



EVEXIA™
Patient Bed Light



APPLICATIONS

PATIENT ROOMS

EMERGENCY ROOM
EXAMINATION

PHYSICIAN'S
EXAMINATION

PRODUCT OVERVIEW

The Evexia™ bed light blends a simple design, solid state performance, and durable construction to address the varied challenges of the patient bed environment. The flowing lines and gentle transitions in its form are aesthetically appealing and simplify routine cleaning. Dual optical compartments provide high quality, low glare illumination for both ambient and reading tasks while the die cast and extruded aluminum construction withstands the daily rigors of healthcare spaces.

EVEXIA

KEY FEATURES

The soft form limits sharp transitions for visual appeal and simplifies cleaning.

The curved lensed surfaces enhance illumination performance.

A variety of switching options including integral low voltage control for use with patient pillow controls.

Die cast end caps and extruded aluminum construction provide durability.

The acrylic lens, with internal linear detail and smooth face, has a uniform illuminated appearance.

Evexia is available in nominal 2, 3 and 4 foot versions.

The 3-step installation process simplifies installation.

The optional Bed Safety Switch reduces risk of damage from motorized hospital beds.

The integral night light option is available with 3-way low profile, stainless steel switches.

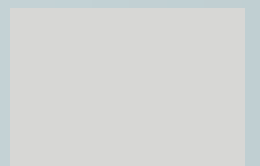
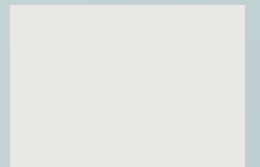
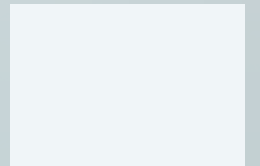
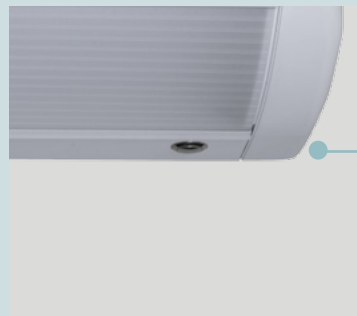
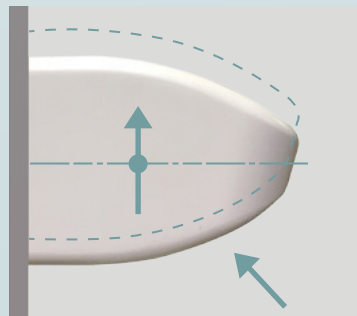
The dual LED optical compartments provide ambient and reading illumination.

Evexia can be specified in three standard antimicrobial colors — with custom colors available upon request.

White

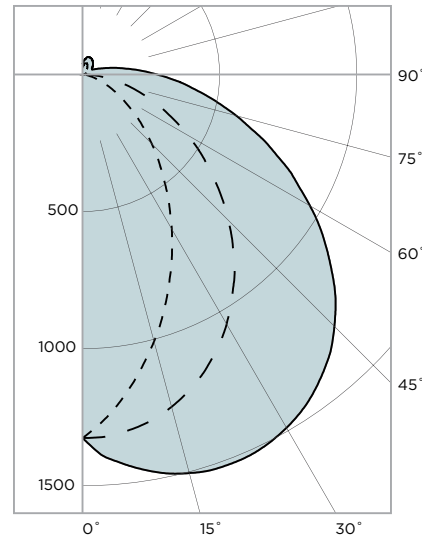
Taupe

Aluminum



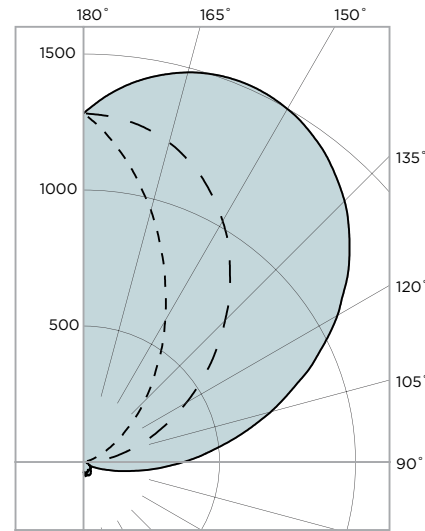
CANDELA PLOTS

LEGEND:
 0-deg: ————
 90-deg: - - - -
 180-deg: ————



DIRECT

Report No.	#16.03108
Luminaire	Evexia patient bed light - Down light only
Ballast	XI040C110V054BPT1
Ballast Factor	1.00
Lamp	132-Philips Fortimo 3500 LED's
Fixture Lumens	3799
Watts	39.9
Efficacy	95.2 Lm/W
Mounting	Wall

