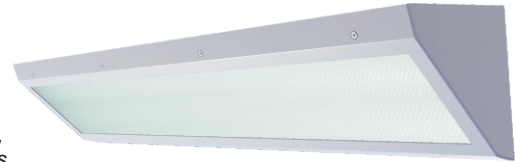


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VRC 24,48 - Confinement

Corner Mount Luminaire
Clamshell Hinged Door
T5, T5HO, T8 Lamps
(Cells, Corridors, Dayrooms)



3524

Product Specifications - Application

The VRC series by Certolux is a specification-grade luminaire for maximum security and vandal resistant applications. The clamshell door design has concealed hinges, tamper resistant fasteners, contraband trapping backplate, and security lenses. This maximizes impact resistance, prevents contraband concealment and unauthorized fixture tampering/penetration.. The luminaire can be corner mounted.

Product Specifications

Housing

Precision die formed 12, 14, or 16 gauge cold rolled steel housing with 12 gauge continuously welded end plates.

Backplate

Die formed 12, 14 or 16 ga. CRS with embossed mounting holes and contraband trap.

Door Frame

Single piece precision die formed with specified material (see product ordering key). Corners are seam welded. Tamper resistant TORX® Head with center pin fasteners secure door frame to housing.

Hinge

Full length concealed piano style hinge with .500" knuckle and .125" pin (Pin is secured to knuckle) welded to door frame and fastened to backplate.

Lens and Lens Retention

Multiple lens choices for both fixture side and room facing side (see product ordering key for options). Lens maximum thickness .625". The lens is secured with adjustable V style brackets with through studs on housing faceplate.

Finish

The luminaire is in a powder painted white finish and offers a high reflectivity coating for improved lighting performance and efficiency.

Electrical

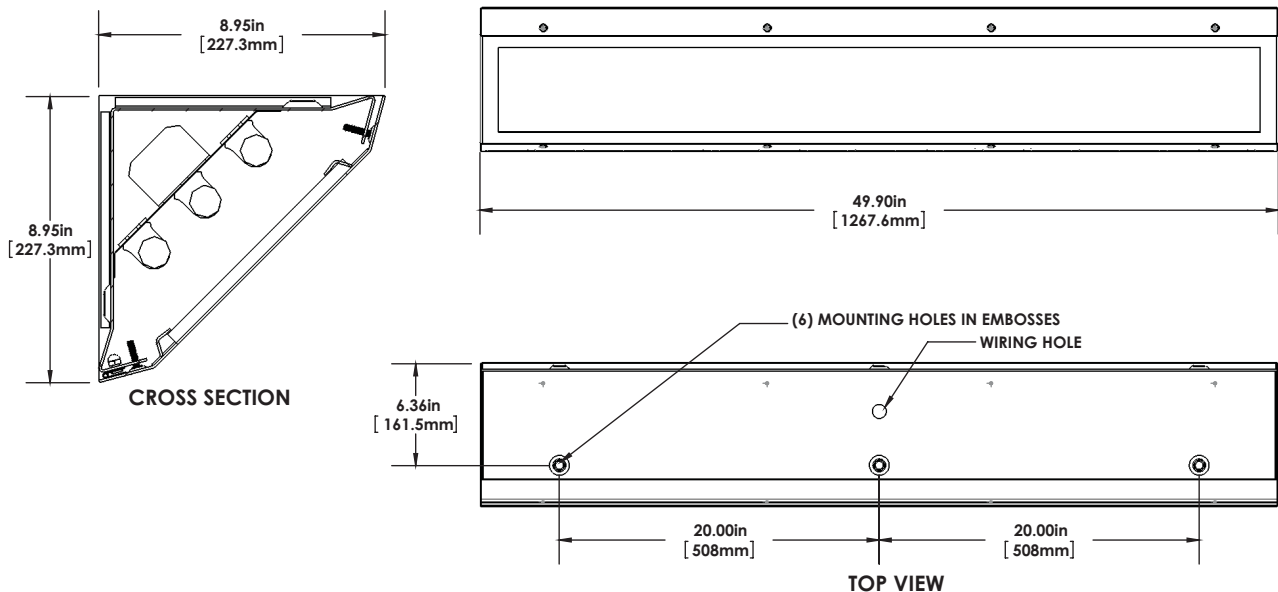
All electrical components are CSA or UL approved. Lamp holders provided ensure positive lamp retention. Standard electronic ballasts are programmed or rapid start, with a THD of less than 20%. Luminaires are provided with an access plate, to facilitate wiring to external power source.

