



SURFACE MOUNT LED

VED360

SERIES 2FT, 4FT, 8FT
® 6 1/2" WIDE DUAL LENSED VOLUMETRIC LUMINAIRE

JOB	
TYPE	
DATE	

WWW.LALIGHTING.COM TEL: 626-454-8300

SUSPENSION / SURFACE / WALL MOUNTED LED LUMINAIRE

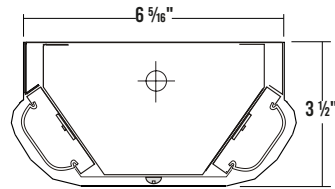


Integrated Sensor Option



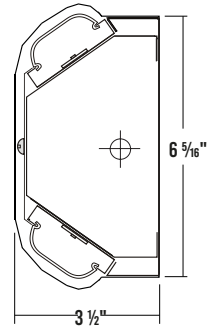
DIMENSIONS

SURFACE MOUNTED



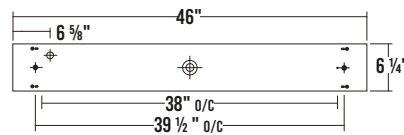
⌀ 7/8" K.O. on side of housing for 1/2" conduit

WALL MOUNTED

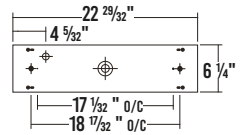


◆ 11/16" Stem Mtg. K.O. ⌀ 2" K.O. ⌀ 7/8" Offset K.O.

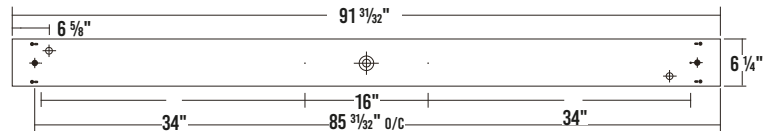
4' BACKPLATE



2' BACKPLATE



8' BACKPLATE



SPECIFICATIONS

CONSTRUCTION

- 22 gauge cold-rolled steel housing
- End plates fastened to housing by steel metal screws to assure rigidity

FINISH

- Baked white polyester finish
- Minimum reflectance 86%

OPTICAL

- Frosted white acrylic lens

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V~277V (347V/480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

LISTING

- UL USA and Canada listed
- Suitable for damp locations

WARRANTY

- 5-year limited warranty
- 10-year limited warranty available

APPLICATIONS

- Corridor, Retail, Commercial, Hospital, Office, Stairwell, Aisle Lighting

FEATURES

- ADA Compliant
- 0-10V Dimming driver standard
- Supports California Title 24 compliance

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Lens
- Controls
- Custom housing colors
- A/B switching
- Emergency battery pack
- Tunable white (2700K-6500K)
- Customization available upon request

CUSTOM COLORS

- BLK - Matte Black
- CS - Camaro Silver
- BZ - Statuary Bronze



Variety of RAL colors available upon request.



