

G11 Series

Rounded Square 11" LED Luminaire Field Serviceable Components Optional Integral Sensor

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- COLOR RENDERING INDEX — Ra70.
- DRIVER — Universal Voltage 120/277v Electronic Driver with 0-10V dimming. Power Factor ≥0.9.
- DIFFUSER — Polycarbonate optical Lens for optimal, low glare illumination. Optional Drop Polycarbonate Diffuser (DL).
- FINISH — Polyester Powder Coat Finish in Bronze.
- HOUSING — Precision high tolerance aluminum die cast. Four 1/2" trade size threaded conduit entries provided for surface conduit entry. One 3/4" trade size threaded conduit entry provided on top for pendant (PEND) mounting.
- LIFETIME — >50,000Hrs (Ta=30°C@L70)
- LIGHT ENGINES — Energy Efficient Light Emitting Diode (LED).
- LIGHT DISTRIBUTION — Type V.
- OPERATING TEMPERATURE — -30°C to +50°C (-22°F to 122°F).
- MOUNTING — Ceiling Mount (CM) or Pendant Mount (PEND).
- SENSOR — Optional Integral Microwave Sensor with Daylight Control.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. IP65 Rated.
- WARRANTY — 5-year Limited Warranty.



FEATURES

- RAPID MOUNT BOX (RMB)
- FIELD SERVICEABLE DRIVER / LIGHT ENGINE
- WIRELESS REMOTE CONTROL SENSOR

APPLICATIONS

- PARKING GARAGES
- INDUSTRIAL FACILITIES / WAREHOUSES
- EXHIBITION HALLS

ORDERING GUIDE:

Series	Mounting	LED Wattage	CCT	Voltage	Finish	Options

SERIES

G11 = G11 Rounded Square Series

MOUNTING

RMB = Rapid Mount Box

PEND = Pendant Mount

-3" Stem is Standard

-For Other Stem Lengths (Consult Factory)

Choose Pendant Canopy Style:

SWC-R = Swivel Canopy for 4" Round J-BOX

SWC-RR = Swivel Canopy for 4" Round J-BOX

— Rapid Mount with Hinged Door

SWC-S = Swivel Canopy for 4" Square J-BOX

SWC-SR = Swivel Canopy for 4" Square J-BOX

— Rapid Mount with Hinged Door

Note: See Page 3 for Images/Examples

LED WATTAGE/LUMENS (Nominal)

Note: Lumens based on 5000K Color Temp

LED40 = 40 Watt (±4W) — 6000 Lumens (±5%)

LED60 = 60 Watt (±3W) — 9000 Lumens (±5%)

VOLTAGE

347 = 347 Volt

480 = 480 Volt

UNV = Universal Voltage (120 thru 277v) Driver

LED COLOR TEMPERATURE (CCT)

3K = ±3000K range (Optional)

4K = ±4000K range (Optional)

5K = ±5000K range — Standard

FINISH

BZ = Bronze Finish

MISC OPTIONS

DL = Drop Lens Polycarbonate Diffuser (Anti-Glare)

— 60W | 7700 Lumens (±5%)

SG = 10KA Surge Protection (ANSI spec C62.41.2)

WG = Wire Guard (300pcs Minimum Order Quantity Required)

CONTROL OPTIONS

Note: See Accessory Options for Required Remote Controller

OCC = Occupancy Sensing | Motion Sensor Integral

— Microwave / Single Feed / 120/277V Only

— Standby Dim Level Presets: ON/OFF (0%/100%)

BLD = Bi-Level Dimming | Motion Sensor Integral

— Microwave / Single Feed / 120/277V Only

— Standby Dim Level Presets:

10% / 20% / 30% (Standard) / 50%

BLDA = Bi-Level Dimming | Motion Sensor Integral

— Ambient Light Sensing Feature (AMB)

— Microwave / Single Feed / 120/277V Only

— Standby Dim Level Presets:

10% / 20% / 30% (Standard) / 50%

— Bi-Level Control Initiated at AMB Light Level Preset

TELLELIGHT WIRELESS CONTROL SYSTEM

Certified Bluetooth Mesh Components & Topology

Standard Fixture Options: (Question? Consult Factory Rep)

TSC3 = Internal Fixture Controller w/External Antennae Cover

— TSC3 Requires Sensor

TSS9 = Internal Microwave Low Bay Sensor. No External Lens.

