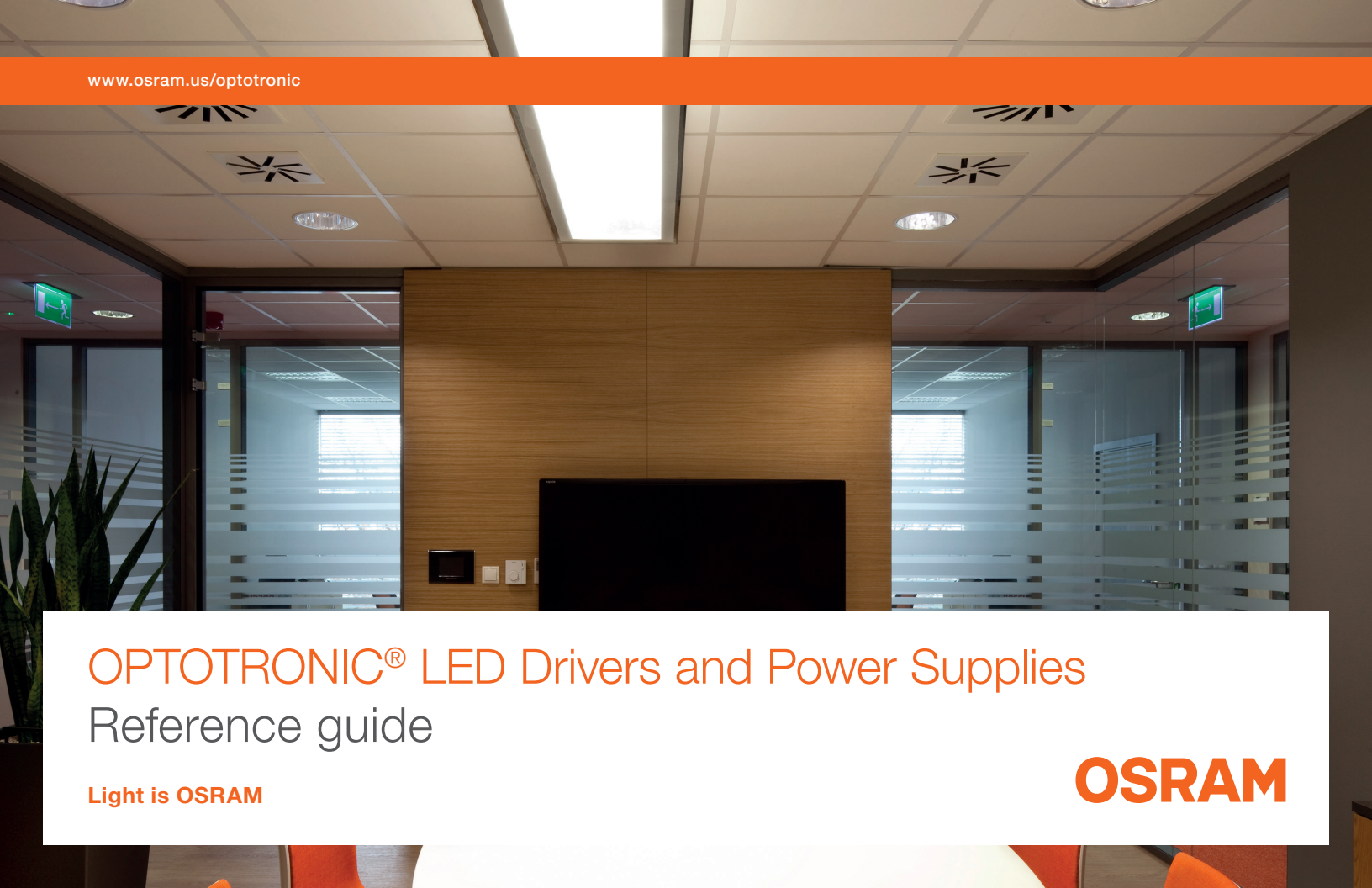


A photograph of a modern office interior. The ceiling features a grid of square acoustic tiles with several recessed circular and rectangular light fixtures. The walls are primarily composed of light-colored wood paneling. A large, dark rectangular screen or monitor is mounted on the wood wall. To the left and right of the wood wall are glass partitions with horizontal frosted stripes. A green exit sign is visible on the glass partition to the right. A potted plant is visible on the far left. The overall lighting is bright and even.

