

PHILIPS CHLORIDE

LED

Value+ LED - VLLC
Series

Economy grade combo



Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

The VLLC Series LED emergency combo is an economy grade unit with a very low profile design giving it a stylish appeal for any general purpose application. This unit's compact housing is very small compared to traditional combo housings and provides excellent performance with its long life LEDs. This allows for excellent emergency illumination at a very reasonable price.

Ordering guide - LED combos

Example: VLLC

Model number	Voltage	Housing color	LED lamps	Remote capability
VLLCR	3.6V	Off-white	2 - 1W	None
VLLCR2R	3.6V	Off-white	2 - 1W	2 - 1W or 1 - 2W heads
VLLCG	3.6V	Off-white	2 - 1W	None
VLLCG2R	3.6V	Off-white	2 - 1W	2 - 1W or 1 - 2W heads

Ordering guide - LED remote lamp heads

Model number	Voltage	Housing color	LED lamps	Remote capability
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

- Thermoplastic (off-white) ABS housing
- UL 94V-O flame rating
- Extra stencil face plate provided for double face applications

Installation

- Wall, ceiling, or end mounted
- Canopy provided for ceiling & end mount applications
- Contractor friendly, snap together design
- Pop-out directional chevrons are easily removed
- 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
- VLLC emergency combos contain 3.6VDC - 1W longlife LED lamp source head (6000K)
- 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

- VLLC combo contains 2 - 1W LED lamp heads
- VLLC combo (red or green) contains two 3.6VDC - 1W longlife LED lamp light source (6000K)
- Fully adjustable LED lamp heads (can provide forward or backward emergency illumination)

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)



Value+ LED – VLLC Series

Remote capability

- VLLCR2R or VLLCG2R combos provide enough remote capability to supply 3.6VDC power to 2 - 1W (VLL1R) LED remote lamp heads or 1 - 2W (VLL2R) LED remote lamp head
- VLLCR2R or VLLCG2R combos provide 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

- VLLCR (120V)–3W VLLCG (120V)–3W
- VLLCR (277V)–3W VLLCG (270V)–3W

Accessories

- WG4 - Wire Guard

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.

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

Thermoplastic outdoor

VLL1RGO



VLL2RGO



Thermoplastic indoor

VLL1R



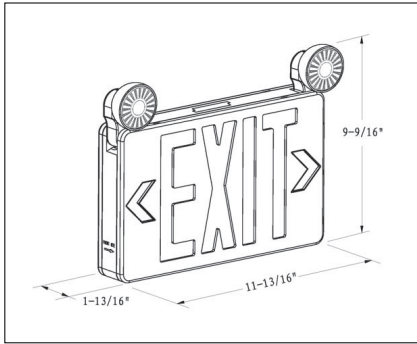
VLL2R



Value+ LED - VLLC Series

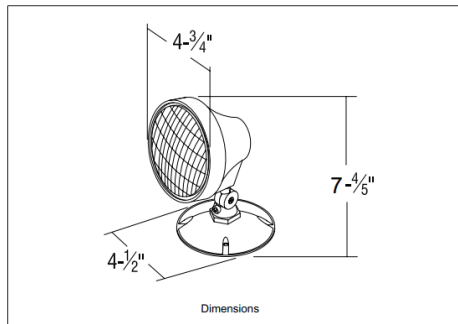
Dimensions

Thermoplastic emergency combo
VLLC

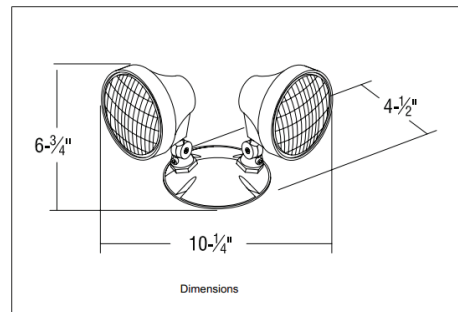


Thermoplastic outdoor

VLL1RGO

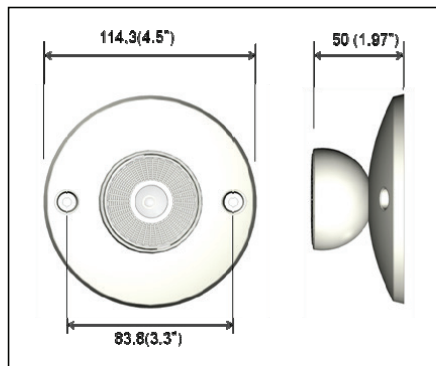


VLL2RGO

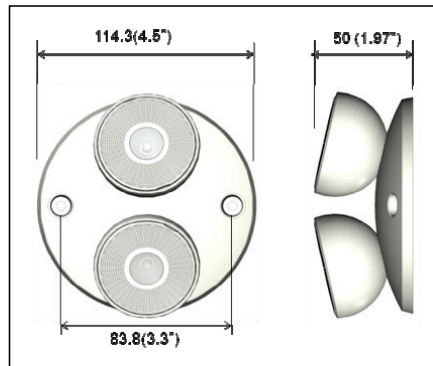


Thermoplastic indoor

VLL1R



VLL2R



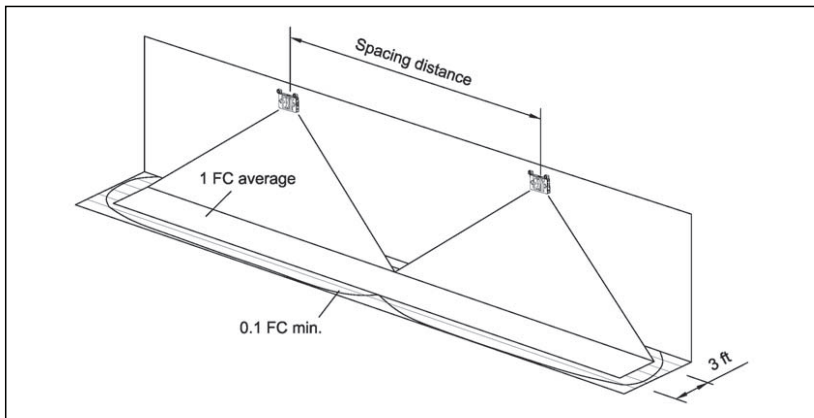
Value+ LED – VLLC Series

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.

Thermoplastic emergency combo

VLLC Series



No.	Model	Spacing distance	Lumen output
1	VLLC Series	16 feet	150 lm

Thermoplastic outdoor

VLL1RGO and VLL2RGO Series

No.	Model	Spacing distance	LED source	Lumen output
1	VLL1RGO Series	8 feet	1W	80 lm
2	VLL2RGO Series	16 feet	1W*2	160 lm

