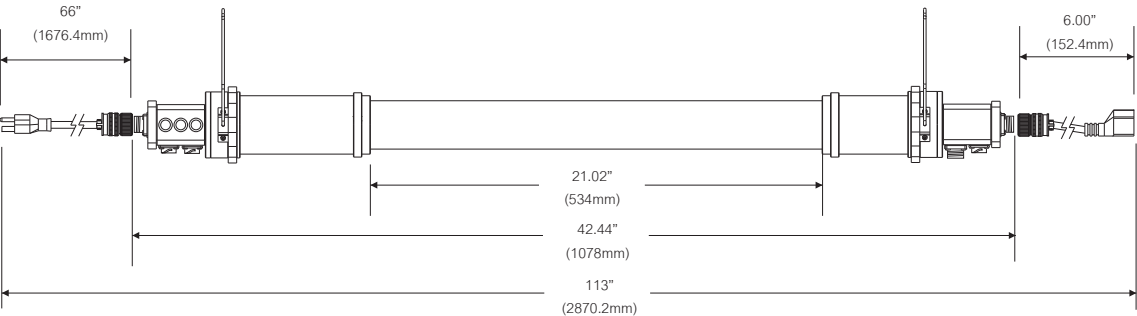# HTL-BU SERIES LIGHT FIXTURE

DESCRIPTION

The highly robust HTL light for design use in expeditionary shelters and flexible tent applications. The two designed ends designed to be hung via straps or via the fixed hook attached.
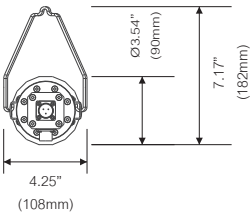
STANDARD FEATURES

· Solid state lighting device, works well in all types of enviroments

· Instant on, no warm up time required

· Lasts 5 times longer than fluorescent

· No mercury, No lead

· No IR, No UV

· Minimum Lumen Maintenance: L70 (70% @ 50,000 hours)

· EMC: Compliance to FCC Part 18 Class B

· Water proof design, IP67 rating

· 5000K Cool White Color (ANSI C78.377-2008)

· Compliance to MIL-PRF-44259D

· Compliance to MIL-STD-461

· MTBF: 40,000 Hours

· Weight: 3.56kg (without cables, 3.11kg)

· Standard -51°C operation

OPTIONAL FEATURES

· Colors: Mid White (4100K)

· Operational voltages for special applications

· Other colors upon request NVIS Red, Blue, Green A and Green B

· Other lengths upon request

NOTES & PATENT INFORMATION

US Patent #7,307,391 8,115,411 8,791,650 9,179,513
Canada Patent #2,651,224 2,555,065 2,831,641
International Patents Pending
For complete and up to date patent information see our website

DIMENSIONS

SIDE VIEW (WITH STANDARD 6' CABLE)

END VIEW

66"
(1676.4mm)

6.00"
(152.4mm)

21.02"
(534mm)

42.44"
(1078mm)

113"
(2870.2mm)

Ø3.54"
(90mm)

7.17"
(182mm)

4.25"
(108mm)

ELECTRICAL STATS & OPERATING FUNCTIONS

Series	Input Voltage (Volts)			Input Current (Amps)			Light Lens Type	Correlated Color Temperature (CCT)*	Intensity Lumen	Power Consumption (Watts) TYP
	MIN	TYP	MAX	MIN	TYP	MAX				
HTL-BU	90	120	264	0.11	0.25	0.333	MILK WHITE	4100K	2904	30
								5000K	3125	30

*ANSI Standard Color Temperature Range: 5028K (+/- 283K) as per C78.377-2008

ORDERING INFORMATION

SERIES	CERTIFICATION & TEMPERATURE		LENGTH OF LIGHT	VOLTAGE	LED TYPE	WATTAGE	LIGHT COLOR	SECONDARY LIGHT*	CABLE LENGTH	PLUG TYPE	OPTIONAL FUNCTIONS	
HTL	- B	U	- 24	- 120	- 0-B	- 30	- XX	X	- XX	X	- X	- X

UNIVERSAL ADAPTABLE
MIL-STD-461
(-51°C~50°C)

120VAC
(90-264VAC
50-60Hz)

● 50 = Cool White (5000K)
○ 41 = Cool White* (4100K)

6 = 72" (6')
12 = 144" (12')*

D = Dimmable, Main Color dims to 25%, 50%*
N = No Dimming

X = No Secondary Color
B = NVIS Blue
G = NVIS Green A
R = NVIS Red

A = Standard North American (NEMA 5-15/5-20)
B= South American*
C = European*

N = No Emergency Back-Up
C = Capacitive Back-Up*
B = Battery Back-Up*

Military Grade = Typ. 25°C (77°F) Range: -51°C (-60°F) ~ 50°C (122°F), MIL-PRF-44259D

Example:

HTL-BU-24-120-0-B-30-50G-6A-D-C = HTL Series, MIL-461, -51°C~50°C, 24" light, 120VAC, 30W, Cool White (5000K), Green A Secondary,6' NEMA 5-15, Dimming 25%, 50%, Capacitive Back-Up

*Special Order, contact factory for further details.
1. Pre-set dimming, for main light color only