# OPTOTRONIC® LED Drivers and Power Supplies

## Reference guide

Light is OSRAM

**OSRAM**

# Powerful, customized solutions you can depend on

The OSRAM Family of OPTOTRONIC® LED power supplies features a complete portfolio of constant voltage and constant current drivers. The following pages showcase the OPTOTRONIC family of products by form factor and include detailed specifications.

All OPTOTRONIC LED power supplies meet the highest industry standards for robust performance and reliability and are backed by a 5-year warranty.

Build your own LED system with our new design-in web tools. Pair an OSRAM PrevaLED® light engine with an OPTOTRONIC power supply and see the results! Get started today at [www.osram.us/dstools](http://www.osram.us/dstools).

For more information about OPTOTRONIC LED power supplies, visit [www.osram.us/optotronic](http://www.osram.us/optotronic).



# OPTOTRONIC® LED Drivers and Power Supplies

## Portfolio Selection Map

### Constant Current Drivers

| Indoor                 |                  |             | Outdoor*  |          |
|------------------------|------------------|-------------|-----------|----------|
| 0-10V                  | Emergency Driver | DEXAL       | 0-10V     | DALI     |
| 120-277V               |                  |             |           |          |
| OT 30W                 | OTi EM 30***     | OTi DX 30W* | OT 50W*   | OTi 60W* |
| OT 50W                 | OTi EM 30 SLIM   |             |           |          |
| OTi 20W*               | OTi EM 50***     | OTi DX 50W* | OT 100W*  |          |
| OTi 25W*               | OTi EM 50 SLIM   |             |           |          |
| OTi 30W*               |                  | OTi DX 85W* | OT 180W*  |          |
| OTi 40W*               |                  |             | OTi 50W   |          |
| OTi 48W*               |                  |             | OTi 95W*  |          |
| OTi 50W*               |                  |             | OTi 100W* |          |
| OTi 55W                |                  |             | OTi 200W  |          |
| OTi 85W*               |                  |             |           |          |
| Current Select Drivers |                  |             |           |          |
| OT 35W                 |                  |             |           |          |
| OT 50W                 |                  |             |           |          |
| OT 55W                 |                  |             |           |          |
| 347V                   |                  |             |           |          |
| OTi 30W*               |                  |             | OT 100W*  |          |
| OTi 48W*               |                  |             | OT 180W*  |          |
| OTi 50W*               |                  |             |           |          |
| OTi 85W**              |                  |             | OTi 95W   |          |

\*Programmable and Dimmable  
 \*\*Indoor drivers available only in 347-480V.  
 \*\*\*Compatible with both 8x2 and 4x4 Battery Packs.

### Constant Voltage Power Supplies

| Indoor/Outdoor |            |
|----------------|------------|
| 12V            | 24V        |
| 120-277V       |            |
| OT 20W         | OT 20W     |
| OT 60W         | OT 50W     |
| OT 60W DIM     | OT 96W     |
|                | OT 96W JBX |
|                | OT 96W DIM |

