

LDX-HB1

Linear . Hospital Bed

PROJECT:
CAT.NO:
NOTES:

DATE:
TYPE:
VOLTS:

PEERLUX[®]
SERIES

GENERAL DESCRIPTION

LED luminaire for wall mounted installation (bed light). Flat frosted acrylic lens with a rigid body construction from code gauge steel. Separate upper and lower compartments provide uplight, downlight or both. Options available include convenience outlet, night light and various switching arrangement (left or right side installation). Ideal for health care institutions.

CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards**
Suitable for damp locations.



*LED Five (5) year limited warranty.
**Operating temperature: -20°C to +35°C / -4°F to +95 °F, consult factory for operating temperatures outside the listed range.
Specifications are subject to change. Please confirm latest specifications prior to placing order.



ELECTRICAL

3000K 3500K 4000K 5000K
120V - 277V 347V

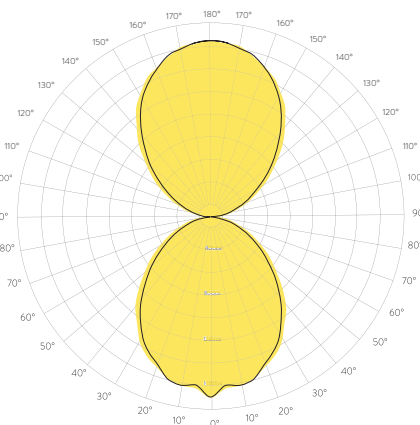
*TW (Tunable White), other CCT, RGB (Red, Green, Blue LEDs), DM (dim to warm) available, consult factory.
L80 performance at 60,000 hours minimum.
80 CRI Standard. Other dimming options, lumen options, 90CRI and lengths available, consult factory.

FINISH

Standard finish is high gloss white polyester baked powder coat enamel. Custom colours available, consult factory.
Glossy / Matte / Custom Colours



PHOTOMETRIC DATA



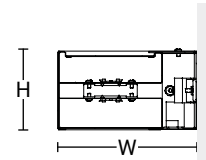
LDX-HB1-4-40U-40D-40K

0°-180°
90°-270°

DIMENSIONS

SIZE	L	W	H
3FT	35.05"	6.55"	3.75"
4FT	46.05"	6.55"	3.75"

MOUNTING / CROSS SECTION



WALL MOUNTED

ORDERING INFORMATION

LDX-HB1	FA								
FIXTURE	LENGTH	LUMENS UP	LUMENS DOWN	CCT	SHIELDING	CAPTIVE LENS	FINISH	OPTIONS	DRIVER
LDX-HB1 = Linear. Hospital Bed.	2 = 2ft	20U = 2000lm Up 30U = 3000lm Up	20D = 2000lm Down 30D = 3000lm Down	30K = 3000K 35K = 3500K 40K = 4000K 50K = 5000K	FA = Flat Frosted Acrylic	C = Captive Lens *omit for no captive lens	GLOSSY W = White Housing B = Black Housing G = Grey Housing MATTE WM = White Housing BM = Black Housing GM = Grey Housing AB = Antimicrobial Paint X = other colours and finishes available, consult factory	CSL = 4 Position Pull Chain Left CSR = 4 Position Pull Chain Right COL = Convenience Outlet Left COR = Convenience Outlet Right TSL = Toggle Switch Left TSR = Toggle Switch Right NL = Night Light	MV = Standard 120V-277V 1% Dimming (0-10V) 347 = Standard 347V Dimming (0-10V) EM = Emergency Driver X = DALI, Lutron EcoSystem LED, and other drivers available, consult factory
	4 = 4ft	20U = 2000lm Up 30U = 3000lm Up 40U = 4000lm Up 50U = 5000lm Up	20U = 2000lm Down 30U = 3000lm Down 40U = 4000lm Down 50U = 5000lm Down	TW = Tunable White *Other CCT, RGB (Red, Green, Blue LEDs), DM (dim to warm) available, consult factory					

