

LIGHTOLIER®

GO2 Retro

High Efficiency Fluorescent



Lightolier is a Philips group brand

PHILIPS

GO2 Retro



The four main components of our GO2 Retro. The GO2 Retro Power Tray, GO2 Retro Louver and two GO2 Retro End Adaptors.

GO2 Retro features a flat white louver and a unique power tray that can be used to convert most installations of 2'X4' or 2'X2' parabolic or specification grade lens troffers, that are at least 4 3/8" deep, to state of the art, energy saving GREEN FIXTURES.

GO2 Retro is over 80% efficient with a broad light distribution that will illuminate both horizontal and vertical surfaces, creating a comfortable balanced brightness.

Retrofitting with GO2 Retro as opposed to installing new fixtures is ideal for those areas where you would like to have a minimum of down time such as retail spaces or schools.

Performance

42 GO2 Retro 2' x 4'		60' x 56' x 9' Room			Reflectance 80/50/20				
Catalog Number	Ballast Factor	Efficiency	Total Light Loss Factor	Average Footcandles	Max/Min Uniformity	Input Watts	Watts/ Sq. Ft.	Energy Savings	
GOR2G232UNVC5* Instant start ballast, 2-T8 3100 lumen lamps	0.77	84.5%	0.67	48.4	1.3 : 1	48	0.60	40%	
GOR2G232UNVC2 Instant start ballast, 2-T8 3100 lumen lamps	0.87	84.5%	0.76	55.9	1.4 : 1	54	0.68	33%	
GOR2G232UNVCO Instant start ballast, 2-T8 3100 lumen lamps	1.18	84.5%	1.03	74.0	1.3 : 1	72	0.90	10%	

* This layout of GO2 Retro will consume 10% to 40% less energy than the current LEED requirement of 1.0 watts per square foot depending on the ballast used. Footcandle readings are 2 1/2 ft off the floor 2 1/2 ft on center.

1058 GO2 Retro 2' x 4'		376' x 280' x 16' Room			Reflectance 80/50/20				
Catalog Number	Ballast Factor	Efficiency	Total Light Loss Factor	Average Footcandles	Max/Min Uniformity	Input Watts	Watts/ Sq. Ft.	Energy Savings	
GOR2G232UNVC2 Instant start ballast, 2-T8 3100 lumen lamps	0.87	84.5%	0.76	46.4	2.58 : 1	54	0.54	46%	
GOR2G232UNVCO Instant start ballast, 2-T8 3100 lumen lamps	1.18	84.5%	1.03	52.7	1.5 : 1	72	0.72	28%	

* This layout of GO2 Retro will consume 28% to 46% less energy than the current LEED requirement of 1.0 watts per square foot depending on the ballast used. Footcandle readings are 2 1/2 ft off the floor 2 1/2 ft on center.

Ordering

Catalog Number	Fixture Size	Number of Lamps	Lamp Type	Ballast Type	Ballast Factor
GOR2G217UNVHI	2' X 2'	2	17W T8	Instant Start	0.87
GOR2G214UNVPG	2' X 2'	2	14W T5	Program Rapid Start	0.87
GOR2G224UNVPG	2' X 2'	2	24W T5HO	Program Rapid Start	1.1
GOR2G217UNVC2	2' X 4'	2	32W T8	Instant Start	0.87
GOR2G232UNVHI	2' X 4'	2	32W T8	Instant Start	0.87
GOR2G232UNVC5	2' X 4'	2	32W T8	Instant Start	0.77
GOR2G228UNVPG	2' X 4'	2	28W T5	Program Rapid Start	0.95
GOR2G254UNVPG	2' X 4'	2	54W T5HO	Program Rapid Start	1.0

* Catalog number includes Advance Optanium high efficiency low watt ballast and Philips Alto Advantage 3100 lumen Lamps. GO2 Retro 2x2 is not available with an Emergency Pack option. Consult your Lightolier Sales Team.

Installation of the G02 Retro



The first step in installation, after making sure power to fixture is disconnected, is to remove all existing components of the previous fixture, leaving only the body. Place the G02 Retro End Adaptors between the base of the fixture and the T-Bar. Secure the G02 Retro End Adaptors in place with the supplied tech screws (4).



Hang G02 Retro Power Tray on tab and slot as shown above. Using the ballast disconnect supplied (accepts up to 12 gauge wire), make power connections and ground connection to body.



Lift G02 Retro Power Tray into position. Slide G02 Retro Power Tray into brackets on End Adaptors.



Slide the telescoping end of the G02 Retro Power Tray into place, resting on the End Adaptors. Tighten the integrated white thumb screws of the G02 Retro Power Tray securing it in place.



Insert the G02 Retro Louver pins into the louver slots of the G02 Retro End Adaptors and close.

For more information regarding the G02 Retro please consult specification sheet A10-32.



The installation of our G02 Retro is complete.


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**631 Airport Road
Fall River, MA 02720
Phone (508) 679-8131
Fax (508) 674-4710
www.lightolier.com**

**3015 Rue Louis Amos
Lachine (Quebec) H8T 1C4
Phone (514) 636-0670
www.canlyte.com**

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materials and finishes.

A.I.A. Division 16
Brochure LOL7121
Folio A10-30

 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.

Printed in the U.S.A.