Thank You to all our partners who have trusted us with their business for the past 10 years

Directional exterior lighting that minimizes light pollution

Interior lighting adapted to the needs of every individual

Easy to maintain, energy-efficient, eco-friendly

Products made to measure



2011-2021

ventes@wellgreen.ca **ou 514 500-2121**

Solutions Well Green

Live Well in a Greener World !



About us

Solutions Well Green (SWG) specializes in **industrial**, **commercial** and **institutional LED lighting**. SWG is a 100% Quebec owned and operated company. Started in 2010 from the basement of Yves Bernier and Caroline Bérubé's Sainte-Geneviève home, SWG expanded to its first warehouse in St-Eustache in 2015. Rapid growth led to two additional moves, first to Pointe-Claire in 2017 and then to Dollard-des-Ormeaux in June 2019 which included the addition of a store.

Solutions Well Green has accomplished much over the past 10 years. In 2014, SWG filed its first patent for an intelligent light fixture. In 2017, SWG was one of three finalists in the Canadian New Interior Lighting Products Competition with its T5 rotary ballastless tube. Today, SWG products are installed in some of the country's largest corporations including ***Hydro-Québec, Bell, MDN, MTQ, SQI, the City of Montréal, Sobeys, Rona, Exo, Glencore, Cargill, Marmen*** and many others. SWG products are also found in **schools** province-wide.

By actively participating in all the phases of R&D, project studies, design, production, distribution, installation and after-sales service, SWG has acquired a perfect control of the products and services it offers. All of SWG's products are as **easy-to-install** as they are **easy to maintain,** making it possible to meet the growing need for energy savings, minimal maintenance and performance, while offering solutions designed to provide lighting that is **economic, ergonomic, safe and environmentally friendly.**

Our Vision :

Live Well in a Greener World! Our products **consume significantly less power** than traditional lighting by eliminating the use of ballasts, functioning directionally and more efficiently, and by operating at the most effective colour temperatures. They also have longer operating lives and require minimal maintenance, **reducing** waste and related pollution (team displacement, product transport). Our products are **reusable** : light fixtures are good for life while the tubes can be easily exchanged, and Wells lamp modules are easy to replace. Finally, when the time comes for disposal, our products are made of **recyclable** aluminium and polycarbonate. **Together, lets reduce, recycle and reuse!**

Where Solution Well Green Stands Out:

Numerous certifications and thousands of completed projects tailored to the needs of each individual client using more than 50000 easy to maintain product configurations requiring only **3 spare parts**.

WELCOME TO THE FAMILY

SOLUTIONS WELL GREEN!

Solutions Well Green

Live Well in a Greener World !

LED TUBES



PRODUCT	CODE	DESCRIPTION
Tube 2'		Ceilings, counters, commercial signage…
 Esso	T8 or T12	120V : 9W : 120 lm/w
	* EGT820008400102	TUBE T8 DEL 2' 9W 4000K ROTATING FROST
	* EGT820008400202	TUBE T8 DEL 2' 9W 4000K ROTATING CLEAR
	* EGT820008650102	TUBE T8 DEL 2' 9W 6000K ROTATING FROST
		120-347V : 8W : 160 lm/w
 Quebec City Phlebology Clinic	WGT829008650202	TUBE T8 DEL 2' 8W 6000K ROTATING CLEAR HIGH OUTPUT
	T5	120-347V : 8W : 160 lm/w
	WGT529008650202	TUBE T5 DEL 2' 8W 6000K ROTATING CLEAR HIGH OUTPUT
Tube 3'		Counters, commercial signage, refrigerators…
 Rona	T8 or T12	120V : 13W : 120 lm/w
	EGT830013300100	TUBE T8 DEL 3' 13W 3000K ROTATING FROST
	* EGT830013300200	TUBE T8 DEL 3' 13W 3000K ROTATING CLEAR
	* EGT830013400100	TUBE T8 DEL 3' 13W 4000K ROTATING FROST
	* EGT830013400200	TUBE T8 DEL 3' 13W 4000K ROTATING CLEAR
	* EGT830013600100	TUBE T8 DEL 3' 13W 6000K ROTATING FROST
	EGT830013650200	TUBE T8 DEL 3' 13W 6000K ROTATING CLEAR
Tube 4'		Ceilings, stairs, offices, workshops, posters…
 Hydro-Québec	T8 or T12	120-347V : 13W : 135 lm/w
	WGT849013400100	TUBE T8 DEL 4' 13W 4000K ROTATING FROST
	WGT849013400200	TUBE T8 DEL 4' 13W 4000K ROTATING CLEAR
	* WGT849013650100	TUBE T8 DEL 4' 13W 5-6000K ROTATING FROST
	WGT849013650200	TUBE T8 DEL 4' 13W 5-6000K ROTATING CLEAR
		120-347V : 18W : 135 lm/w
	* WGT849018300100	TUBE T8 DEL 4' 18W 3000K ROTATING FROST
	* WGT849018400100	TUBE T8 DEL 4' 18W 4000K ROTATING FROST
	WGT849018400200	TUBE T8 DEL 4' 18W 4000K ROTATING CLEAR
	WGT849018650100	TUBE T8 DEL 4' 18W 5-6000K ROTATING FROST
	WGT849018650200	TUBE T8 DEL 4' 18W 5-6000K ROTATING CLEAR
 Farinex		120-347V : 18W : 160 lm/w
	WGT849018650202	TUBE T8 DEL 4' 18W 5-6000K ROTATING CLEAR HIGH OUTPUT
	WGT849018650102	TUBE T8 DEL 4' 18W 5-6000K ROTATING FROST
	WGT849018650202	TUBE T8 DEL 4' 18W 5-6000K ROTATING CLEAR



Abridged Product Catalogue

Solutions Well Green

Live Well in a Greener World !

