

Project		Catalog #		Type	
Prepared by		Notes		Date	



Corelite

Divide - DRI

WaveStream™ LED
2' x 4' Recessed
2-1/4" Depth

Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Industrial • Manufacturing • Outdoor Roadway • Outdoor Area/Site • Code-Compliance Areas • Sports Venues • Residential

Interactive Menu

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Product Certification



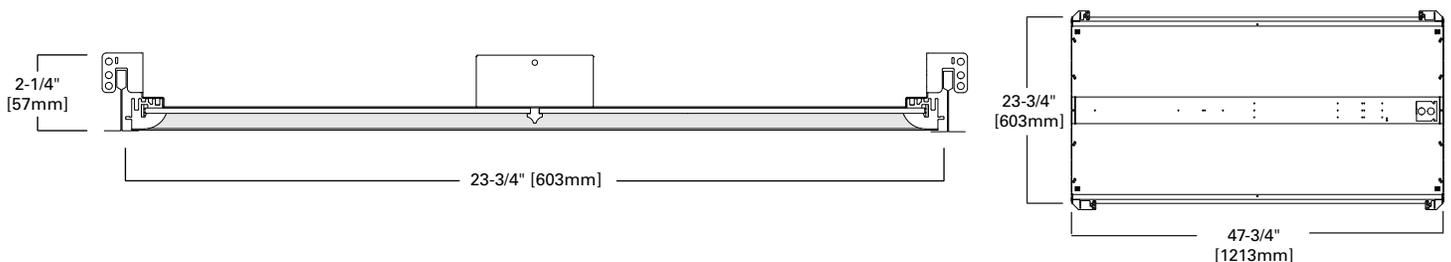
Product Features



Top Product Features

- Modern, ultra-shallow design complemented with functionally engineered features
- Multiple lumen packages with efficacies up to 138 lumens per watt
- Three CCT options: 3000K, 3500K and 4000K at 85 CRI
- Architecturally inspired Divide™ series powered by WaveStream™ LED
- Integral Daylight/Occupancy sensors available

Dimensional and Mounting Details



[additional product diagrams](#)

Order Information

SAMPLE ORDER NUMBER: **DRI-WS-2L935-UNV-24-T1-STD-SVPD1-EL14W-AM**

Series	Optics	Light Level (2x4 Nominal delivered lumens)	Color Temperature	Input Voltage	Size
Series ⁽¹⁾⁽²⁾	Optics	Light Level (2x4 Nominal delivered lumens)	Color Temperature	Input Voltage	Size
DRI =Divide Recessed	WS =WaveStream Specular Optic WD =WaveStream Diffuse Optic	1 =Light Level 1 (3000 Lms, 23W) 2 =Light Level 2 (4000 Lms, 31W) 3 =Light Level 3 (5000 Lms, 40W) 4 =Light Level 4 (6000 Lms, 49W) 5 =Light Level 5 (7000 Lms, 62W)	L30 = LED 3000K L35 = LED 3500K L40 = LED 4000K	UNV =Universal (120V-277V) 347 =347V ⁽³⁾	24 =2' x4'
Notes (1) DesignLights Consortium™ Qualified and classified for DLC Standard and DLC Premium, refer to www.designlights.org for details. (2) Dimming wires come standard in all LED fixtures but can be capped in the field for standard switched operation.	Notes	Notes	Notes	Notes (3) Integral 347V electronic driver with STD 0-10V option only. Factory supplied remote transformer for all other driver/dimming options.	Notes

Ceiling Type	Driver Type	Integral Sensor (Optional)	Emergency (Optional)	Options
Ceiling Type	Driver Type	Integral Sensor (Optional)	Emergency (Optional)	Options
T1 =1" T-Bar, Slot Grid, and 9/16" Tegular ⁽⁴⁾	STD =Standard 0-10V (10%-100%) HCD =0-10V (1%-100%) ⁽⁶⁾ STP =Step Dimming (Bi-Level, 50%) ⁽⁷⁾ 5LT =Fifth Light DALI (1%-100%) ⁽⁵⁾ 5LTHD =Fifth Light DALI (1%-100%) ⁽⁵⁾⁽⁸⁾ SR =Sensor Ready (1%-100%)	SVPD1 =Integrated Occupancy/Daylight Sensor for Local Control ⁽⁹⁾ SWPD1 =WaveLinX Wireless Integral Sensor ⁽¹⁰⁾ LWIPD1 =Lumawatt Pro Wireless Integral Sensor ⁽¹¹⁾	EL14W =14-watt 120V-277V Integral EM Battery Pack ⁽¹²⁾ GTD2 = Generator Transfer Device ⁽¹³⁾	AM =Anti-microbial Coating CP =Chicago Plenum W6 =6' Whip Flex W12 =12' Whip Flex
Notes (4) "T1" ceiling type is compatible with Metalux DF Series Drywall Frame Kits and Metalux Universal Surface Mount Kits, ordered separately from Metalux. For 2x4 drywall frame kit, order part #DF-24-W . For 2x4 surface mount kit, order part #SK-24-WS .	Notes (5) Must be used in conjunction with a DALI control system. For a complete listing of Fifth Light Technology products and other solutions from Cooper Controls, visit www.eaton.com/lightingsystems . (6) 2x4: Two HCD drivers required for Light Level 5. (7) 2x4: STP driver not available in Light Level 1. (8) 2x4: Two FLTHD drivers required for Light Levels 4 and 5.	Notes (9) SV sensor works only with 0-10V drivers and is factory prewired to the driver for stand-alone control. Order part #ISHH-01 for Programming Remote and part #ISHH-02 for Personal Control Remote. (10) SW sensor works only with STD and HCD 0-10V drivers. Designed for use with the WaveLinX Wireless Connected Lighting system. For complete WaveLinX wireless solutions, visit www.eaton.com/wavelinx . (11) LWI sensor option requires the use of the SR driver. Must be used in conjunction with a LumaWatt Pro control system. For complete LumaWatt Pro wireless solutions, visit www.eaton.com/lumawattpro .	Notes (12) Integral emergency battery pack is 14W maximum, 90 minute output. A test switch/indicator button can be tested safely from the ground using a laser pointer, while the patented EZ Key prevents accidental discharge of the battery during construction. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 14 = 1400 lumens). (13) Used to transfer fixture to secondary power source for life-safety operation. When used with a dimming fixture, two devices are required to ensure control is disabled while operating under emergency power.	Notes

