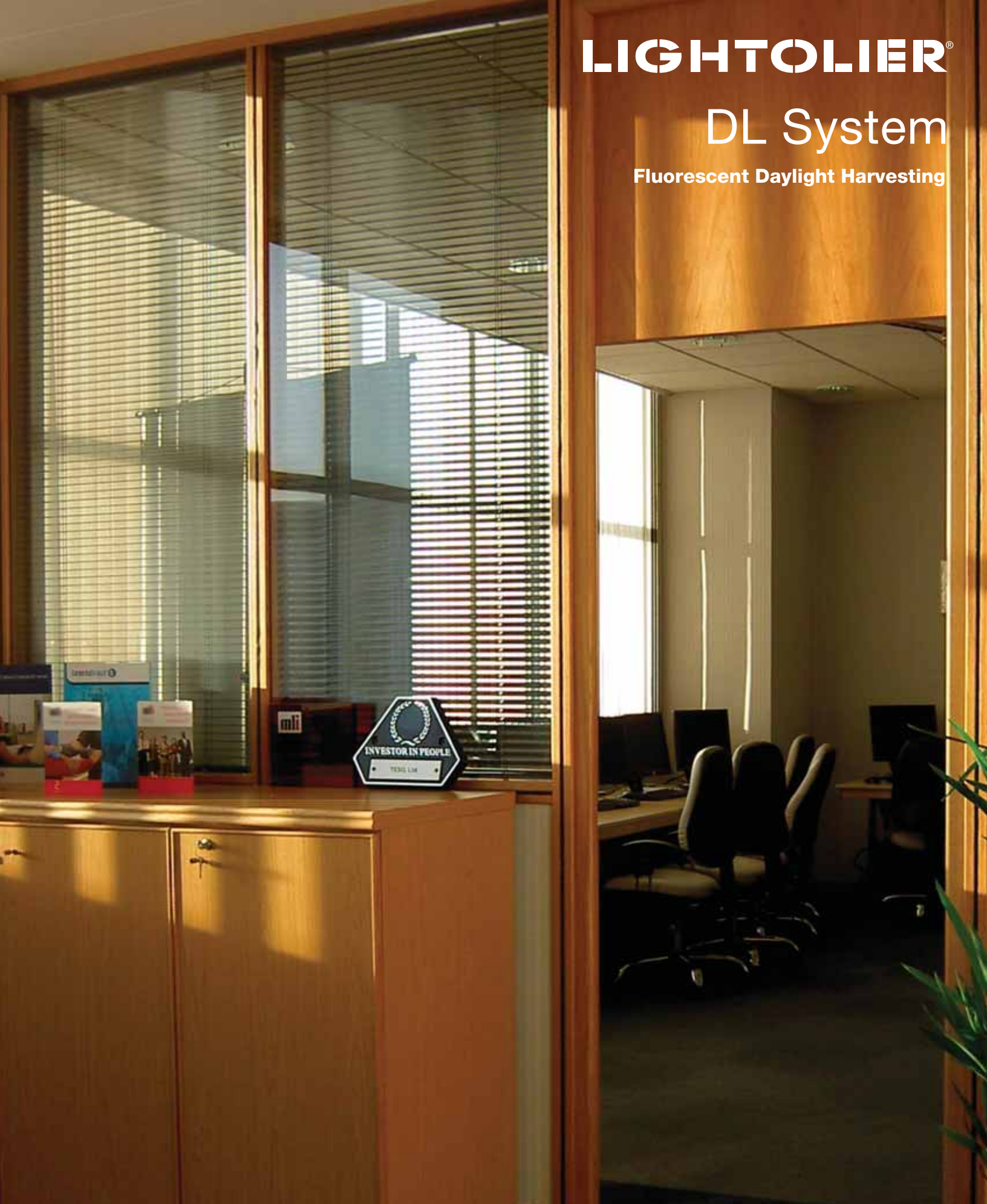


**LIGHTOLIER®**

**DL System**

**Fluorescent Daylight Harvesting**



Lightolier is a Philips group brand

**PHILIPS**

# DL System

Fluorescent Daylight  
Harvesting Made Easy



ULM-EZR Module can be relocated at any time with out use of tools.



Even when you have selected the most energy efficient luminaire/ballast/lamp combination for your space, additional energy savings can be made by utilizing natural daylight through use of controls. In the past, many have felt "Daylighting" was too complicated because of the wiring required for the interface of the fixtures to the control sensors, the adjustability of the sensors and the inflexibility if you relocated furniture or it did not quite work to your satisfaction.