LED TUBES





PRODUCT	CODE	DESCRIPTION
Tube 4' (CONTINUATION)		
 Department of National Defense	**T8 or T12 METRIC**	**120V : 18W : 120 lm/w**
	EGM840018400100	TUBE T8 DEL MÉTRIQUE 4' 18W 4000K ROTATING FROST
	EGM840018600200	TUBE T8 DEL MÉTRIQUE 4' 18W 5-6000K ROTATING CLEAR
		347V : 18W : 120 lm/w
	* EGM847018400100	TUBE T8 DEL MÉTRIQUE 4' 18W 4000K ROTATING FROST
	EGM847018600200	TUBE T8 DEL MÉTRIQUE 4' 18W 5-6000K ROTATING CLEAR
 Roski	**T8 or T12 VARIABLE**	**120V : 18W : 120 lm/w**
	EGT840018300110	TUBE T8 DEL VARIABLE 4' 18W 3000K ROTATING FROST
	EGT840018400110	TUBE T8 DEL VARIABLE 4' 18W 4000K ROTATING FROST
	EGT840018600110	TUBE T8 DEL VARIABLE 4' 18W 5-6000K ROTATING FROST
 EXO (RTM)	**T8 or T12 BOTANIC**	**120V : 18W**
	* WGB840018990200	TUBE T8 DEL BOTANIQUE 4' 18W RED/BLUE CLEAR
	T5	**120-347V : 13W : 135 lm/w**
	WGT549013400100	TUBE T5 DEL 4' 13W 4000K ROTATING FROST
	* WGT549013400200	TUBE T5 DEL 4' 13W 4000K ROTATING CLEAR
	* WGT549013650100	TUBE T5 DEL 4' 13W 5-6000K ROTATING FROST
	* WGT549013650200	TUBE T5 DEL 4' 13W 5-6000K ROTATING CLEAR
 MTQ		**120-347V : 13W : 160 lm/w Haute Puissance (HO)**
	WGT549013650202	TUBE T5 DEL 4' 13W 5-6000K ROTATING CLEAR HIGH OUTPUT
		120-347V : 18W : 135 lm/w
	* WGT549018400100	TUBE T5 DEL 4' 18W 4000K ROTATING FROST
	* WGT549018400200	TUBE T5 DEL 4' 18W 4000K ROTATING CLEAR
	WGT549018650100	TUBE T5 DEL 4' 18W 5-6000K ROTATING FROST
	* WGT549018650200	TUBE T5 DEL 4' 18W 5-6000K ROTATING CLEAR
 Aubainerie		**120-347V : 18W : 160 lm/w Haute Puissance (HO)**
	WGT549018650202	TUBE T5 DEL 4' 18W 5-6000K ROTATING CLEAR HIGH OUTPUT

Abridged Product Catalogue

Solutions Well Green

Live Well in a Greener World !

LED TUBES



PRODUCT	CODE	DESCRIPTION
Tube 5'		Refrigerators…
 Halte 138	T8	120V : 22W : 120 lm/w
	* EGT850022300102	TUBE DEL 5' 22W 3000K ROTATING FROST
	* EGT850022300202	TUBE DEL 5' 22W 3000K ROTATING CLEAR
	* EGT850022400102	TUBE DEL 5' 22W 4000K ROTATING FROST
	* EGT850022400202	TUBE DEL 5' 22W 4000K ROTATING CLEAR
	* EGT850022600102	TUBE DEL 5' 22W 5-6000K ROTATING FROST
	EGT850022600202	TUBE DEL 5' 22W 5-6000K ROTATING CLEAR
TUBE 6'		Refrigerators…
	T8 or T12	120V : 22W : 120 lm/w
	EGT860027650100	TUBE DEL 6' 27W 5-6000K ROTATING FROST
U TUBE		Offices, stores, schools, hospitals…
	T8 or T12	120V : 18W : 120 lm/w
	EGT890018400100	U TUBE DEL 18W 4000K FROST
	EGT890018600200	U TUBE DEL 18W 6000K CLEAR
INTEGRATED TUBE		Working desk, offices, windows, portable lamp... maximum 4 tubes in series
	EGI840030600100	INTEGRATED TUBE T8 DEL ECONO GREEN 4' 120V 30W 5-6000K FROST
10' CORD WITH SOCKET		Working desk, offices, windows, portable lamp... socket connector
	EGIACC001	CORD 10' WITH SOCKET NEMA 5 FOR INTEGRATED TUBE T8 DEL ECONO GREEN
6" CORD		Junction box connector
	EGIACC003	CORD 6" FOR INTEGRATED TUBE T8 DEL ECONO GREEN
UNION 8"		Connector between integrated tubes maximum 3 unions per serie (4 tubes)
	EGIACC005	UNION 8" FOR INTEGRATED TUBE T8 DEL ECONO GREEN
METAL BRACKETS 2		Fasteners for integrated tube (screws not included)
	EGIACC006-002	METAL FITTING FOR INTEGRATED TUBE T8 DEL ECONO GREEN PACK OF 2



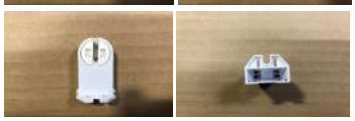
Abridged Product Catalogue

Solutions Well Green

Live Well in a Greener World !

