

**PHILIPS**  
**Day-Brite**  
**CFI**

Recessed

FluxGrid LED

# Clear-cut progress

Philips Day-Brite / Philips CFI  
FluxGrid LED recessed luminaires  
are the ideal solution for your  
evolving everyday lighting needs.



# Start from common ground

True progress is lasting and consistent, and so are Philips Day-Brite/Philips CFI FluxGrid LED recessed luminaires. We start with familiar installation methods and configurations, add high-quality, energy saving LED technology, and wrap it all up in a universally appealing style that complements any environment.

Those using the space won't notice the difference, but you'll immediately appreciate FluxGrid's advantages.



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FluxGrid smooth lens option  
with integral sensor shown



# Transition to a lasting, sustainable future

FluxGrid LED reduces energy-related expenses compared to traditional lighting technologies, and helps to meet restrictive building and energy codes. These savings are further enhanced with dimming (0-10V as standard) and optional daylight harvesting/occupancy sensing. At the same time, its long life means that maintenance resources can be allocated to non-lighting tasks.

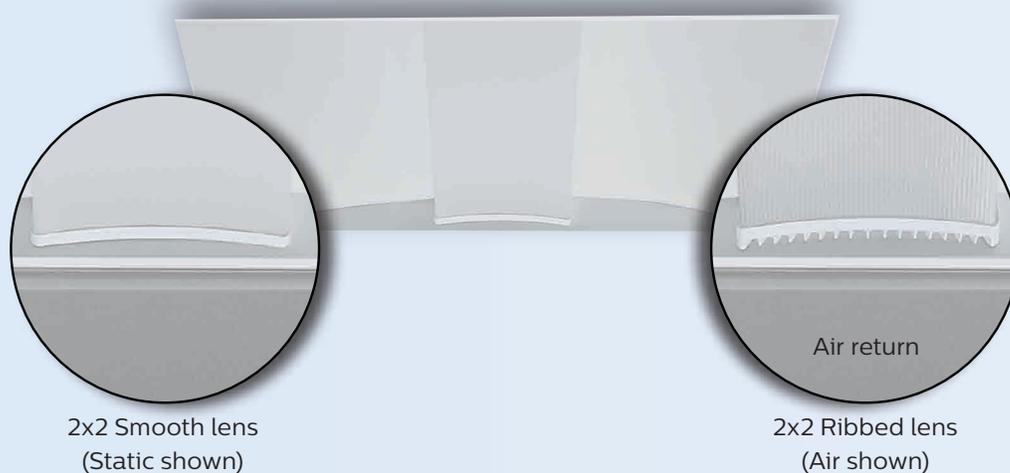
**The result is functional, efficient and environmentally friendly illumination throughout the space.**



