

A glowing performance

DayLED, a surprisingly innovative LED troffer offering energy savings

PHILIPS
Day-Brite

Don't settle for just a troffer anymore. The Philips Day-Brite DayLED is a [state-of-the-art](#) lighting solution in a [sealed, maintenance free housing](#).

The DayLED features a [frameless design](#) that maximizes its luminous aperture and provides a clean, smooth, attractive ceiling appearance.

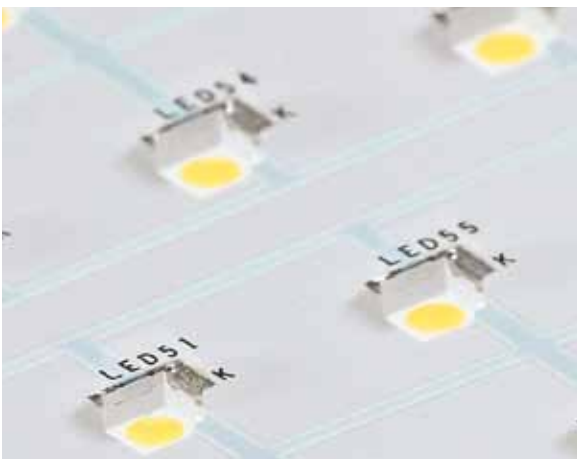
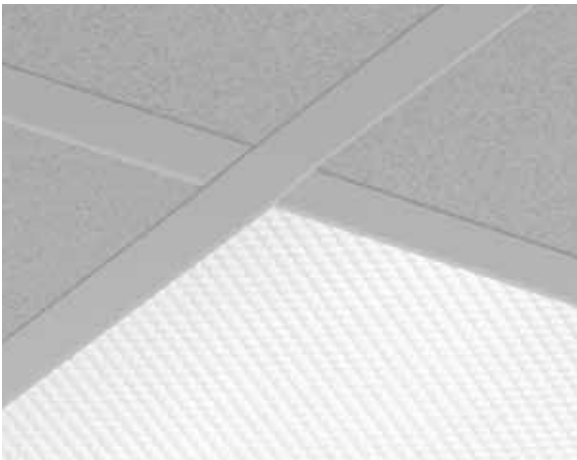
High efficiency LEDs providing nearly [90 LPW](#) delivered.

Lumen packages available up to [3,800 lumens](#).

CRI rating of [80](#).

[Low profile 3-1/2" housing](#) eliminates the need for tall plenums.

[50,000 hour life with 5 year warranty](#).



state-of-the-art,
maintenance free,
frameless design

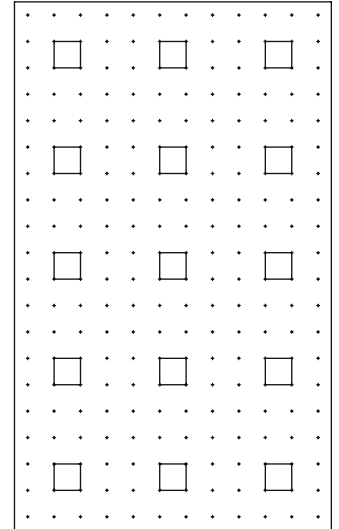
sample applications



Open Area

The general lighting distribution of the 2x2 LED Troffer provides uniform lighting in large spaces and provides significant vertical illumination. A sample area:

40' long x 24' wide x 9' ceiling
 8' X 8' luminaire spacing
 80/50/20 reflectances
 Calculation grid at 2.5'
 Maintenance factors 0.85 LLD, 0.94 LDD, 0.799 LLF
 Standard #21 lens



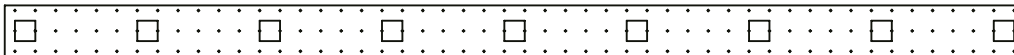
Model	Maintained Average Illumination	Max./Min.	Input Power per lum.	Watts/ Sq. foot
2LTG23L840-2-21	26.8 fc	2.2	26W	0.41
2LTG27L840-2-21	31.8 fc	2.2	30W	0.47
2LTG34L840-2-21	40.2 fc	2.2	40W	0.63
2LTG38L840-2-21	45.1 fc	2.2	46W	0.72

Note the excellent uniformity (less than 3:1) that is evident. Uniform lighting to standard levels with plenty of vertical illumination is available with power density between 0.5 and 0.8 Watts/square foot, satisfying any existing or known planned energy codes.