CONVERSION OF EXISTING LIGHT FIXTURES



PRODUCT	CODE	DESCRIPTION
CONVERSION KIT CSA RBQ WITH FUSE		Agency approvals for existing luminaires of type T5, T8, T10 or T12
	WGTR01	CONVERSION KIT CSA TUBES DEL 120-347V 1 PER LUMINAIRE MAX. 8 TUBES - PACK OF 1
	WGTR01.005	CONVERSION KIT CSA TUBES DEL 120-347V 1 PER LUMINAIRE MAX. 8 TUBES - PACK OF 5
	WGTR01.025	CONVERSION KIT CSA TUBES DEL 120-347V 1 PER LUMINAIRE MAX. 8 TUBES - PACK OF 25
CONVERSION KIT CSA RBQ WITHOUT FUSE		Agency approvals for existing luminaires of type T5, T8, T10 or T12
	WGTR01A	CONVERSION KIT WITHOUT FUSE CSA TUBES DEL 120-347V 1 PER LUMINAIRE MAX. 8 TUBES
PROTECTION KIT		New light fixtures WGG or modification 8'
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
	WGF019.025	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG - PACK OF 25
CONNECTOR T8 NOT SHUNTED		Modification T8 instant-start
	WSC1666008.002	CONNECTOR T8 NOT SHUNTED - PACK OF 2
	WSC1666008.025	CONNECTOR T8 NOT SHUNTED - PACK OF 25
	WBC1666008.002	CONNECTOR T8 NOT SHUNTED LOW PROFIL - PACK OF 2
	WBC1666008.025	CONNECTOR T8 NOT SHUNTED LOW PROFIL - PACK OF 25
	WDC1612005.002	CONNECTOR T5 NOT SHUNTED LONG - PACK OF 2
	WDC1612005.050	CONNECTOR T5 NOT SHUNTED LONG - PACK OF 50



Abridged Product Catalogue

Solutions Well Green

Live Well in a Greener World !

CONVERSION OF EXISTING LIGHT FIXTURES



PRODUCT	CODE	DESCRIPTION
CONVERSION PLATE 8' TO 4'		**Modification T12 8' 2 tubes to 4' 1-6 tubes**





WGTR01A08 — **CONVERSION KIT WITHOUT FUSE FOR PLATE WGR08 (P) 8' 1-2 TUBES**

This kit comes with connectors for 2 tubes

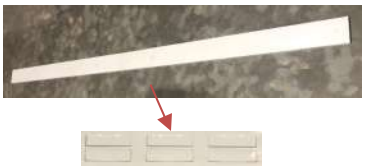
WGF019 — PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG



WGTR08X02 — ADDITIONAL WIRING AND CONNECTORS TO ADD 2 TUBES ON THE PLATE WGTR08 (P)

Use 1x WGTR08X02 to switch from 2 to 4 tubes per plate

Use 2x WGTR08X02 to switch from 2 to 6 tubes per plate



WGTR08 — **CONVERSION PLATE 8'**

WGTR08P — **CONVERSION PLATE 8', WITH DOUBLE COAT OF PAINT**

From 1 until 6 tubes according to your needs



Beauce-Etchemin School Board



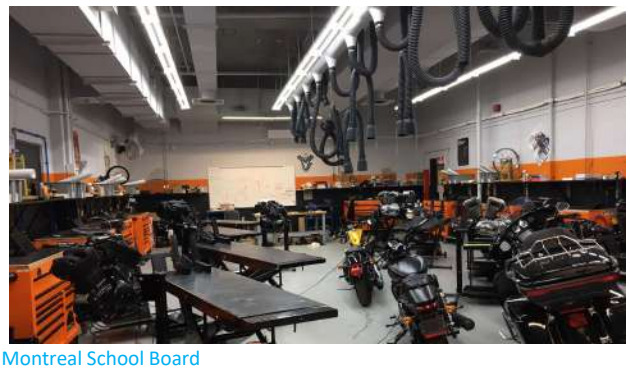
Boulet Farm



Walid Auto



Rona



Montreal School Board

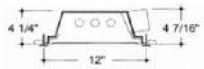
Abridged Product Catalogue

Solutions Well Green

Live Well in a Greener World !

NEW INTERIOR LIGHT FIXTURES



PRODUCT	CODE	DESCRIPTION
DEL G02 LIGHT FIXTURES		For suspended ceilings
 	* **WGG029041XXXXXX**	**WELLS G02 RECESSED LUMINAIRES 120-347V 1'X4' 1 TUBE DIRECT SUPPLY NOT INCLUDED**
	* **WGG029042XXXXXX**	**WELLS G02 RECESSED LUMINAIRES 120-347V 1'X4' 2 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG029043XXXXXX	**WELLS G02 RECESSED LUMINAIRES 120-347V 1'X4' 1-3 TUBES DIRECT SUPPLY NOT INCLUDED**
 Appalaches School Board	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
DEL G03 LIGHT FIXTURES		For ceilings surface
	* **WGG039022XXXXXX**	**WELLS G03 SURFACE 120-347V 2' 2 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG039042XXXXXX	**WELLS G03 SURFACE 120-347V 4' 2 TUBES DIRECT SUPPLY NOT INCLUDED**
 Régie des installations Olympiques	* **WGG039442XXXXXX**	**WELLS G03 SURFACE OPALIN SQUARRED 120-347V 4' 2 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
DEL G05 LIGHT FIXTURES		For suspended ceilings
	* **WGG059042XXXXXX**	**WELLS G05 RECESSED LUMINAIRES 120-347V 4' 2 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG



Abridged Product Catalogue

Solutions Well Green

Live Well in a Greener World !

NEW INTERIOR LIGHT FIXTURES



PRODUCT	CODE	DESCRIPTION
DEL G06 LIGHT FIXTURES		**For gymnasiums**
	* **WGG069244XXXXXX**	**WELLS G06 GYMNASE 120-347V 4'** **4 TUBES ALIMENTATION DIRECTE NON-INCLUS AVEC GRILLAGE DE PROTECTION**
 Appalaches School Board	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
DEL G07 LIGHT FIXTURES		**As a substitute for MH**
	* **WGG079X44XXXXXX**	**WELLS G07 HIGH CEILING 120-347V 4'** **4 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG079X46XXXXXX	**WELLS G07 HIGH CEILING 120-347V 4'** **6 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG079X48XXXXXX	**WELLS G07 HIGH CEILING 120-347V 4'** **8 TUBES DIRECT SUPPLY NOT INCLUDED**
 Montreal School Board	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
DEL G08 LIGHT FIXTURES		**Farms, garages, outdoors…**
	* **WGG089046XXXXXX**	**WELLS G08 (IP67) 120-347V 4'** **6 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG



Abridged Product Catalogue

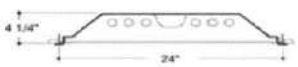
Solutions Well Green

Live Well in a Greener World !