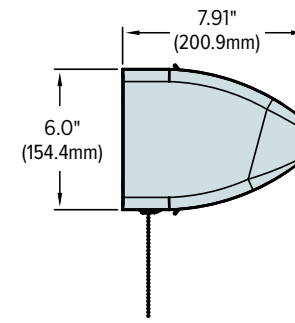


INDIRECT

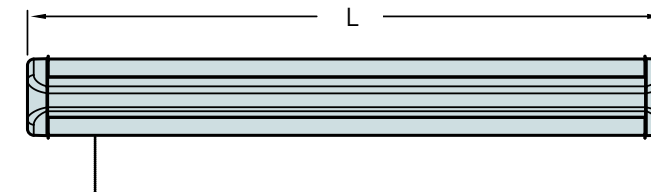
Report No.	#16.03107
Luminaire	Evexia patient bed light - Up light only
Ballast	XI040C110V054BPT1
Ballast Factor	1.00
Lamp	132-Philips Fortimo 3500 LED's
Fixture Lumens	3853
Watts	39.8
Efficacy	96.8 Lm/W
Mounting	Wall

DIMENSIONS

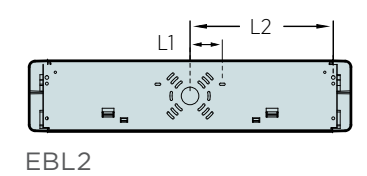
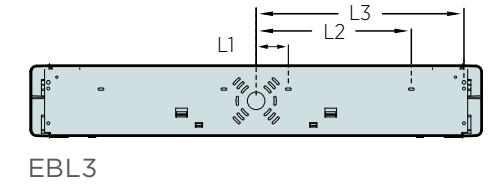
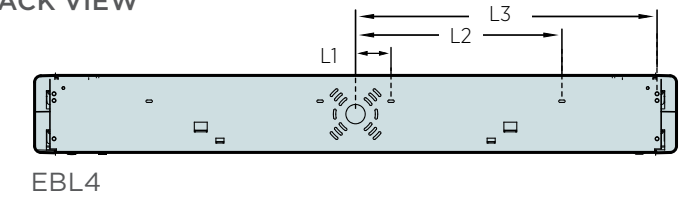
SIDE VIEW



FRONT VIEW

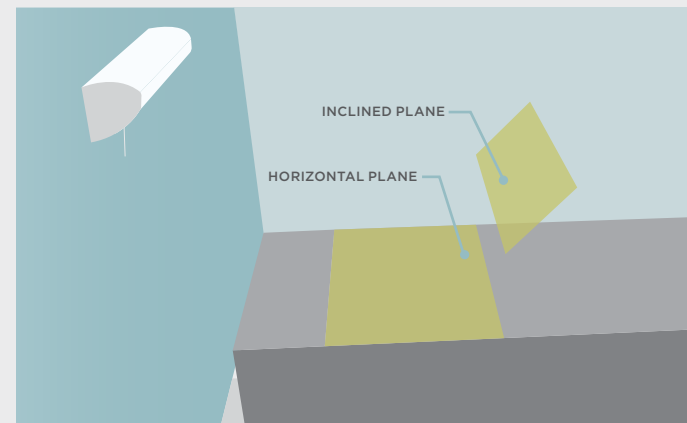


BACK VIEW



	L	L1	L2	L3
EBL2	27.47" (697.7mm)	2.75" (69.6mm)	12.23" (310.6mm)	-
EBL3	38.50" (977.9mm)	2.75" (69.85mm)	13.25" (336.55mm)	17.74" (450.6mm)
EBL4	49.76" (1263.9mm)	2.75" (69.9mm)	16" (406.4mm)	23.38" (593.9mm)

APPLICATION STUDIES



32	34	34	35	34	31
38	41	42	42	41	38
46	49	51	51	49	46
54	59	61	61	59	54
62	68	72	71	68	63

