Corelite

Divide - DRI

WaveStream™ LED
1' x 4' Recessed
2-¼" Depth

Typical Applications

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

Interactive Menu

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

2-1/4"
[57mm]

11-3/4" [298mm]

11-3/4"
[298mm]

47-3/4" [1213mm]
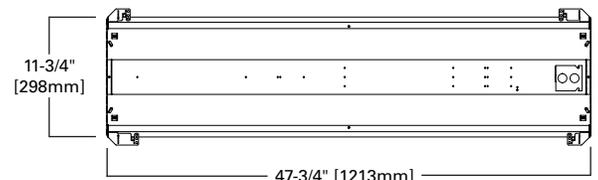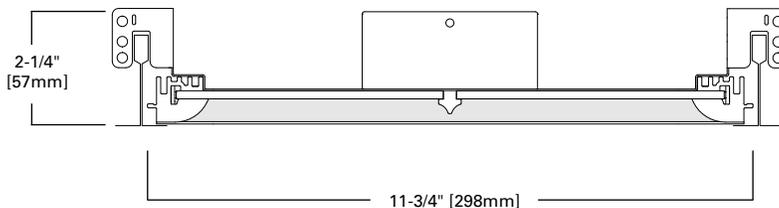
additional product diagrams

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Order Information

SAMPLE ORDER NUMBER: **DRI-WS-3L35-UNV-14-T1-HCD-SVPD1-EL14W**

Series	Optics	Light Level (1x4 Nominal delivered lumens)	Color Temperature	Input Voltage	Size
Series [1][2]	**Optics**	**Light Level** (1x4 Nominal delivered lumens)	**Color Temperature**	**Input Voltage**	**Size**
DRI=Divide Recessed	**WS**=WaveStream Specular Optic **WD**=WaveStream Diffuse Optic	**1**=Light Level 1 (2000 Lms, 16W) **2**=Light Level 2 (3000 Lms, 24W) **3**=Light Level 3 (4000 Lms, 34W) **4**=Light Level 4 (5000 Lms, 43W) **5**=Light Level 5 (6000 Lms, 54W)	**L30**=LED 3000K **L35**=LED 3500K **L40**=LED 4000K	**UNV**=Universal (120V-277V) **347**=347V [3]	**14**=1'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 (1%-100%) **SR**=Sensor Ready (1%-100%) **5LT**=DALI (1%-100%) **LH**=Lutron HiLume 1% EcoSystems	**SVPD1**=Integrated Occupancy/Daylight Sensor for Local Control [5] **WAA**=WaveLinx Pro Wireless Integral Sensor [6]	**EL14W**=14-watt 120V-277V Integral EM Battery Pack [7] **GTD2**=Generator Transfer Device [8]	**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 1x4 drywall frame kit, order part **#DF-14-W**. For 1x4 surface mount kit, order part **#SK-14-WT**.	**Notes**	**Notes** (5) 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. (6) 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 cooperlighting.com	**Notes** (7) 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). (8) 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

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
- 15.0 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.
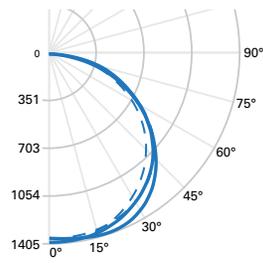
Warranty
- Five year warranty standard.

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Photometric Data
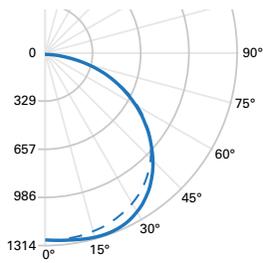
FILE NAME:
DRI-WS-3L35-UNV-14-T1-STD.IES
LAMP: (LD2) LED 3500K
LUMENS: 4290 Lm
WATTS: 33.6 W
EFFICACY: 128 Lm/W
TEST NO.: P189107
SC: (∥) 1.35, (⊥) 1.39

0° (∥) – – – – –
90° (⊥) ———————

FILE NAME:
DRI-WD-3L35-UNV-14-T1-STD.IES
LAMP: (LD2) LED 3500K
LUMENS: 4526 Lm
WATTS: 33.6 W
EFFICACY: 135 Lm/W
TEST NO.: P189075
SC: (∥) 1.3, (⊥) 1.36

0° (∥) – – – – –
90° (⊥) ———————

Note: Refer to IES files for more product data.