NEW INTERIOR LIGHT FIXTURES



Abridged Product Catalogue

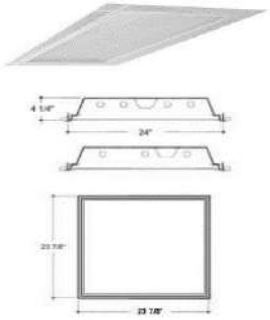
PRODUCT	CODE	DESCRIPTION
DEL G09 LIGHT FIXTURES		**Workshops, factories, garages, warehouses...**
	**WGG099X21XXXXXX**	**WELLS G09 STRIP 120-347V 2'** **1 TUBE DIRECT SUPPLY NOT INCLUDED**
	WGG09WIRE2030	GRID G09 2' x 3''
	WGG099X22XXXXXX	**WELLS G09 STRIP 120-347V 2'** **2 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG09WIRE2045	GRID G09 2' x 4,5''
	WGG099X31XXXXXX	**WELLS G09 STRIP 120-347V 3'** **1 TUBE DIRECT SUPPLY NOT INCLUDED**
 Sobeys	WGG09WIRE3030	GRID G09 3' x 3''
	WGG099X32XXXXXX	**WELLS G09 STRIP 120-347V 3'** **2 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG09WIRE3045	GRID G09 3' x 4,5''
	WGG099X41XXXXXX	**WELLS G09 STRIP 120-347V 4'** **1 TUBE DIRECT SUPPLY NOT INCLUDED**
	WGG09WIRE4030	GRID G09 4' x 3''
	WGG099X42XXXXXX	**WELLS G09 STRIP 120-347V 4'** **2 TUBES DIRECT SUPPLY NOT INCLUDED**
 Appalaches School Board	WGG09WIRE4045	GRID G09 4' x 4,5''
	WGG099X82XXXXXX	**WELLS G09 STRIP 120-347V 8'** **2 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG099X84XXXXXX	**WELLS G09 STRIP 120-347V 8'** **4 TUBES DIRECT SUPPLY NOT INCLUDED**
	* **WGG099X86XXXXXX**	**WELLS G09 STRIP 120-347V 8'** **6 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
DEL G13 LIGHT FIXTURES		**For suspended ceilings**
	* **WGG139042XXXXXX**	**WELLS G13 (RECESSED) 120-347V 2'X4'** **2 TUBES DIRECT SUPPLY NOT INCLUDED**
	* **WGG139044XXXXXX**	**WELLS G13 (RECESSED) 120-347V 2'X4'** **2-4 TUBES DIRECT SUPPLY NOT INCLUDED**
	**WGG139046XXXXXX**	**WELLS G13 (RECESSED) 120-347V 2'X4'** **2-6 TUBES DIRECT SUPPLY NOT INCLUDED**
 Solutions Well Green	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG

Solutions Well Green

Live Well in a Greener World !

NEW INTERIOR LIGHT FIXTURES



PRODUCT	CODE	DESCRIPTION
DEL G14 LIGHT FIXTURES		**Farms, garages, outdoors…**
	* **WGG149141XXXXXX**	**WELLS G14 (IP67) 120-347V 4'** **1 TUBE DIRECT SUPPLY NOT INCLUDED**
	WGG149142XXXXXX	**WELLS G14 (IP67) 120-347V 4'** **2 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
Sébica Farm		
DEL G15 LIGHT FIXTURES		**For suspended ceilings**
	* **WGG159023XXXXXX**	**WELLS G15 (RECESSED) 120-347V 2'X2'** **3 TUBES DIRECT SUPPLY NOT INCLUDED**
	* **WGG159024XXXXXX**	**WELLS G15 (RECESSED) 120-347V 2'X2'** **2-4 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
DEL G38 LIGHT FIXTURES		**Warehouses, factories, gymnasiums…**
	**WGG389X44XXXXXX**	**G38 (HIGH CEILING) 120-347V 4'** **4 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG389X46XXXXXX	**G38 (HIGH CEILING) 120-347V 4'** **6 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG389X48XXXXXX	**G38 (HIGH CEILING) 120-347V 4'** **8 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGG38WIRE4150	GRID FOR G38 4 TUBES
	WGG38WIRE4240	GRID FOR G38 6 AND 8 TUBES
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
CS Pierre-Neveu		

SANS BALLAST



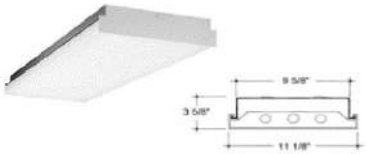
Abridged Product Catalogue

Solutions Well Green

Live Well in a Greener World !