Product Specifications

Construction

- 2-1/4" housing depth constructed of extruded aluminum and die-formed, code gauge cold rolled steel
- Integral gear tray measures 3-3/8" wide and accommodates electronic driver

Optics

- Optical grade acrylic embedded with patented Accu-Aim™ micro-optics for optimal distribution
- Specular (WS) or diffuse (WD) optical patterns are available

Finish

- Housings and back reflector are high reflectance white using electrostatically applied polyester powder coat paint

LED and Light Engine

- LED's are available in 3000K, 3500K, 4000K
- LED light engines located on outer edge of fixture for ideal thermal management and increased product life
- TM21 life at 60,000 hours up to L87 and calculated L70 exceeds 256,000 hrs
- Standard drivers are 0-10 volt continuous dimming that work with any 0-10V control/dimmer

Integrated Controls

- WaveLink Wireless compatible
- LumaWatt Pro sensor compatible

Mounting

- Universal flange design works with most lay-in ceiling types
- Integral Pry-out tabs secure luminaire to ceiling grid from above
- Fixture offers tie-in locations for tie-wire on all corners
- Consult local code for appropriate tie-wire recommendations

Emergency Options

- Optional 120-277V emergency battery available in 14W
- 90-minute backup period for code compliance
- Test switch with laser pointer and testing from floor feature for ease of use
- EZ Key feature prevents accidental discharge during construction
- For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 14 = 1400 lumens)
- UL 924 emergency/generator transfer options available

Weight

- 28.0 lbs

Compliance

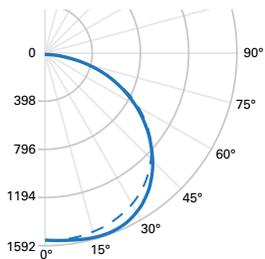
- cULus listed for damp locations
- RoHS compliant
- Tested to IESNA LM-79 and LM-80
- Stated life per TM21 standards
- Can be used for State of California Title 24 high efficacy luminaire
- DesignLights Consortium™ Qualified and classified for DLC Standard and DLC Premium, refer to www.designlights.org for details.

Warranty

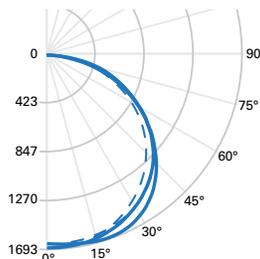
- Five year warranty standard.

Photometric Data

[View IES files](#)



FILE NAME:
DRI-WS-3L835-UNV-24-T1-STD.IES
LAMP: (LD2) LED 3500K
LUMENS: 5182 Lm
WATTS: 40.3 W
EFFICACY: 129 Lm/W
TEST NO.: P189129
SC: (H) 1.35, (L) 1.37
0° (H) - - - - -
90° (L) - - - - -



FILE NAME:
DRI-WD-3L835-UNV-24-T1-STD.IES
LAMP: (LD2) LED 3500K
LUMENS: 5246 Lm
WATTS: 40.3 W
EFFICACY: 130 Lm/W
TEST NO.: P189097
SC: (H) 1.29, (L) 1.29
0° (H) - - - - -
90° (L) - - - - -

Note: Refer to IES files for more product data.