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ORDERING INFORMATION

ADDITIONAL OPTIONS AVAILABLE. VISIT WWW.LALIGHTING.COM/RESOURCES FOR MORE INFORMATION

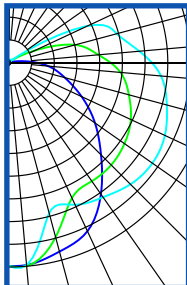
EXAMPLE: VED360-4-4L-FRWA-BPL1.5-DRDM-UNV-2/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	COLOR	OPTICAL	CONTROLS	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
VED360 • 6½" Wide Dual Lensed Volumetric Luminaire	2 - 2000lm 3 - 3000lm 4 - 4000lm 6 - 6000lm 8 - 7000lm High Efficacy 2HE - 2000lm 4HE - 4000lm 6HE - 6000lm	2L • 2ft	(Blank) • Standard White BLK • Matte Black BZ • Statuary Bronze	FRWA • Frosted White Acrylic Lens FRA • Frosted Acrylic Lens *Contact factory for additional lens options	MSPCD(xx) • Motion Sensor & Photocell Dimming (Lens Option) MSPC(xx) • Motion Sensor & Photocell Dimming (Lens Option)	BPL1.5 • Emergency Battery Pack • 1500 lm PIW(xx) • Plug-in Branch Wiring Connector • One or Two Circuit • Low Voltage Dimming C(xx) • Cord 18 gauge 3-wire • Plug Options • NEMA Plug Type • Length of Cord • Location on the fixture • *	DRDM • 0-10V Dimming Driver DRSD • Step Dimming Driver DR2W • 2-Wire Phase Dimming Driver • Requires Specific Voltage Callout *Contact factory for additional driver options	UNV • 120V-277V 120V • 120 Volt 277V • 277 Volt 347V • 347 Volt 480V • 480 Volt *Contact factory for additional voltage options	2 • 2 LED Rows	830 • 80+CRI / 3000K 835 • 80+CRI / 3500K 840 • 80+CRI / 4000K 850 • 80+CRI / 5000K 8TW • Tunable White 827 to 865 • Contact factory regarding lumen packages *Consult factory for available additional options for CRI & CCT
	2 - 2000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm High Efficacy 2HE - 2000lm 4HE - 4000lm 6HE - 6000lm 8HE - 8000lm	4L • 4ft	CS • Camaro Silver AMF Antimicrobial Finish *Consult factory for available RAL options	*Contact factory for additional sensor options	WLC(AWNR-WH) Lutron Athena wireless node (RF) WLC(AWNS-WH) Lutron Athena wireless node w/sensor Additional Lutron options on page (5)	MS(xx) • Motion Sensor	*Contact factory for additional electrical options *Leave blank if not specified	*Contact factory for additional voltage options	*Contact factory for additional driver options	*Consult factory for available additional options for CRI & CCT
	4 - 4000lm 6 - 6000lm 8 - 8000lm 12 - 12000lm 16 - 16000lm High Efficacy 8HE - 8000lm 12HE - 12000lm 16HE - 16000lm	8L • 8ft								
	2/0 Nom. 2000 Lumens Uplight 4/4 Nom. 4000 Lumens Uplight Nom. 4000 Lumens Downlight (Only 2DRDM)									
<p>Standard options for VED360 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.</p>										

PHOTOMETRIC DATA

VED360-12-8L-FRWA-DRDM-UNV-2/840

TEST NO. = LA-T3649
 LED TYPE = 48 LED MODULE
 NO. OF MODULE = 8
 SYSTEM WATT (W) = 75.6
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE = C



ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1462	11.8	14.1
0-40	2486	20.1	24.0
0-60	4900	39.6	47.2
0-90	8047	65.0	77.5
90-120	1742	14.1	16.8
90-150	2262	18.3	21.8
90-180	2331	18.8	22.5
0-180	10378	83.8	100.0

SPACING CRITERION	
ALONG	ACROSS
1.17	1.53

Luminaire Output = 10377.95 lumens
 Luminaire Efficacy = 138.90 lm/W
 Luminaire Efficiency = 83.80%



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SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	VED360-2-2L-FRWA-DRDM-UNV-2/840	1884	15.8	119.52 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8	*
3000 Lumens (Nominal)	VED360-3-2L-FRWA-DRDM-UNV-2/840	2763	24.4	133.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	VED360-4-2L-FRWA-DRDM-UNV-2/840	3599	33.3	108.1 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*
6000 Lumens (Nominal)	VED360-6-2L-FRWA-DRDM-UNV-2/840	4774	52.4	91.2 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F17T8 3-F24T5HO	*
8000 Lumens (Nominal)	VED360-8-2L-FRWA-DRDM-UNV-2/840	6947	53.8	129.2 lm/W	-20°C / 35°C (-4°F / 95°F)	8-F17T8 4-F24T5HO	*

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	VED360-2-4L-FRWA-DRDM-UNV-2/840	1778	15.8	112.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	VED360-4-4L-FRWA-DRDM-UNV-2/840	3943	32.1	123.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	VED360-6-4L-FRWA-DRDM-UNV-2/840	5488	47.6	115.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	LA-T3040
8000 Lumens (Nominal)	VED360-8-4L-FRWA-DRDM-UNV-2/840	6402	71.2	89.9 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*

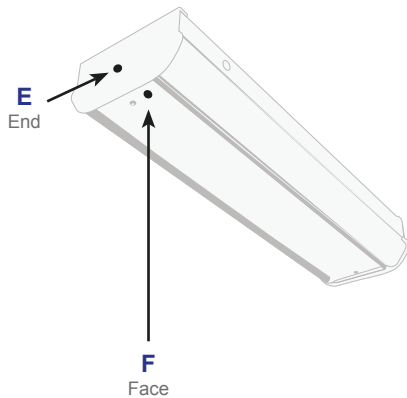
8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	VED360-4-8L-FRWA-DRDM-UNV-2/840	3600	28.2	127.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
6000 Lumens (Nominal)	VED360-6-8L-FRWA-DRDM-UNV-2/840	5346	43.2	123.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	VED360-8-8L-FRWA-DRDM-UNV-2/840	7933	61.5	129.0 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
10000 Lumens (Nominal)	VED360-10-8L-FRWA-DRDM-UNV-2/840	8517	61.4	138.5 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
12000 Lumens (Nominal)	VED360-12-8L-FRWA-DRDM-UNV-2/840	10378	75.6	137.3 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	VED360-16-8L-FRWA-DRDM-UNV-2/840	14120	106.1	133.1 lm/W	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*

NOTE:
System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application.
This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.
Additional lumen packages and color temperatures available.