NEW INTERIOR LIGHT FIXTURES



PRODUCT	CODE	DESCRIPTION
DEL G43 LIGHT FIXTURES		**Corridor, classrooms…**
	**WGG439043XXXXXX**	**WELLS G43 (SURFACE) 120-347V 4'** **1-3 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
 Saint-Hyacinthe School Board		
DEL G69 LIGHT FIXTURES		**Locker rooms, offices…**
	* **WGG699543XXXXXX**	**WELLS G69 (SURFACE) 120-347V 4'** **1-3 TUBES DIRECT SUPPLY NOT INCLUDED**
	WGF019	PROTECTION KIT WITH FUSE FOR PLATE WGTR08, WGTR08P OR LUMINAIRES WGG
 Appalaches School Board		
DEL WGGXX LIGHT FIXTURES		

Over 100 other models available

Call us for more details

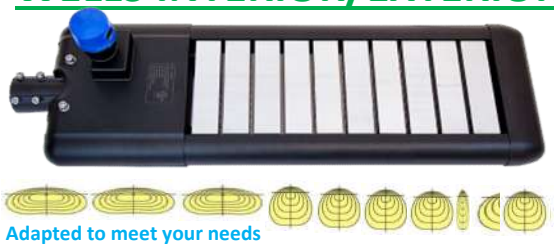


Abridged Product Catalogue

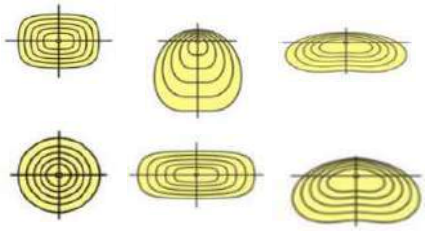
Solutions Well Green

Live Well in a Greener World !

WELLS INTERIOR/EXTERIOR LIGHT FIXTURES



Adapted to meet your needs



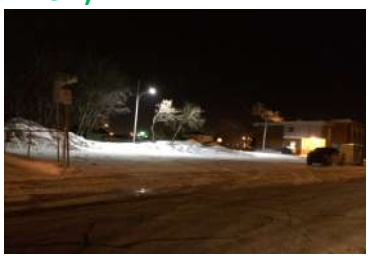
PRODUCT	CODE	DESCRIPTION
WELLS I		**Walls, streets, parking lots, parks ...**
(Same components as WELLS II)	**WGW01VWWWTTDDCI**	**MODULAR LAMP WITH MULTIPLE POSSIBLE CONFIGURATIONS**
		(CONSULT US TO SELECT THE LAMP THAT MEETS THE NEEDS OF YOUR APPLICATION)



308W per pole instead of 3300W
Nicolet Chrysler



4 rows of trailers, 3 poles
Texel



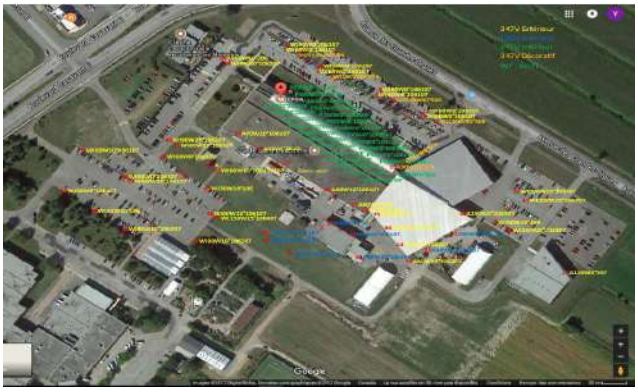
62W
Chemin du Roy School Board



33W per pole instead of 908W
Montreal School Board



33W
City of Laval



80 light fixtures and real time control
Saint-Hyacinthe School Board



185W
Quebec Ministry of Transport



2 times 308W
Portneuf School Board



2 lamps of 62W only, 4 floors and 250' wide
Côte-du-Sud School Board

Abridged Product Catalogue

Solutions Well Green

Live Well in a Greener World !

WELLS INTERIOR/EXTERIOR LIGHT FIXTURES

PRODUCT	CODE	DESCRIPTION
WELLS II *(Same components as WELLS I)*	WGW02VWWWTTDDCI	Warehouses, garages, gymnasiums, arena, walls, streets, parking lots ... MODULAR LAMP WITH MULTIPLE POSSIBLE CONFIGURATIONS (CONSULT US TO SELECT THE LAMP THAT MEETS THE NEEDS OF YOUR APPLICATION)

Pole





3000W vs 44000W, CSSH

Cielling





33W Ville de Montréal

Hook





155W Barani, 308W Super Décapant

Recessed







155W CS Saint-Hyacinthe, Esso

Tunnel





33W City of Montreal

Walls

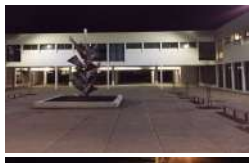




62W CS Centrale de Québec

Ambient







155W CS de Portneuf, Shannon mecanical center

Pole



Abridged Product Catalogues

Solutions Well Green

Live Well in a Greener World !

LIGHT BULBS

Abridged Product Catalogue

PRODUCT		CODE	DESCRIPTION
MR16		WGA162005TTDD1	Office, lobby, hallway, passage, house ... BULB MR16 DEL 12VDC 5W TT DD VARIABLE INTENSITY TT : 27=2700K, 40=4000K, 50=5000K, 60=6000K DD : 38° ou 80°
GU10		WGA100005TTDD1	Office, lobby, hallway, passage, house ... BULB GU10 DEL 120V 5W TT DD VARIABLE INTENSITY TT : 27=2700K, 40=4000K, 50=5000K, 60=6000K DD : 38° ou 80°
PAR16		WGA160005TTDD1	Cornice, Office, entrance hall, passage, house ... BULB PAR16 DEL 120V 5W TT DD VARIABLE INTENSITY TT : 27=2700K, 40=4000K, 50=5000K, 60=6000K DD : 38° ou 80°
PAR20		WGA200005TTDD1	Cornice, office, entrance hall, passage, house ... BULB PAR20 DEL 120V 5W TT DD VARIABLE INTENSITY TT : 27=2700K, 40=4000K, 50=5000K, 60=6000K DD : 38° ou 80°
PAR30		WGA300010TTDD1	Cornice, office, entrance hall, passage, house ... BULB PAR30 DEL 120V 10W TT DD VARIABLE INTENSITY TT : 27=2700K, 40=4000K, 50=5000K, 60=6000K DD : 38° ou 80°
PAR38		WGA380016TTDD1	Cornice, office, entrance hall, passage, house ... BULB PAR38 DEL 120V 16W TT DD VARIABLE INTENSITY TT : 27=2700K, 40=4000K, 50=5000K, 60=6000K DD : 38° ou 80°
A19		WGA02000550010	Cornice, office, entrance hall, passage, house ... BULB A19 DEL 120V 5W *TT* FROSTED *TT* : 27=2700K, 50=5000K

Come and meet us at our store!