Corridor

The 2x2 LED Troffer has a wide distribution that allows corridor lighting with wide luminaire spacing. A sample corridor:

100' long x 5' wide x 9' ceiling
 12' luminaire spacing
 80/50/20 reflectances
 Calculation grid at 2.5'
 Maintenance factors 0.85 LLD, 0.94 LDD, 0.799 LLF
 Standard #21 lens



Model	Maintained Average Illumination	Max./Min.	Input Power per lum.	Watts/ Sq. foot
2LTG23L840-2-21	18.0 fc	2.2	26W	0.47
2LTG27L840-2-21	21.3 fc	2.2	30W	0.54
2LTG34L840-2-21	27.0 fc	2.2	40W	0.72
2LTG38L840-2-21	30.4 fc	2.2	46W	0.83

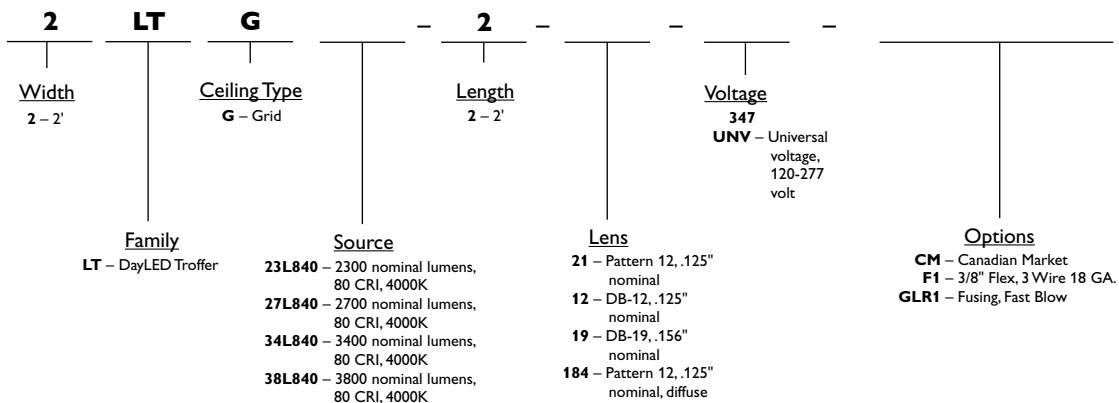
Note the excellent uniformity (less than 3:1) that is evident at 12' luminaire spacing. Uniform corridor lighting with plenty of vertical illumination for the walls is available with power densities less than 0.5 Watts/square foot.

DayLED 2x2 LED Troffer

- High efficacy long life solid state lighting platform.
- General lighting distribution is excellent for ambient lighting.
- Lumen packages range from 2,300 to 3,800 lumens, providing flexibility to optimize light levels for a specific application.
- High CRI source provides excellent color rendering.
- LEDs are an excellent source for use with controls since frequent switching does not affect the life of the light source.
- Lower housing includes smooth edges for safe, easy handling.
- Sealed housing used for standard configuration prevents the entry of dirt and bugs into the luminaire which eliminates the need for internal cleaning and reduces maintenance.
- Low profile 3-1/2" housing eliminates the need for tall plenums.
- Driver and LED boards are accessible from above. LED boards are individually replaceable if required.
- Five year luminaire warranty including LED boards and driver.
- High efficiency LEDs have 50,000 hour rated life (defined as 70% lumen maintenance.)
- Combinations are available delivering nearly 90 delivered lumens per Watt.
- Standard sealed configuration does not include a door frame since cleaning and relamping are not required.
- Frameless design maximizes luminous aperture and provides a clean appearance.
- A variety of lenses are available to tailor the luminaire to the application.



Ordering Information



©2011 Philips Day-Brite
All rights reserved.

776 South Green Street • Tupelo, MS 38804
p. 800.234.1890 • f. 662.841.5501
Canadian Division
189 Bullock Drive • Markham, Ontario L3P 1W4
p. 905.294.9570 • f. 905.294.9811

PHILIPS
Day-Brite

Form No. 153
Rev. 0711CT7.5M
www.daybrite.com



This brochure was printed on FLO recycled paper.

FLO is an environmentally responsible paper containing 10% Post Consumer Waste. FLO is 3rd party certified to come from a well managed forest.