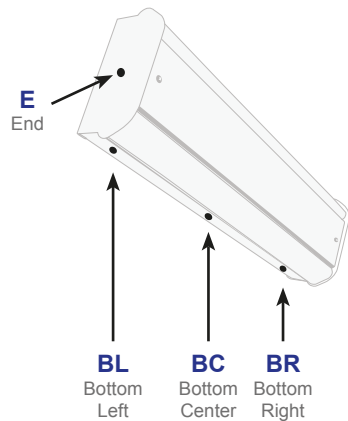
SWITCH OPTION

ADDITIONAL SWITCH OPTIONS AVAILABLE. VISIT WWW.LALIGHTING.COM/RESOURCES FOR MORE INFORMATION

CEILING MOUNT APPLICATIONS



WALL MOUNT APPLICATIONS



Ordering Example

VED360 | 4 | 4L | FRA | PS1BR | DRDM | UNV | 1 | 840

Switch Type

- PS1** On / Off Pull Switch 120V
- PS4** 4-Way Pull Switch 120V
- TS2** Toggle Switch 120V

Switch Location

- BR** Bottom Right
- BC** Bottom Center
- BL** Bottom Left
- F** Face
- E** End



PS1 / PS4



TS2



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INTEGRALLY / END MOUNTED SENSORS

MS E W (LW)

LENS

(L) - Standard 2x Height

(A) - Aisle 3x Height

(H) - High Bay 3x Height

(LW) - Extra Wide 6x Height

(Blank) Leave blank if not specified

WET LOCATION LISTING

(Blank) - Leave blank for damp listed

W - Wet Listed

MOUNTING POSITION

(Blank) - Leave blank for damp listed

S - Side mounted sensor location

E - End mounted sensor location

SENSOR TYPE

MS - Turns light ON/OFF based on motion detection

MSPC - Holds light OFF when sufficient daylight is present regardless of motion

MSSD - Step-dims output with motion detection

MSPCD - Automatically dims output through preset photocell, ON/OFF with motion detection

PCS - Photocell

PCSD - Photocell with step-dimming

Consult chart below for full description of sensor options

MS(W)(Lens Option) - Motion Sensor¹

- Turns light ON/OFF with motion detection

MSSD(W)(Lens Option) - Motion Sensor – Step Dimming (Bi-Level)¹

- Step-dims output with motion detection

MSPC(W)(Lens Option) - Motion Sensor & Photocell¹

- Holds lights OFF when sufficient daylight is present regardless of motion detection

MSPCD(W)(ADC)(Lens Option) - Motion Sensor & Photocell Dimming (Auto Dim Control)¹

- Automatically dims output through preset photocell
- ON/OFF with motion detection

MSPCD(W)(ANL)(Lens Option) - Motion Sensor & Photocell Dimming (Auto Night Light)¹

- Automatically dims output through preset photocell
- Low setting when unoccupied full ON with motion
- For 24 hour use

MSPCDBT(W)(Lens Option) - Motion Sensor & Photocell Dimming (Setup w/Smartphone App)²

- Field adjustable dimming sensor capabilities:
 - » Step-dims (HIGH/LOW output)
 - » Auto Dim Control (dim to desired foot-candles, ON/OFF with motion)
 - » Auto Night Light (dim to desired foot-candles, LOW without motion)
- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Adjustable ramp up & fade down time
- Remote setup & adjustment via the iOS® or Android® sensor configuration app

MSPCDR(W)(Lens Option) - Motion Sensor & Photocell Dimming (setup w/Remote Control)²

- Field adjustable dimming sensor capabilities:
 - » Step-dims (HIGH/LOW output)
 - » Auto Dim Control (dim to desired foot-candles, ON/OFF with motion)
 - » Auto Night Light (dim to desired foot-candles, LOW without motion)
- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Adjustable ramp up & fade down time
- Remote setup & adjustment via handheld wireless tool sold separately P/N: REMOTE(Mfg. Name)

PCSE(W)(Lens Option) - Photocell¹

- Holds lights OFF when sufficient daylight is present regardless of motion detection

