

VGB

Volumetric LED Luminaire



MECHANICAL

- Available in 1'x4', 2'x2' and 2'x4' recessed fixtures
- Corrosion and scratch resistant white enamel finish
- Fast and easy to install

ELECTRICAL

- 120-277 VAC
- 0-10V LED driver with aux power & dim-to-off enables wireless control options.

OPTICAL

- Low loss center-basket style diffuser

CERTIFICATIONS

- UL 1598 (US & Canada), suitable for damp locations
- FCC Part 15 Subpart B, Class A
- ROHS compliant, contains no lead or mercury
- Select models are DesignLights Consortium qualified. Consult www.designlights.org/QPL

CONTROL OPTIONS

- Bluetooth® occupancy and photo sensor
- Bluetooth® fixture controller
- Microwave occupancy sensor

WARRANTY

- Shorter of 120 Months or 50,000 hours of operation

ORDERING GUIDE

EXAMPLE: VGB24-30WS840S-UB2-IFSB

Series	Format	Watts (Switch Selectable)	CRI	CCT (Switch Selectable)	Voltage	Packaging	Options	Single Pack*
VGB = Volumetric Luminaire	14 = 1ft x 4ft 22 = 2ft x 2ft 24 = 2ft x 4ft	20WS = 16/20/30 20WS = 16/20/30 30WS = 25/30/35	8 = 80 (minimum)	40S = 3500K/4000K/5000K	U = 120-277 VAC, 50/60 Hz	B2 = 2PC Bulk Pack	MWPS = Microwave OCC & Photo Sensor IFSB = Bluetooth Intelligent Fixture Sensor IFCB = Bluetooth Intelligent Fixture Controller	-SPK (optional)

* SPK suffix is added for courier shippable single packs.

ACCESSORIES	
SENSOR-ACC-MWPS-RC	IR Remote Control for Configuration of MWPS Option
ELD-ECV30UVH-FI-10	Emergency Driver, 10W w/ Conduit whips, 120-277V
VGB-ACC-EMBK	Mounting Bracket set for mounting EM Driver to the VGB Luminaire

PERFORMANCE DATA

Format	Watts (Selectable)	Lumens	LPW	Input Current mA at 120V	Input Current mA at 277V	PF	ThD
14	16/20/30	2000/2500/3750	125	0.15/0.19/0.28	0.06/0.08/0.12	< 0.90	> 20%
22	16/20/30	2000/2500/3750	125	0.15/0.19/0.28	0.06/0.08/0.12		
24	25/30/35	3125/3750/4375	125	0.23/0.28/0.32	0.10/0.12/0.14		



PERFORMANCE NOTES:

-Specifications subject to change without notice.

DESIGNLIGHTS CONSORTIUM QPL LISTED PRODUCTS

Model Number
VGB14-20WS840S-UB2
VGB22-20WS840S-UB2
VGB24-30WS840S-UB2



DIMENSIONS (in)

PRODUCT ENVELOPE (in)				
Format	L	W	H	lb
14	47.75	11.95	1.85	6.3
22	23.75	23.75	1.85	5.8
24	47.75	23.75	1.85	10.6

Nominal Dimensions

BLUETOOTH SENSOR & CONTROL

DESCRIPTION

The IFCB option is a factory installed, Intelligent Bluetooth® Controller (a node) providing wireless connectivity with neighboring luminaires and other devices.

The IFSB option is a factory installed, Intelligent Bluetooth Occupancy and Photo Sensor providing wireless connectivity with neighboring luminaires and other devices.

ELECTRICAL

Three-Wire: Terminal connections, factory harnessed to an appropriate LED driver

Load Rating: Not Applicable

Dimming: 0-10V control signal.

SETTINGS

Room & zone assignments: None

Start up Sequence:

- 3 seconds OFF
- 6 seconds Full Bright
- 3 seconds Off
- 3 Seconds Dim
- Full Bright

BT-IFS Sensor Default

- Photo sensor disabled
- Occupancy sensor time out 20 minutes

BT-IFC Controller Default

- Sustained operation at 100% All control settings disabled for non-commissioned devices.

MANUFACTURER/PRODUCT

- Universal Douglas / BT-IFS-A & BT-IFC-A



VGB with IFSB sensor option

MWPS SENSOR OPTION

DESCRIPTION

- Microwave motion sensing with internal photocell
- Ramps to standby level after hold time then turns off after standby period
- Daylight sensor suppresses turn on if adequate natural light is available (optional)
- Fully configurable with IR remote control accessory: SENSOR-ACC-MWPS-RC
 - Hold time
 - Detection area (sensitivity)
 - Standby level
 - Standby period, may be set for bi-level control (no turn-off)
 - Daylight sensor (may be disabled)