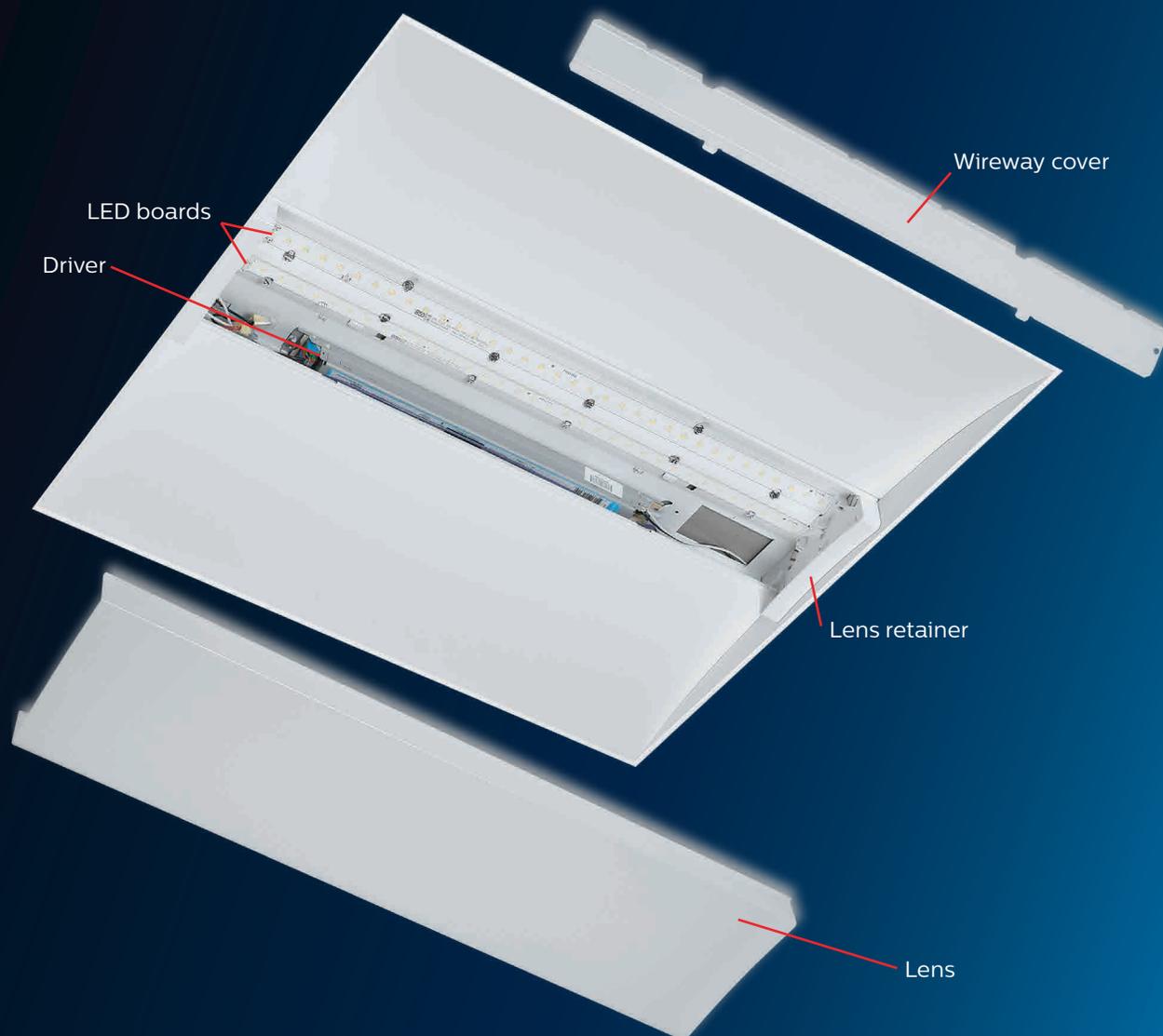
# Recognize the meaningful differences

As you shift towards LED for everyday use, it's easy to spot the distinctive value that FluxGrid recessed luminaires extend to you.

- Discretely designed air return option uses the lens retainers, so it's less noticeable to those in the space
- Access to LED boards and drivers from below the ceiling increases maintenance convenience
- Accepts an optional integral emergency (EMLED) battery for standby light in the event of power loss
- Choice of ribbed or smooth lens options add subtle elegance to any space
- 3000-7400 lumens plus 4 color temperatures allow for design flexibility



# Easy access to components from below



# Depend on personalized local support along the way

Differentiating value isn't limited to the luminaire itself. FluxGrid LED comes with the support of your local Philips Sales Representative or Philips authorized distributor. At every step in the process, from planning all the way through to post-installation, we will provide expert advice, helpful tips and useful lighting education so that you don't have to navigate the rapidly changing LED lighting technology alone.

**With this resourceful team by your side, you are assured of an efficient, successful project.**



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# Take the next steps for the right change

See how Philips Day-Brite/Philips CFI FluxGrid recessed luminaires are the right change for your everyday applications. Contact your local Philips Sales Representative or visit [www.philips.com/FluxGrid](http://www.philips.com/FluxGrid) for additional information.