Approvals

Approved to CSA and UL standards.

Vandal
Resistant

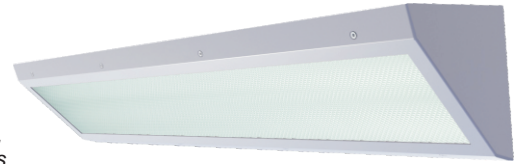
Dimensions



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Ordering

Vandal Resistant

Series	Model	Size (L)	No. of Lamps	Lamp Type	Voltage	Internal Lens	External Lens	Options
VRC-3524		24 48	1L 2L 3L	T5 T5HO T8	120 - 120V 277 - 277V 347 - 347V UNV - 120-277V UN4 - 347-480V +			<p>Ballast Options</p> <input type="checkbox"/> B01 Ballast Disconnect - In-line Power Disconnect (CSA-UL Req'd For Voltages above 150v) <input type="checkbox"/> B02 Dimming Addressable Digital (DALI) <input type="checkbox"/> B03 Dimming Low Voltage <input type="checkbox"/> B08 Ballast - High Ballast Factor <input type="checkbox"/> B09 Ballast - Low Ballast Factor <input type="checkbox"/> B30 Emergency Specified Lighting Battery Pack 1-lamp <input type="checkbox"/> B33 Emergency Lighting Battery Pack 1-lamp <input type="checkbox"/> B34 Emergency Lighting Battery Pack 2-lamp <p>Construction Options</p> <input type="checkbox"/> C47 Camera Compartment 12" (Camera Mounting Details to be provided by others) <p>Packaging Options</p> <input type="checkbox"/> K0 Pack Bulk/Pallet Packed and/or wrapped <input type="checkbox"/> K1 Pack Single <p>Fusing and Breaker Options</p> <input type="checkbox"/> T6 Fuseholder, In-line Single Pole <p>Wiring Options</p> <input type="checkbox"/> V22 Night Light - Compact Fluorescent <input type="checkbox"/> V25 Radio Frequency Filter <input type="checkbox"/> V39 Night Light - White LED <p>Reflector Options</p> <input type="checkbox"/> VF1 Full (95% Reflectance) Specular <p>Approvals Options</p> <input type="checkbox"/> X7 Dual CSA/USA <p>Lamp Options</p> <input type="checkbox"/> Z1 Lamps Installed (Specify Type)

Door/Housing Gauge

B - 16 Ga. CRS (Painted)
C - 14 Ga. CRS (Painted)
D - 12 Ga. CRS (Painted)
F - 16 Ga. SS #304 (Painted)
G - 14 Ga. SS #304 (Painted)
J - 16 Ga. SS #304 (#4 Brushed)**
K - 14 Ga. SS #304 (#4 Brushed)**
** Not Available as Housing Material

Ballast Type

N - Instant Start
P - Prog. Start
R - Rapid Start

Lamp Watts

See Table below

Internal/External Lens

P00 - None
P13 - .125 Prismatic Acrylic
P45 - .125 Clear Polycarbonate
P42 - .156 Prismatic Polycarbonate
P43 - .187 Prismatic Polycarbonate
P46 - .187 Clear Polycarbonate
P49 - .187 Clear Tempered Glass
P08 - .250 Clear Polycarbonate
P50 - .250 Clear Tempered Glass
P47 - .375 Clear Polycarbonate
P51 - .375 Clear Tempered Glass
P48 - .500 Clear Polycarbonate
P52 - .500 Clear Tempered Glass

Note: Maximum lens thickness combined is .625"

Model Numbers relate to specific designs, refer to product photo and Dimension sections for additional details.

Lamp Watts

Size	Nom. Lamp Watts		
	T5	T5HO	T8
24	14	24	17
48	28	54	32

+ T5HO Lamps only

Note: Camera compartment available in Nominal 48" unit only - Lamps will be either 25T8, 39T5HO or 21T5

Other options may be available consult factory.
Specifications and data subject to change without notice