THOUSANDS OF COMPLETED PROJECTS



MORE THAN 50000 PRODUCTS



3 SPARE PARTS



Value-Added maintenance







3 X - more than most other LED lamps

Solutions Well Green

Live Well in a Greener World !

Lighting design parameters

Complete what you can, SWG will help you to fill in the missing information!

1. Where is the project located?
2. What sources of energy are used for heating?
3. What surfaces need to be lit? Do you have a floor plan, .CAD or a photo?
4. Is it a new lighting project or an existing project?
5. If existing, is the current level of illumination adequate, too low or too high with regards to the needs of the people, their application and location? Will anyone be negatively impacted by intrusive light?
6. Is the location at risk of vandalism, contamination or damage? If yes, please specify.
7. What is the lit area's function (classroom, bus landing, machinery, computer office...)?
8. What colour should the area be illuminated (natural light, amber...) and why?
9. For the desired application, should the lighting be more horizontal or vertical?
    a. If vertical, what would be the impact of the glare on people, projection equipment, neighbours, cameras...?
    b. If horizontal, what would be the required lux (minimum, maximum, average) and what would be the required uniformity ratio?
10. What is the recommended IES lux for this type of application?
11. If applicable, what is the reflectance of the walls, floor and ceiling? If you are unsure, what colours and coatings are the revelant surfaces made of?
12. What is the height of the room and at what height will the light fixtures be mounted?
13. If the mounted height is greater than 8', do you have the equipment required to reach the fixtures on-site or will you need to rent equipment?
14. What voltage is used to power the light fixtures?
15. What types of light fixtures are currently in use?
16. What is the total power consumption prior to starting the project and what will it be post-completion (including ballasts and drivers)? Please provide details.
17. What is the relevant price of electricity? Power, consumption, volume discounts... If unsure, you can send us your latest HQ account.
18. In what condition are the current fixtures and how much would it cost to repair them?
19. How much would it cost to install the new fixtures?
20. Are there grants to be awarded for this project?
21. What is the maximum ambient temperature at your installation location?
22. Is the heat emitted by the tubes, driver and/or light fixtures entierly dissipated into the environment without the risk of light deterioration or breakage? The thermal conductivity (in W/m°K) of aluminum = 240, plastic = 1 and glass = 1.2
23. Are voltage variations a common occurance (undervoltages, overvoltages, harmonics...)?
24. Lifetimes provided by the manufacturer are based on how many hours of daily operation (3, 8, 12, 24 ...)? At what temperature? Using which standard B50L70, B05L85...?
25. What restrictions and exclusions are specified in the manufacturer's warranty (voltage variations, temperature range (25, 35, 45, 65...degrees Celsius)...)?
26. What is the true lifespan of the chosen product? Do you have references that you can contact to confirm this value?
27. Is the product certified (CSA, RoHS, FCC, DLC, RBQ, ESA, TM21, LM79, LM80...) ?
28. If you install the tubes without a ballast, is the power supply only on one side as with 80% of the installations in North America without ballast?
29. Is the new fixture and / or the existing fixture's conversion certified, or will it be certified to the CSA standards? Will a special CSA inspection be required?
30. What forms of protection are found on the lighting fixtures and on the electrical grid (fuse, overvoltage protection, undervoltage protection, etc.)?

31. What is the power factor of the selected light fixtures?
32. What is the colour rendering index of the selected light fixtures?
33. What is the total harmonic distortion rate of the selected light fixtures?
34. Do you have the ability to carry out your light fixture changes/repairs in-house or do you typically hire a specialized company?
35. Are the fixtures easily accessible for repairs & modifications or are there obstructions?
36. Will the original spare parts be available in 6 months, 5, 10, 25, 50...years? Are these components easy to change?
37. Do you keep and will you need to keep an inventory of spare parts? If so, how many?
38. What indirect costs are incurred when equipment breaks down (internal management, labour to find the cause, purchases of the right components, labour to repair...)?
39. What will be the cost of the project in terms of consumption, power, labour and spare parts per year? For 10 years, 25 years and 50 years?
40. What is the return on investment (ROI)? See next page for calculation.
41. What services are provided by the manufacturer before, during and after installation (choice of product, installation angles, installation recommendations, technicalities, on-site visits, customer service...)?
42. How did you hear about Solutions Well Green?

Rule of thumb for saving one watt of electricity 24h a day for 1 year

$$1\ \cancel{Watt} * \frac{0.10\ \$}{1000\ \cancel{Watt} * 1\ \cancel{hour}} * \frac{365\ \cancel{days}}{year} * \frac{24\ \cancel{hours}}{\cancel{day}} = 0.88\$/year$$

Solutions Well Green's Certifications


intertek
Total Quality Assured

AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Report(s) and Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant:	Solutions Well Green	Manufacturer:	Dong Guan Well Shin Electronic Products Co., Ltd
Address:	15221 Place Bellerive, Ste-Genevieve, Quebec, H9H 1A1, Canada	Address:	Changlong Village, Huangjiang Town, Dongguan, Guangdong 523790 China
Country:	Canada	Country:	China
Contact:	Yves Bernier Ken Lee	Contact:	Ken Lee
Phone:	514590-2121 13925520321	Phone:	13925520321
FAX:	NA	FAX:	NA
Email:	ybernier@wellgreen.ca klee@wellgreen.com.cn	Email:	klee@wellgreen.com.cn

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Control Number: 4011060 Authorized by: for Dean Davidson, Certification Manager

ETL CLASSIFIED
Intertek

This document supersedes all previous Authorizations to Mark for the noted Report Number.