# Application guide

Application	Room Dimensions	Reflectances	Luminaire	Maintained Average Illuminance (fc)	Fixture Quantity	Input Power (total W)	Lighting Power Density (W/ft <sup>2</sup> )
Open Office	26'x50'x9' (O.C. 10')	80/50/20	2FGG43L840-4-D-UNV-DIM	41	15	622	0.5
			2x4 Lensed Troffer, 2xF32T8	42	15	885	0.7
Private Office	10'x12'x9'	80/50/20	2FGG30L840-2-D-UNV-DIM	37	2	77	0.6
			2x2 Lensed Troffer, 2xFB32T8	35	2	118	1.0
Boardroom	16'x24'x9' (O.C. 8')	80/50/20	2FGG30L840-2-D-UNV-DIM	47	6	249	0.6
			2x2 Lensed Troffer, 2xFB32T8	49	6	354	0.9
Corridor	8'x40'x9' (O.C. 10')	80/60/40	2FGG30L840-2-D-UNV-DIM	12*	5	124	0.4
				8**			
				15*			
			2x2 lensed troffer 2xFB32T8	10**	5	155	0.5
Classroom	26'x30'x9' (O.C. 10')	80/50/20	2FGG48L840-4-D-UNV-DIM	39	9	373	0.5
			2x4 lensed troffer 2xF32T8	41	9	531	0.7

\* Illuminance on the floor  
 \*\* Illuminance on the wall

# Ordering guide

Example: 2FGG42B840-4-D-UNV-DIM

Width	Family	Ceiling Type	Air Function	Lumens	Color	Length	Center Diffuser	Voltage	Driver	Options
<input type="text"/>	<input type="text" value="FG"/>	<input type="text" value="G"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 1' 2 2'	FG FluxGrid	G Grid	Blank Static H Air return	1x4 & 2x2 Standard Configurations  30L 3000lm Std 38L 3800lm Std 45L 4500lm Std  2x4 Standard Configurations  38L 3800lm Std 43L 4300lm Std 48L 4800lm Std 54L 5400lm Std 74L 7400lm Std  Base Configurations  41B 4100lm (1x4) 38B 3800lm (2x2) 42B 4200lm (2x4)	830 80 CRI, 3000K 835 <sup>1</sup> 80 CRI, 3500K 840 <sup>1</sup> 80 CRI, 4000K 850 80 CRI, 5000K	2 2' 4 4'	D <sup>1</sup> Diffuse (ribbed) DS <sup>1</sup> Diffuse (smooth)	UNV <sup>1</sup> Universal voltage 120-277V 120 <sup>2</sup> 120V 277 <sup>2</sup> 277V 347 347V	DIM <sup>1</sup> 0-10V dimming SDIM <sup>2</sup> 40% Step dimming XDIM <sup>3</sup> MarkX phase dimming L3D <sup>4</sup> Lutron Hi-lume A 1% dimming LDE Lutron LDE5 5% dimming DALI DALI	F1 3/8" flex, 3 wire 18 gauge 6' F2 3/8" flex, 4 wire 18 gauge 6' F1/D 3/8" twin flex, 3 wire 18 gauge 6' for dimmable luminaires F2/5W 3/8" single flex, 5 wire 18 gauge 6' for dimmable luminaires. F2/6W 3/8" single flex, 6 wire 18 gauge 6' for dimmable and EMLED luminaires. GLR Fusing, fast blow EMLED <sup>1,5</sup> Integral emergency battery pack DAYOCC <sup>6</sup> Integral daylighting and occupancy, Phillips EasySense SNS102 CHIC Chicago Plenum rated

**Footnotes:**

1. Base configurations available only with noted options.
2. Consult factory for SDIM on 2x4 74L package.
3. XDIM option is voltage specific. Specify 120V or 277V. Consult factory for availability on 2x4 74L package.
4. Available up to 4300lm.
5. Philips Bodine BSL310, 1100lm nominal delivered.
6. Specify DIM driver option only with DAYOCC controls option





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