

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

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

OPTICAL

- Low loss center-basket style diffuser

CERTIFICATIONS

- (Pending) 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 for details.

CONTROL OPTIONS

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

WARRANTY

- Five year limited warranty

ORDERING GUIDE

EXAMPLE: VGB24-30WS840S-UB2-IFSB

ORDERING INFORMATION

Series	Format	-	Watts (Switch Selectable)	CRI	CCT (Switch Selectable)	-	Voltage	Packaging	Options	Single Pack*
VGB = Volumetric Luminaire	14 = 1ft x 4ft	-	20WS = 16/20/30	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)
	22 = 2ft x 2ft	-	20WS = 16/20/30							
	24 = 2ft x 4ft	-	30WS = 25/30/35							

* SPK suffix is added for courier shippable single packs.

ACCESSORIES

SENSOR-ACC-MWPS-RC	IR Remote Control for Configuration of MWPS Option
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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		

LUMEN MAINTENANCE

Reported per TM-21	L85 > 60,000 hrs
	L90 > 56,000 hrs

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

Douglas Lighting Controls/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)