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800.345.3851 or 847.439.5667 Fax 312.283.1672

Standard(s):	Self-Ballasted Lamps And Lamp Adapters [UL 1993:2012 Ed.4] Self-Ballasted Lamps And Lamp Adapters [CSA C22.2 #1993:2012 Ed.2] UL 1598C Issued: 2014/01/16 Ed: 1 Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
Product:	LED tube lamp
Brand Name:	Solutions Well Green
Models:	WGTB49013, WGTB49018, WGTB49013, WGTB49018, WGTB20008 or WGTB30008; may be followed by 1 to 8 letters or numbers.

ATM for Report 100507027GZU-001 Page 1 of 1 ATM Issued: 8-May-2017


LABTEST CERTIFICATION INC.

Certificate of Conformity

Certificate: 11999-1S_Rev.1 Master Contract: LC 1134698
Project: 11999 Date Issued: October 28th, 2013
Issued to: Well Green Inc. 15221 Bellerive Pl Ste-Genevieve, Quebec H9H 1A1, CANADA
Certification System Type 3 (ISO / IEC Guide 67)

The products listed below are eligible to bear the LabTest Certification Mark with adjacent indicators 'C' and 'US', and the subject area as shown below.

c LC US

Issued by: Safety Testing Manager

PRODUCTS

- LED Retrofit Kit
  - Model No.: WGTR01
  - Rated: 347Vac, 50/60Hz, 18W each lamp
    90 – 140Vac, 60Hz, 18W each lamp, dimmable

APPLICABLE REQUIREMENTS & SUBJECT AREA

- UL 8750 (Ed. 1): 2009
- CSA-C22.2 NO. 250.13-12
- CSA TIL B-79: 2010

CONDITIONS OF ACCEPTABILITY

- T5, T8, T10 and T12 LED tube lamps, powered only at one end, linear or U shape, from 1 ft up to 8 ft, rating is 90-140Vac/50/60Hz up to 7W per linear ft of tube- Suitable for dry locations only
- T5, T8, T10 and T12 LED tube lamps, powered only at one end, linear or U shape, from 1 ft up to 8 ft, rating is 347Vac/50/60Hz up to 7W per linear ft of tube- Suitable for damp locations
- Maximum 6 tube lamps side by side and 8 tubes (4x2) side-by-side

This 'C' and 'US' indicators adjacent to the LabTest Certification Mark shall signify that the product has been evaluated by an accredited laboratory to the applicable CSA and UL Standards respectively. The subject area shall be displayed with the LabTest Certification Mark to identify the Standard Number, and Revision Level.


Ordre des ingénieurs du Québec

Permis d'ingénieur

Yves Bernier


IES-Montréal

YVES BERNIER


DLC

Solid State Lighting

Model# WGTB4X013868ZXX

Manufacturer: WELL GREEN TECHNOLOGY
Brand: SOLUTIONS WELL GREEN
Technical Requirements Version: 2.1
Date Qualified: 03/16/2015
Date Delisted: 03/25/2016
Product ID: P4DF3YHG

Electrical Safety Authority | c LC us | CSA C US | c UL us | c ETL us | FC | DLC | RoHS | Régie du bâtiment Québec

Calculation of the ROI (Excluding cross effects, special pricing …)

Calculation of the annual cost of consumption (Cons.)

$$\frac{Number\ (nb.)\ of\ \sout{luminaires}(lumi.)}{Project} * \frac{Power\ (puis.)\ in\ \sout{Watt}}{\sout{lumi.}} * \frac{cons.\ pricing\ in\ \$}{1000\ \sout{Watt}*1\ \sout{hour}} * \frac{nb\ \sout{hou}\ of\ use\ (use)}{\sout{day}} * \frac{nb\ \sout{days}\ of\ use.}{year} = \frac{\$}{year}$$

Example T12 : $\frac{1000\ \sout{lumi.}}{Project\ A} * \frac{93\ \sout{Watts}}{\sout{lumi.}} * \frac{0.053\ \$}{1000\ \sout{Watts}*1\ \sout{hour}} * \frac{24\ \sout{hours}}{\sout{day}} * \frac{365\ \sout{days}}{year} = 43178.04 \frac{\$}{year}$ **Cons.**

Example T8 SWG : $\frac{1000\ \sout{lumi.}}{Project\ A} * \frac{13\ \sout{Watts}}{\sout{lumi.}} * \frac{0.053\ \$}{1000\ \sout{Watts}*1\ \sout{hou}} * \frac{24\ \sout{hours}}{\sout{day}} * \frac{365\ \sout{days}}{year} = 6035.64 \frac{\$}{year}$ **Cons.**

Calculation of the annual cost of power

$$\frac{Nb.\sout{lumi.}}{Project\ A} * \frac{Power\ in\ \sout{Watt}}{\sout{lumi.}} * \frac{Power\ pricing\ in\ \$}{1000\ \sout{Watt}*1\ \sout{month}} * \frac{12\ \sout{month}\ invoicing}{\sout{year}} = \frac{\$}{year}$$

Example T12 : $\frac{1000\ lumi.}{Project\ A} * \frac{93\ watts}{lumi.} * \frac{14.58\ \$}{1000\ \sout{Watts}*1\ \sout{month}} * \frac{12\ \sout{mon}}{year} = 16271.28 \frac{\$}{year}$ **Power**

