PHILIPS
CHLORIDE

LED

Value+ LED – VLLU Series

Economy grade emergency



Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

The VLLU Series LED emergency lighting unit is an economy grade unit with a low profile design giving it a stylish appeal for any general purpose application. The semi-recessed lamp heads give this unit a pleasing appearance that is preferred over traditional units. Utilizing long life and high performing LEDs the VLLU Series LED provides excellent emergency illumination at a very reasonable price.

Ordering guide – LED emergency lighting units

Example: VLLU

Model number	Voltage	Housing color	LED lamps	Remote capability
VLLU	3.6V	Off-white	2 – 1W	None
VLLUR	3.6V	Off-white	2 – 1W	2 – 1W or 1 – 2W heads
VLLU2	3.6V	Off-white	2 – 2W	None

Ordering guide – LED remote lamp heads

VLL1R	3.6V	Off-white	1 – 1W	Indoor
VLL2R	3.6V	Off-white	2 – 1W	Indoor
VLL1RGO	3.6V, 6V, 9.6V, or 12V	Gray	1 – 1W	Outdoor
VLL2RGO	3.6V, 6V, 9.6V, or 12V	Gray	2 – 1W	Outdoor

Codes and standards

- UL Listed to Standard 924
- cUL Listed
- UL Listed for damp locations
- NFPA 101 (Life Safety Code)
- NFPA 70 (National Electric Code)

Construction

- Wall or ceiling mounted
- Provisions for surface mounted conduit to top of wall mounted unit
- Back plate keyhole slots are easily removable knockouts for securing to 4" jbox for easy mounting

Electronics

- 120/277VAC, 60Hz dual voltage selectable input
- Surge protected, solid state circuitry
- Charging systems are complete with low voltage disconnect (prevents deep discharge of battery),battery lockout (prevents discharge of battery during installation), and brownout protection

Lamps

- VLLU unit contains 2 – 1W LED lamp heads
- VLLU2 unit contains 2 – 2W LED lamp heads
- VLLU emergency lighting units contain 3.6VDC – 1W longlife LED lamp source head (6000K)
- Fully adjustable LED lamp heads

Battery

- Maintenance-free sealed 3.6V nickel cadmium
- Manual test switch and LED light indicator
- Supplies emergency illumination for a minimum of 90 minutes
- Operating temperature range: 10˚C (50˚F) to 40˚C (104˚F)

Remote capability

- VLLUR unit provides enough remote capability to supply 3.6VDC power to 2 – 1W (VLL1R) LED remote lamp heads or 1 – 2W (VLL2R) LED remote lamp head
- VLLUR unit provides enough remote capability to supply 3.6VDC power to 2 – 1W (VLL1RGO) LED remote lamp heads or 1 – 2W (VLL2RGO) outdoor LED remote lamp head

Power consumption

- VLLU (120V)—0.6W
- VLLU (277V)—0.78W

Note: For the Value+ economy grade thermoplastic LED exit sign, refer to the VE Series specification sheet number CE-15050 located on the Philips Luminaires eCatalog.

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LED remote lamp heads

- VLL1R single LED remote lamp head contains a 3.6VDC 1W LED light source
- VLL2R dual LED remote lamp heads, each contain a 3.6VDC 1W LED light source
- VLL1R and VLL2R indoor LED remote lamp heads have an off-white finish
- Each VLL1R and VLL2R indoor LED remote lamp heads can accept power only from a VLLUR unit, VLLCR2R combo or VLLCG2R combo
- VLL1RGO single outdoor LED remote lamp head contains a 1W LED light source
- VLL2RGO dual outdoor LED remote lamp heads, each contain a 1W LED light source
- VLL1RGO and VLL2RGO power source can be either a 3.6,6, 9.6 or 12VDC
- VLL1RGO and VLL2RGO outdoor LED remote lamp heads have a gray finish