PCSDE(W)(Lens Option) - Photocell Sensor & Step Dimming (Bi-Level)¹

- Step-dims light output with motion detection

PCS / SH - Photocell Sensor with Light Shield Dome¹

- Turns light ON/OFF based on light levels
- Comes with Light Shield Dome

PHOTOCELL BUTTON SENSOR

DAMP & WET LOCATION

PCS - Photocell Sensor

- Turns light ON/OFF based on light levels
- Fixture mounting height 8-45ft

Mounting Heights

¹ - 8-45ft

² - 8-40ft

HIGH FREQUENCY MOTION SENSORS

MSH - Motion Sensor High Frequency (Microwave)

- Super high frequency motion sensor (also known as microwave sensor) which detects movement when installed behind low density fixture materials, such as polycarbonate, acrylic and glass diffusers
- Turns light ON/OFF based on motion detection
- Fixture mounting height ~30ft

MSSHSD - Motion Sensor High Frequency Step Dimming (Microwave)

- Step-dims output with motion detection
- Turns light ON/OFF based on motion detection



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WIRELESS CONTROLS

Vive Systems

Vive PowPak Wireless Fixture Controls

WLC(FCJS0) - PowPak Wireless Fixture Control

- RF only. For use with 0-10V drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.

WLC(FCJS0S) - PowPak Wireless Fixture Control with Sensor

- RF with daylight/occupancy sensing. For use with 0-10V drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.
- Sensor must be installed separately.

WLC(FCJSE) - PowPak EcoSystem Wireless Fixture Control

- RF only. For use with Lutron EcoSystem drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.

WLC(FCJSES) - PowPak EcoSystem Wireless Fixture Control with Sensor

- RF with daylight/occupancy sensing. For use with Lutron EcoSystem drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.
- Sensor must be installed separately.

Vive PowPak Sensors

*FC-SENSOR - PowPak Occupancy/Daylight Sensor

- For luminaires with existing PowPak Wireless Fixture Controls.
- Turns luminaire ON/OFF based on motion. Adjusts lumen output in response to ambient light.
- Recommended mounting height: 8-12ft

*FC-VSENSOR - PowPak Vacancy/Daylight Sensor

- For luminaires with existing PowPak Wireless Fixture Controls.
- Turns luminaire OFF when area is vacant. Adjusts lumen output in response to ambient light.
- Recommended mounting height: 8-12ft.

Vive Integral Fixture Controls

WLC(VRF) - Vive Integral Wireless Fixture Control

- RF only. Requires controls-ready driver.
- One fixture control per luminaire, mounting location varies by luminaire.

WLC(VDO) - Vive Integral Wireless Fixture Control

- RF, plus daylight/occupancy sensing. Requires controls-ready driver.
- One fixture control per luminaire, mounting location varies by luminaire.
- Turns luminaire ON/OFF based on motion. Adjusts lumen output in response to ambient light.
- Coverage area at 9ft mounting height: Up to 300 sq.ft for major motions; 150 sq.ft. for minor motions.

How to Order

Pre-installed components are ordered by adding the part number to the luminaire:

GHL320-4-4L-FSW-PA- WLC(FCJS0) -DRDM-UNV-2/840

Components marked with * are ordered separately

Athena Wireless Nodes

Requires Athena-compatible drivers and Clear Connect Gateway - Type X

WLC(AWNR-WH) - Wireless Node (White)

- RF communication node. One per luminaire, integrally mounted.

WLC(AWNS-WH) - Wireless Node (White) with Sensor

- RF, plus daylight/occupancy sensing. One per luminaire, integrally mounted.

WLC(AWNR-BL) - Wireless Node (Black)

RF communication node. One per luminaire, integrally mounted.

WLC(AWNS-BL) - Wireless Node (Black) with Sensor

- RF, plus daylight/occupancy sensing. One per luminaire, integrally mounted.



WLC(AWNR-WH)
Athena Wireless Node



WLC(FCJS0)
PowPak Wireless Fixture Control



FC-SENSOR
PowPak Occupancy/Daylight Sensor



WLC(VDO)
Vive Integral Wireless Fixture Control

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APPLICATIONS

6 ½" WIDE DUAL LENSED VOLUMETRIC SUSPENDED OR WALL MOUNTED LUMINAIRE

The cleverly designed VED360 features provides true volumetric lighting for functionality and flexibility across a variety of applications. Its dual frosted lenses create even illumination throughout the room, including ceilings and hard-to-light corners. The VED360 is available in 2ft, 4ft, and 8ft lengths and features standard 0-10V dimming, multiple lumen packages, and 4-way switching capability.