Example T8 SWG : $\frac{1000\ \sout{lumi.}}{Project\ A} * \frac{13\ \sout{W}}{\sout{lumi.}} * \frac{14.58\ \$}{1000\ \sout{W}*1\ \sout{month}} * \frac{12\ \sout{months}}{year} = 2274.48 \frac{\$}{year}$ **Power**

Calculation of the annual labor force (AL) (Ballast, driver, bulb, tube, conversion, installation, coordination, purchase…) Sum up all labour costs (LA1 + LA2 +…)

$$\frac{Nb.of\ \sout{lumi.}}{\sout{Project\ A}} * Utilization\ rate * \Sigma\left(Type\ AL * associated\ time\ \frac{\sout{hour}}{\sout{lumi.}} * rate\ \frac{\$}{\sout{hour}} * occurrence\ \frac{nb.of\ time}{year\ if\ 24h/day}\right) = \$/year$$

Example T12 : $\frac{1000\ lumi.}{Project\ A} * \frac{\frac{24\sout{h}}{\sout{d}} * \frac{365\ \sout{d}}{\sout{year}}}{8760\frac{\sout{h}}{\sout{year}}} * \left(\left(Ballast\ replacement * \frac{0.33\ \sout{hour}}{\sout{lumi.}} * \frac{85\$}{\sout{hour}} * \frac{1}{3\ years}\right) + \left(Tube\ replacement * \frac{0.083\ \sout{hour}}{\sout{lumi.}} * \frac{30\$}{\sout{hour}} * \frac{1}{2\ years}\right) + \left(Tube\ purchase * \frac{4\ \sout{hours}}{1000\ \sout{lumi.}} * \frac{70\$}{\sout{hour}} * \frac{1}{2\ years}\right) + \left(Ballast\ purchase * \frac{4\ \sout{hours}}{1000\ \sout{lumi.}} * \frac{70\$}{\sout{hour}} * \frac{1}{3\ years}\right) + \left(Local\ coord.tube * \frac{0.033\ \sout{hour}}{\sout{lumi.}} * \frac{70\$}{\sout{hour}} * \frac{1}{2\ years}\right) + \left(Local\ coord.ballast * \frac{0.083\ \sout{hour}}{\sout{lumi.}} * \frac{70\$}{\sout{hour}} * \frac{1}{3\ years}\right)\right) = 13920 \frac{\$}{year}$ **LA**

Example T8 SWG : $\frac{1000\ lumi.}{Project\ A} * \frac{\frac{24\sout{h}}{\sout{d}} * \frac{365\ \sout{d}}{\sout{year}}}{8760\frac{\sout{h}}{\sout{year}}} * \left(\left(Tube\ replacement * \frac{0.083\ \sout{hour}}{\sout{lumi.}} * \frac{30\$}{\sout{hou}} * \frac{1}{10\ \sout{years}}\right) + \left(Tube\ purchase * \frac{4\ \sout{hour}}{1000\ \sout{lumi.}} * \frac{70\$}{\sout{hour}} * \frac{1}{10\ \sout{years}}\right) + \left(Locale\ coordination\ tube * \frac{0.033\ \sout{hour}}{\sout{lumi.}} * \frac{70\$}{\sout{hour}} * \frac{1}{10\ years}\right)\right) = 508 \frac{\$}{year}$ **AL**

Calculation of the annual cost of spare parts (SP) (Ballast, driver, bulb, tube, luminaire…) Sum of all the pieces that can break (SP1 + SP2 +…)

$$\frac{Nb.\sout{lumi.}}{Project\ A} * \frac{nb\ \sout{hours}\ of\ use}{\sout{day}} * \frac{nb\ \sout{days\ of}\ use}{year} * \Sigma\left(\frac{Nb.\sout{SP1}}{\sout{lumin.}} * \frac{SP\ cost\ en\ \$}{\sout{SP1} * Life\ time\ in\ \sout{hour}\ at\ 24h/d}\right) = \$/year$$

Example T12 : $\frac{1000\ \sout{lumi.}}{Project\ A} * \frac{24\sout{h}}{\sout{d}} * \frac{365\ \sout{d}}{\sout{year}} * \left(\left(\frac{2\ \sout{tubes}}{\sout{lumi.}} * \frac{7\$}{\sout{tube}*17520\ \sout{h}}\right) + \left(\frac{1\ \sout{ballast}}{\sout{lumi.}} * \frac{13\$}{\sout{ballast}*26280\ \sout{h}}\right)\right) = 11333.33 \frac{\$}{year}$ ***SP***

Example T8 SWG : $\frac{1000\ \sout{lumi.}}{Project\ A} * \frac{24\ \sout{hours}}{\sout{day}} * \frac{365\ \sout{days}}{year} * \left(\frac{1\ \sout{tube}}{\sout{lumi.}} * \frac{35\ \$}{\sout{tube}*87600\ \sout{hours}\ at\ 24h/d}\right) = 3500 \frac{\$}{year}$ ***SP***

Gain related to lighting per year (*Sum of costs T12 − Sum of costs T8 SWG*)

Example : 84702.65-12318.12= **72384.53 $ *per year saving***

$$ROI = \frac{\text{Payout}}{\text{Material investment+Installation Fees−Subsidies}}$$

Example = $\frac{72384\$/year}{(1000\ luminaires*(\left(\frac{35\$}{tube}*\frac{1\ tube}{luminaire}+\frac{15.61\ \$}{WGTR01}\right)+\left(\frac{0.25h}{conversion}*\frac{85\$}{h}\right)-\left(\frac{2.50\ \$\ subsidies}{tube}\right))} = 1.04 = 104\%$



Solutions **Well Green**

(514) 500-2121

Come and visit our showroom!

72F Boulevard Brunswick Dollard-des-Ormeaux, H9B 2C5

ventes@wellgreen.ca

www.wellgreen.ca