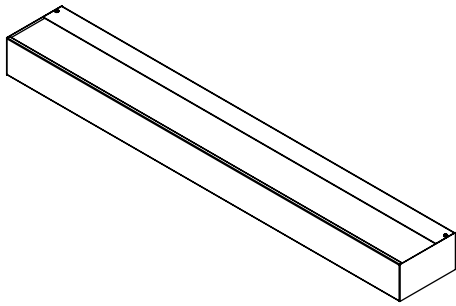
LDX-HB1

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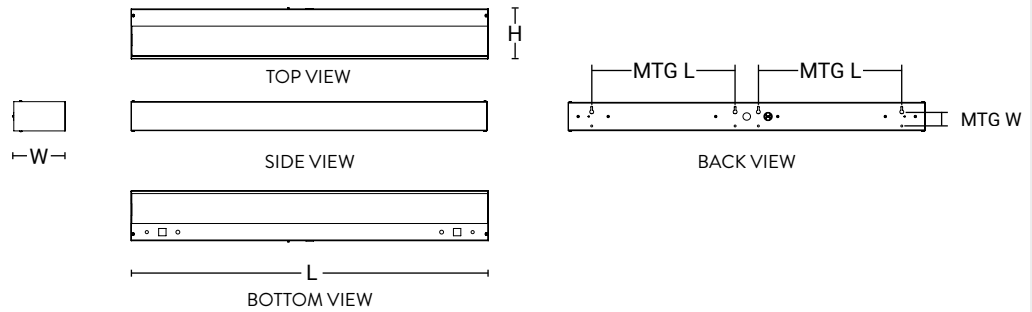
DATE:
TYPE:
VOLTS:

PEERLUX[®]
SERIES



DIMENSIONS

SIZE	L	W	H	MTG L	MTG W
3FT	35.05"	6.55"	3.75"	33.00"	2.50"
4FT	46.05"	6.55"	3.75"	18.50"	2.50"



SHIELDING

Flat frosted acrylic lens.

CONSTRUCTION

Rigid body construction from code gauge steel.

FINISH

Standard finish is high gloss white polyester baked powder coat enamel. Custom colours available, consult factory.

Glossy / Matte / Custom Colours



LED LIGHT ENGINE

Mounted on internal high reflectance white painted reflector.

LED DRIVER

1% Dimming (0-10V). Emergency driver available.

DALI (Digital Addressable Lighting Interface), Lutron

EcoSystem LED, and other drivers available, consult factory.

ELECTRICAL

3000K 3500K 4000K 5000K

120V - 277V 347V

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L80 performance at 60,000 hours minimum.

80 CRI Standard. Other dimming options, lumen options, 90CRI and lengths available, consult factory.

CERTIFICATION

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Suitable for damp locations.

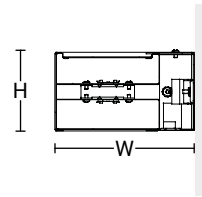


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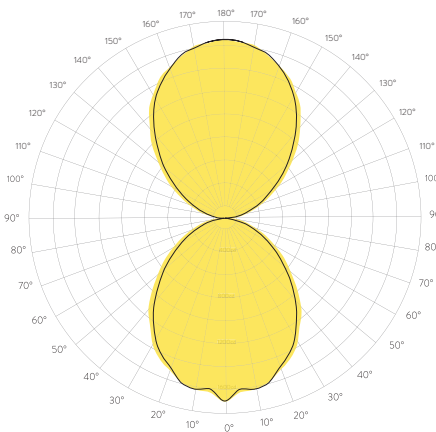
MOUNTING / CROSS SECTION

Wall mounted installation



WALL MOUNTED

PHOTOMETRIC DATA



LDX-HB1-4-40U-40D-40K

0°-180° █
90°-270° █

ZONAL LUMEN SUMMARY

Zone	Lumens
0.00°-10.00°	185.93
10.00°-20.00	438.00
20.00°-30.00	651.08
30.00°-40.00	749.10
40.00°-50.00	718.41
50.00°-60.00	589.19
60.00°-70.00	413.53
70.00°-80.00	231.00
80.00°-90.00	71.17
90.00°-100.00	85.91
100.00°-110.00	243.43
110.00°-120.00	418.93
120.00°-130.00	591.87
130.00°-140.00	719.26
140.00°-150.00	749.21
150.00°-160.00	650.38
160.00°-170.00	438.19
170.00°-180.00	186.07
0.00°-90.00	4047.40
90.00°-180.00	4083.26
0.00°-180.00	8130.66

CONE OF LIGHT

Mtg Height	Light Level	Beam Diameter
6.0 ft	46.9 fc	0.0 ft
8.0 ft	26.4 fc	0.0 ft
10.0 ft	16.9 fc	0.0 ft
12.0 ft	11.7 fc	0.0 ft
15.0 ft	7.5 fc	0.0 ft

AVERAGE LUMINAIRE LUMINANCE (CD/M2)

	0.00°	45.00°	90.00°
0.00°	8660	8660	8660
45.00°	6526	4662	4136
55.00°	5638	3555	3078
65.00°	4681	2543	2125
75.00°	3714	1583	1206
85.00°	2653	499	299