READING ILLUMINATION HORIZONTAL PLANE (2'x3')
 Avg: 49 fc

29	31	32	32	31	29
34	37	39	38	37	34
39	43	45	45	44	40

READING ILLUMINATION INCLINED PLANE (1'x3')
 Avg: 37 fc

17	21	26	32	36	36	32	26	21	17		
18	22	25	22	9.9	2.6	22	26	22	18		
18	22	25	21	9.3	3.1	21	24	22	18		
17	20	22	19	8.3	3.3	19	22	20	17		
16	18	20	16	7.7	3.3	16	20	18	15		
14	16	16	13	6.6	3.5	17	16	14			
13	14	14	11	4.7	3.1	12	14	14	12		
11	12	12	9.9	4.4	2.9	9.7	12	12	11		
9.4	10	11	8.8	5.3	4.0	4.0	5.9	8.7	11	9.8	
8.5	9.2	9.3	7.9	5.8	5.1	5.2	6.1	8.1	9.3	9.1	8.3
7.5	8.0	8.3	7.6	6.2	6.1	6.1	6.4	7.7	8.2	8.2	7.3
6.7	7.4	7.3	6.9	5.8	5.7	5.8	6.2	6.9	7.4	7.4	6.6

AMBIENT ILLUMINATION

Avg: 13 fc

Room Size	12' x 12'
Ceiling Height	8'-6"
Luminaire Height	Centered 6'-2" AFF
Bed Height	2'-6" AFF
Room Reflectances	80/50/20

ORDERING GUIDE

MODEL	LENGTH	COLOR TEMP	FINISH	VOLTAGE	OPTIONS
EBL Evexia Bed Light	2 2" (27.47")	30K 3000K	WH White	U Universal (120-277V) 120 120V 277V 277V	NW ^{2 3} Night light white (3000K)
	3 3" (38.50")	35K 3500K	AL Aluminum		NA ^{2 3} Night light amber (590nm)
	4 4" (49.76")	40K 4000K 50K 5000K	TP Taupe CC ¹ Custom Color		NWS ^{2 3 4} Night light white (3000K) with 3-way momentary switches located at both ends of the luminaire
OPTIONS (CONTINUED)					
BSS ^{2 3 9}	Bed Safety Switch				
ELL14 ¹⁰	Emergency battery pack				
GMF	Slow blow fuse				
RIF	Radio interference frequency filter				
TR	Tamper-resistant hardware				
					NAS ^{2 3 4} Night light amber (590nm) with 3-way momentary switches located at both ends of the luminaire
					P4L ^{2 5} 4-Pole Pull Switch (mounted to the left as facing the luminaire)
					P4R ^{2 5} 4-Pole Pull Switch (mounted to the right as facing the luminaire)
					P1L ^{2 5} 1-Pole Pull Switch for control of the lower compartment (mounted to the left side as facing the luminaire)
					P1R ^{2 5} 1-Pole Pull Switch for control of the lower compartment (mounted to the right side as facing the luminaire)
					LVC1 ^{3 6 7} Low Voltage Controller for individual control of the reading function
					LVC2 ^{3 6 7} Low Voltage Controller for individual or sequential control of two (2) independent functions. Refer to LVC Selection Chart on product spec sheet to complete option code. (Ex. LVC21, LVC22)
					LVC3 ^{3 7 8} Low Voltage Controller for individual control of three (3) functions or sequential control of two (2) functions and individual control of one (1) function. Refer to LVC Selection Chart on product spec sheet to complete option code. (Ex. LVC31, LVC32)
					LVC4 ^{3 7 8} Low Voltage Controller for up to three (3) functions with one (1) or two (2) functions having 0-10v dimming and the remaining function(s) being controlled independently. Refer to LVC Selection Chart on product spec sheet to complete option code. (Ex. LVC4S1, LVC4SM4)

¹ Customer to provide RAL number or color chip to match. Additional set-up charges will be applied to the order.
² 120V models only.
³ Not available for EBL2 model.
⁴ Not available if LVC22 or LVC23 option selected.
⁵ Supplied with 5' plastic, antimicrobial white pull cord.
⁶ Not available with Universal voltage (U). Select 120V or 277V.
⁷ Not available with Pull Switch options (P4L, P4R, P1L, P1R).
⁸ Confirm that the facility's nurse call system supports (3) dry-contact connections for lighting when the intent is to control (3) different lighting functions.
⁹ The Bed Safety Switch (BSS) helps limit damage to luminaire by disconnecting power to motorized patient bed when luminaire is moved.
¹⁰ Available for EBL4 model only.

EXAMPLE: EBL4-40K-WH-120-LVC1-GMF

ALERA LIGHTING

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