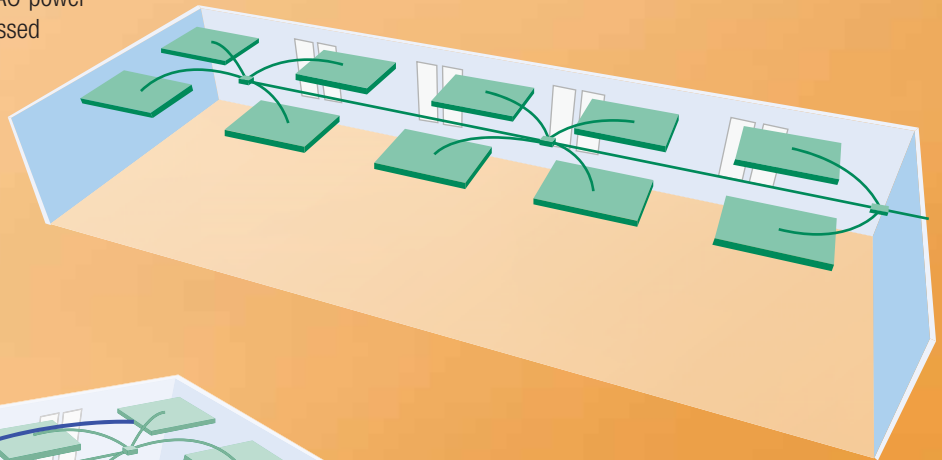


ULM-EZR Module blends in with the ceiling system.

# NOW, LIGHTOLIER makes DAYLIGHTING as EASY as 1-2-3

1.

Install Lightolier recessed luminaires\* which include a 0-10 volt dimming ballast and the **#EZR** option per your Lighting Layout and connect to AC power as you normally would any recessed luminaire.



UL2F-EZR Module

2.

Install a ULM-EZR module in the ceiling, positioning it 6 to 10 feet from windows and over a work surface (it must be within 10 ft of a luminaire).

Using the low voltage plug-in 12' long CAT5 cables provided with the luminaires\*, connect the luminaire and ULM-EZR module.

An additional CAT5 cable will be provided with each luminaire\* to plug in additional luminaires\* as in a daisy chain. Up to 20 luminaires\* can be connected to a single ULM-EZR module.

ULM-EZR modules can be moved or added at any time merely by plugging or unplugging the CAT5 cables.

Both ULM-EZR modules and fixtures have proprietary RJ45 dual receptacles for the CAT5 cable with RJ45 plugs.

ULM-EZR module sensor placement guidelines:

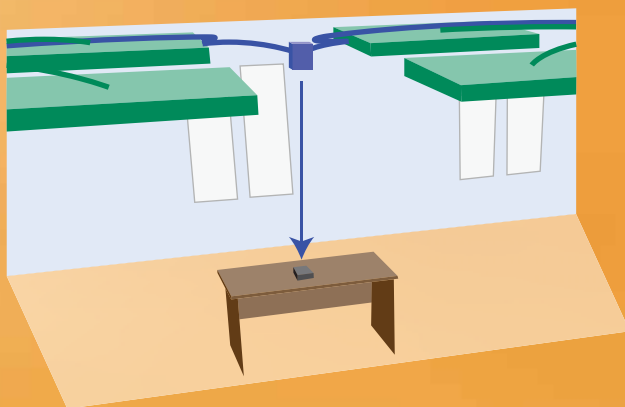
Before adjusting sensor settings, check to make sure they have been installed in accordance with the following guidelines:

Sensor **SHOULD** be located

- Between 6-10' away from window
- Over work surfaces

Sensor **should NOT** be located

- Over very dark surfaces (e.g. dark carpet or furniture)
- Over highly reflective surfaces (e.g. polished floors or tables)
- Outside the daylit zone (typically beyond 15' from window)



3.

When there is no daylight, place a lightmeter on the work surface and take a footcandle reading.

Adjust to desired footcandle level by rotating the sensor in the face of the ULM-EZR Module.



To get **MORE** light on desk from the luminaire, close aperture by rotating it counter-clockwise. The lamps will get brighter.



To get **LESS** light on desk from the luminaire, open aperture by rotating it clockwise. The lamps will dim down.



The sensors are factory pre-calibrated to 45fc on the horizontal, assuming standard reflectances (80/50/20), ceiling heights (8-10') and work surfaces (2.5'). To return to the default setting, rotate the aperture until it 'clicks' back into place at the mid-point.

## Ordering Guide:

The DL System is the combination of the ULM-EZR Module (UF2F-EZR) and a Lightolier recessed fluorescent fixture\* with a 0-10 volt dimming ballast and the **#EZR** option. This option includes integrated RJ45 receptacles and a 12 foot long CAT5 cable.

The Module and luminaire need to be ordered separately.

**ULM-EZR Module:** Catalog Number **UL2F-EZR**

DL System Fixture: Specify a Lightolier recessed fluorescent fixture\* with a 0-10 volt, 2 wire, dimming ballast and then add suffix **#EZR**

**Example:** CFS2GPF232UNVM7-**#EZR**

M7 Denotes Advance Mark VII dimming ballast for this lampping configuration. Other lampping configurations and dimming ballast manufacturers available.

\*Consult your Lightolier representative for list of DL System compatible 1' X 4', 2' X 2' and 2' X 4' recessed fluorescent fixtures.


## **Lightolier is a Philips group brand**

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We reserve the right to  
change details of design,  
materials and finishes.

A.I.A. Division 16  
Brochure LOL7100  
Folio A20-05

 Some luminaires use fluorescent  
or high intensity discharge (HID)  
lamps that contain small amounts of  
mercury. Such lamps are labeled  
"Contains Mercury" and/or with the  
symbol "Hg." Lamps that contain  
mercury must be disposed of in  
accordance with local requirements.  
Information regarding lamp recycling  
and disposal can be found at  
[www.lamprecycle.org](http://www.lamprecycle.org).

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