# OPTOTRONIC® Constant Current Linear Drivers



| No.             | NAED  | Ordering Description               | Input Voltage (V <sub>AC</sub> ) | Max Output Power (W) | Output Current (mA) | Output Voltage Range (V <sub>DC</sub> ) | Dimensions               |
|-----------------|-------|------------------------------------|----------------------------------|----------------------|---------------------|-----------------------------------------|--------------------------|
| <b>120-277V</b> |       |                                    |                                  |                      |                     |                                         |                          |
| 1               | 57453 | OTi 20/120-277/0A7 DIM-1 L AUX G2  | 120-277V                         | 20                   | 150-700             | 10-55                                   | 11.02"l x 1.15"w x 1.0"h |
| 2               | 57431 | OTi 20/120-277/0A7 DIM-1 L G2      | 120-277V                         | 20                   | 150-700             | 10-55                                   | 11.02"l x 1.15"w x 1.0"h |
| 3               | 57454 | OTi 30/120-277/1A0 DIM-1 L AUX G2  | 120-277V                         | 30                   | 150-1050            | 10-55                                   | 11.02"l x 1.15"w x 1.0"h |
| 4               | 57433 | OTi 30/120-277/1A0 DIM-1 L G2      | 120-277V                         | 30                   | 150-1050            | 10-55                                   | 11.02"l x 1.15"w x 1.0"h |
| 5               | 57455 | OTi 48/120-277/2A0 DIM-1 L AUX G2  | 120-277V                         | 48                   | 700-2000            | 10-55                                   | 11.02"l x 1.15"w x 1.0"h |
| 6               | 57434 | OTi 48/120-277/2A0 DIM-1 L G2      | 120-277V                         | 48                   | 700-2000            | 10-55                                   | 11.02"l x 1.15"w x 1.0"h |
| 7               | 57456 | OTi 50/120-277/1A4 DIM-1 L AUX G2  | 120-277V                         | 50                   | 400-1400            | 10-55                                   | 11.02"l x 1.15"w x 1.0"h |
| 8               | 57452 | OTi 50/120-277/1A4 DIM-1 L G2      | 120-277V                         | 50                   | 400-1400            | 10-55                                   | 11.02"l x 1.15"w x 1.0"h |
| 9               | 57420 | OTi 85/120-277/2A3 DIM-1 L         | 120-277V                         | 85                   | 700-2300            | 10-55                                   | 16.73"l x 1.16"w x 1.0"h |
| 10              | 57421 | OTi 85/120-277/2A3 DIM-1 L AUX     | 120-277V                         | 85                   | 700-2300            | 10-55                                   | 16.73"l x 1.16"w x 1.0"h |
| 11              | 57422 | OTi 85/120-277/2A3 DIM L           | 120-277V                         | 85                   | 700-2300            | 10-55                                   | 16.73"l x 1.16"w x 1.0"h |
| 12              | 57424 | OTi 85/120-277/2A3 DIM-1 L HB*     | 120-277V                         | 85                   | 700-2300            | 10-55                                   | 16.73"l x 1.16"w x 1.0"h |
| 13              | 57425 | OTi 85/120-277/2A3 DIM-1 L HB* AUX | 120-277V                         | 85                   | 700-2300            | 10-55                                   | 16.73"l x 1.16"w x 1.0"h |
| 14              | 57426 | OTi 85/120-277/2A3 DIM L HB*       | 120-277V                         | 85                   | 700-2300            | 10-55                                   | 16.73"l x 1.16"w x 1.0"h |
| 15              | 57435 | OT 35W/UNV/0A75 CS L               | 120-277V                         | 35                   | 750-2300            | 20-46                                   | 11"l x 1.2"w x 1.0"h     |
| 16              | 57436 | OT 35W/UNV/0A75 CS DIM L           | 120-277V                         | 35                   | 750-2300            | 20-46                                   | 11"l x 1.2"w x 1.0"h     |
| 17              | 57439 | OT 50W/UNV/1A4 CS L                | 120-277V                         | 50                   | 750-2300            | 20-46                                   | 11"l x 1.2"w x 1.0"h     |
| 18              | 57440 | OT 50W/UNV/1A4 CS DIM L            | 120-277V                         | 50                   | 750-2300            | 20-46                                   | 11"l x 1.2"w x 1.0"h     |
| 19              | 57437 | OT 55W/UNV/1A2 CS L                | 120-277V                         | 55                   | 750-2300            | 20-46                                   | 11"l x 1.2"w x 1.0"h     |
| 20              | 57438 | OT 55W/UNV/1A2 CS DIM L            | 120-277V                         | 55                   | 750-2300            | 20-46                                   | 11"l x 1.2"w x 1.0"h     |

\*HB refers to highbay versions that have 6kV surge protection