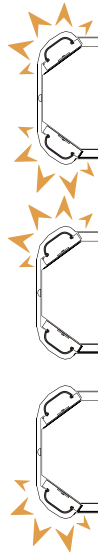
WALL-MOUNTED APPLICATIONS

The VED360's dual lenses make it an ideal choice for healthcare and other applications that require multiple illumination options. When wall-mounted in a hospital room, for example, the upper lens provides soft ambient lighting, while the lower lens provides brighter downlight when required. 4-Way switching allows the dual lenses to be controlled separately for maximum flexibility.

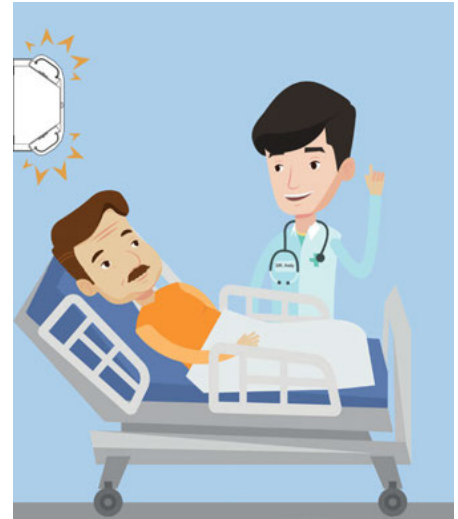
Both light sources On

Ambient light source On

Task light source On



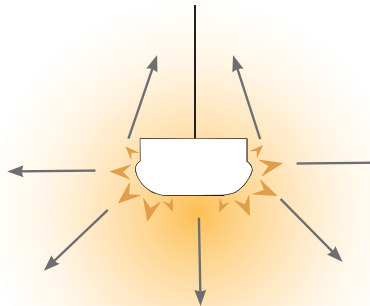
HOSPITAL BED
Wall Mounted



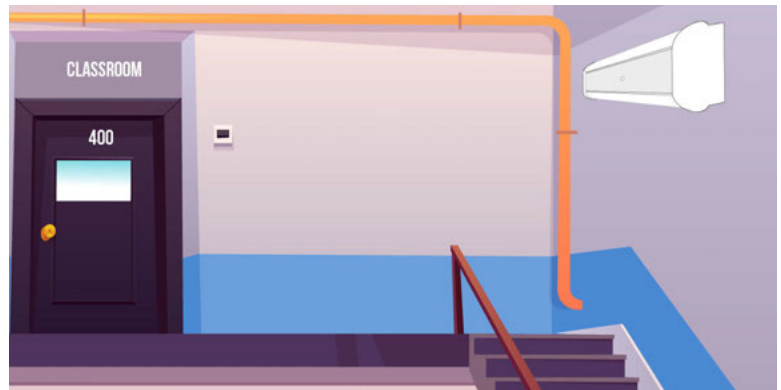
SUSPENSION/SURFACE MOUNTED APPLICATIONS

In classrooms, corridors, retail, and other applications that call for an even distribution of light, the VED360 can be suspended or ceiling-mounted. The unique design pushes 75% of the total output down toward the floor, with the other 25% up to the ceiling to create additional ambient lighting. The dual lenses can be controlled separately, allowing for wall-washing, presentation lighting, and other specialized applications. Optional controls and sensors can be added to save energy and money.

Suspension / Surface Mounted



STAIRWELL
Wall Mounted



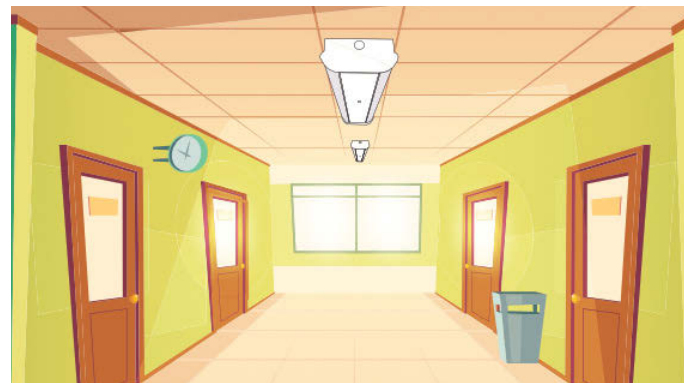
CLASSROOM

Suspension / Surface Mounted



CORRIDOR / HALLWAY

Suspension / Surface Mounted



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