Energy and Performance Data

1x4 – Divide Light Level Outputs and Distributions (3500K)				
Series	Light Level	Delivered Lumens	Wattage	Efficacy (LPW)
DRI-WS	1	2096	16.3	129
	2	3173	24.3	131
	3	4290	33.6	128
	4	5380	43.3	124
	5	6470	53.8	120
DRI-WD	1	2211	16.1	137
	2	3347	24.3	138
	3	4526	33.6	135
	4	5676	43.3	131
	5	6825	53.8	127

Lumen Maintenance

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

WaveStream Accu-Aim Optic Patterns

WS - Specular

WD - Diffuse

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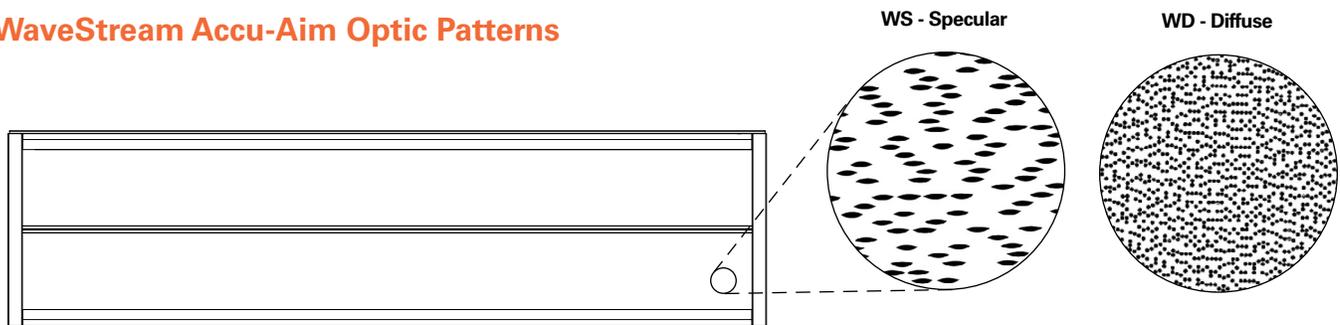
🖈 Control Systems

- WaveLinx Pro Wireless
- WaveLinx Lite Wireless
- WaveLinx Wired
- DVLP

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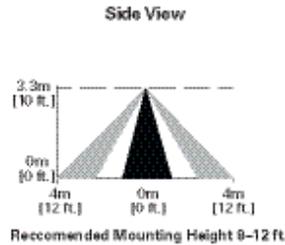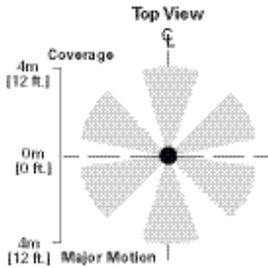
Capture the benefits of traditional lighting controls, without complicated coverage planning or special wiring. Ideal for new construction or retrofit, the Divide DRI delivers automatic ON to an energy saving light level, while ensuring lighting is turned OFF when the space is unoccupied.

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.

For additional information integrated sensors and connected lighting, please visit Cooper Lighting Solutions' Connected Lighting Website.

Top View
Coverage
4m [12 ft.]
0m [0 ft.]
4m [12 ft.] Major Motion

Side View
3.3m [10 ft.]
0m [0 ft.]
4m [12 ft.]   0m [0 ft.]   4m [12 ft.]
Reccomended Mounting Height 9–12 ft.

	Luminaire with standalone sensor	Standalone Spaces WaveLinx LITE	Networked Spaces WaveLinx PRO	Enterprise WaveLinx CORE
Occupancy	Yes	Yes	Yes	Yes
Daylighting	Yes	Yes	Yes	Yes
Wallstations	–	Yes	Yes	Yes
Gateways	–	–	1 WAC	300 WACs
Devices (MAX)	–	50 per Area (1400 per site)	200 per WAC2	32,500 per CORE Enterprise
Software	–	WaveLinx LITE Mobile App	WaveLinx Mobile App	CORE
Areas	–	28 per Site	50 per WAC2	up to 3,000
Zones	–	16 per Area	16 per Area	up to 9,000
Scheduling	–	–	Local	Global
VividTune™	–	–	Yes	Yes
Plug-Load Control	–	–	Yes	Yes
Low-Voltage Power	–	–	Yes	Yes
Integration	–	–	–	BACnet, API
Dashboards	–	–	–	Energy, Occupancy
Configuration	–	Installer	Technician	Technician / IT

SCALABILITY

devices → areas → floors → buildings

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