Accessories

- WG4 - Wire Guard

Remote Lamp heads

- VLLR Series
- Value+ LED

Thermoplastic outdoor

VLL1RGO



VLL2RGO



Thermoplastic indoor

VLL1R

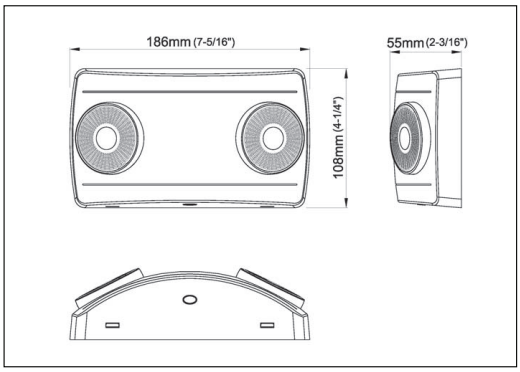


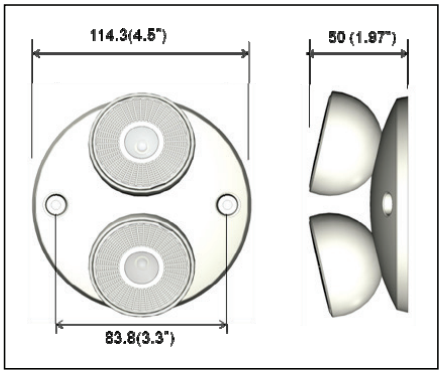
VLL2R

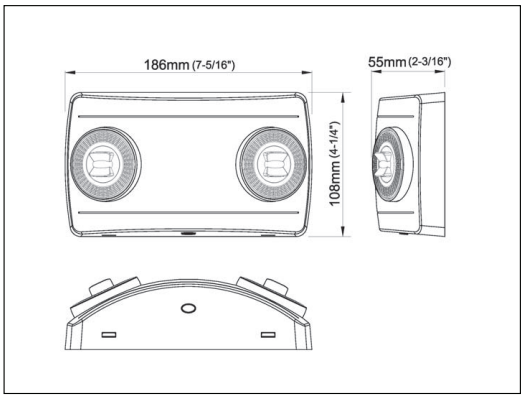


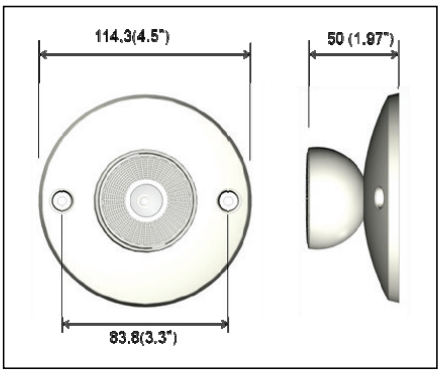
Value+ LED – VLLU Series

Dimensions





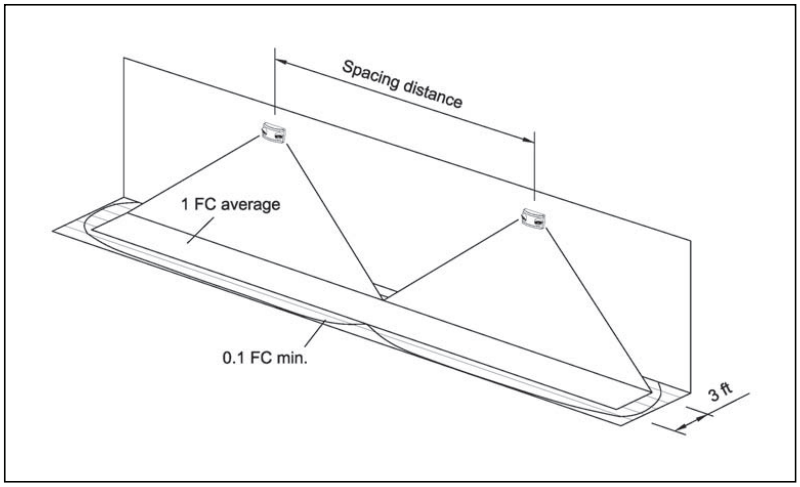




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Spacing information

NFPA 101 requires 1.0 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100 feet long, 9 feet ceiling with a 6 feet wide walkway and 3 feet path of egress. The reflectance are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 8 feet.



No.	Model	Spacing distance	Lumen output
1	VLLU, VLLUR	16 feet	150 lm
2	VLLU2	24 feet	250 lm

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