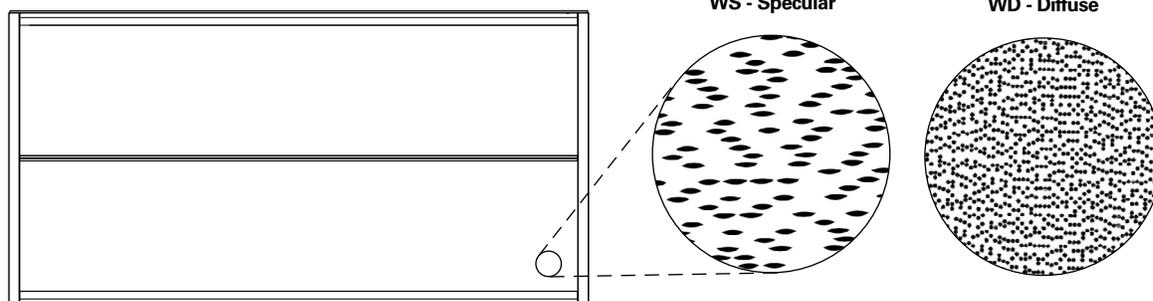
Energy and Performance Data

2x4 – Divide Light Level Outputs and Distributions (3500K)				
Series	Light Level	Delivered Lumens	Wattage	Efficacy (LPW)
DRI-WS	1	3078	23.1	133
	2	4131	31.3	132
	3	5182	40.3	129
	4	6238	49.9	125
	5	7408	61.7	120
DRI-WD	1	3116	22.9	136
	2	4182	31.3	133
	3	5246	40.3	130
	4	6316	49.9	127
	5	7500	61.7	122

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	>87%	256,000

WaveStream Accu-Aim Optic Patterns



Control Systems

- WaveLinx
- DLVP
- LumaWatt Pro
- iLumin Plus
- VividTune

SVPD1 Integrated Sensor

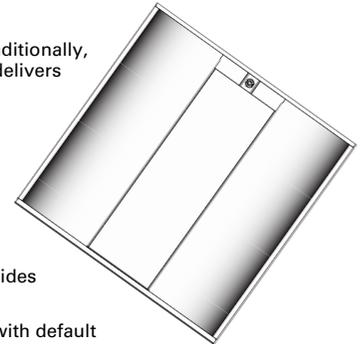
The Divide DRI with Integrated Sensor technology provides automatic energy savings without sacrificing performance. Traditionally, these types of energy savings required coordination between the luminaire and a lighting control system. The Divide DRI delivers superior lighting with integrated occupancy and daylighting controls.

Capture the benefits of traditional lighting controls, without complicated coverage planning or special wiring. Ideal for new construction or retrofit, the Divide DRI delivers automatic ON to an energy saving light level, while ensuring lighting is turned OFF when the space is unoccupied.

The integral daylight sensor reduces the need for special daylight zone planning. Each luminaire will automatically adjust the light level based on reflected light beneath the sensor in a closed loop method.

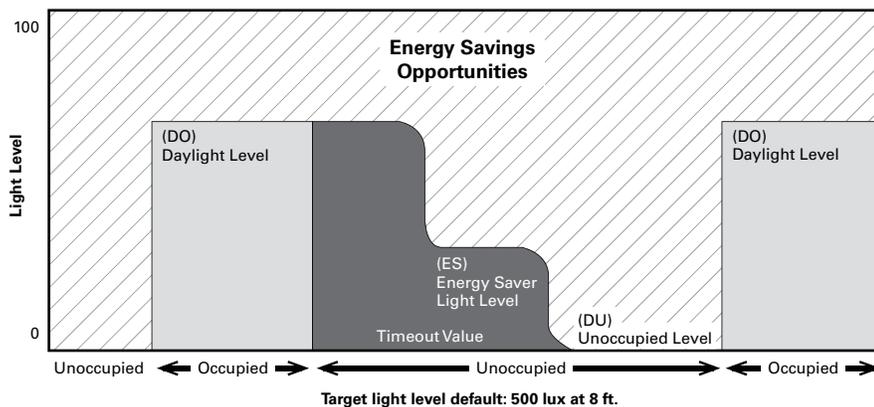
Occupied daylight light levels and unoccupied light levels can be adjusted using the integrated sensor programming remote (Catalog Number: ISHH-01). The integrated sensor personal remote (Catalog Number: ISHH-02) provides code compliant manual raise, lower, ON, OFF control.

The Divide DRI with Integrated Sensor is easy to install with no special wiring and ensures energy savings out-of-the-box with default control settings.



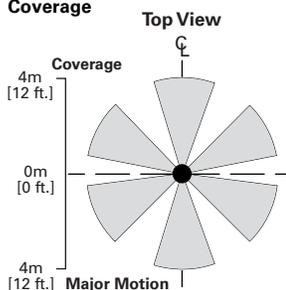
How it works:

- As the user enters the space controlled by the integral sensor, the lighting turns ON to the daylight level (default 500 lux).
- Lighting will remain at the daylight level until the space is unoccupied. This will start the occupancy timeout period (default 20 minutes).
- If the space remains unoccupied for half of the timeout period, the lighting will automatically reduce to the Energy Saver light level. This adjustable light level is typically half of the occupied daylight level.
- At the end of the timeout period the lighting will go to the unoccupied light level. This adjustable light level uses the OFF default setting.



ISHH-01 Programming Remote

Coverage



Side View