TSS12* = External PIR Low Bay Sensor. 120-277VAC Powered

— TSS12 is Junction Box Mounted

*Additional Sensor Options: TelleLight Brochure

EMERGENCY / BATTERY OPTIONS

No onsite Emergency Power (AC or DC) is provided

Meets California Energy Commission Title 20:

(CEC-400-2014-009-CMF) Efficiency Standards

REL4W = Remote LED 4 Watt

REL8W = Remote LED 8 Watt

REL16W = Remote LED 16 Watt

Cold Weather Emergency Batteries:

Operating Temp: -20°C thru 50°C

NON-CEC Compliant

REL10W-CW = Remote LED 10 Watt (Cold Weather)

ACCESSORY OPTIONS (order as a separate line)

REMT = Remote Controller for Sensor Options

NOTES:

1 Consult Factory for additional Emergency options not shown

2 Max mounting height of fixture is 18' (18 feet)

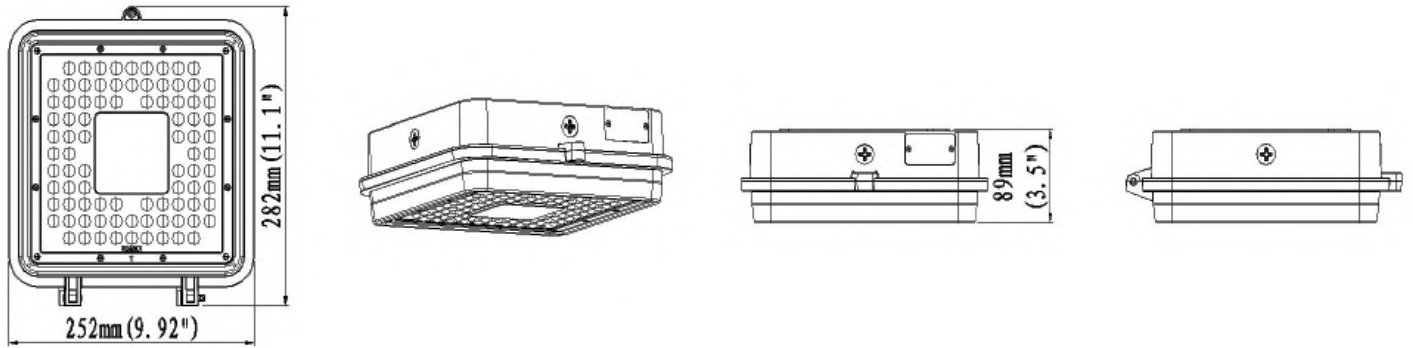
3 Max WHIP length of the REL is 8 feet.

4 Final selection of the Battery Pack under discretion of Factory

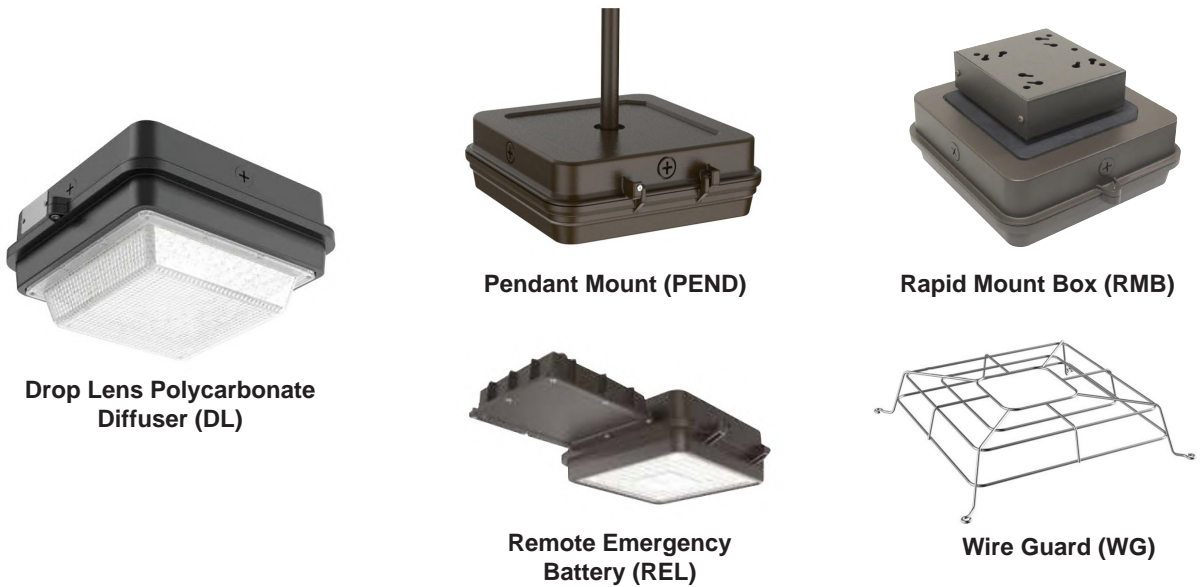
FEATURES



DIMENSIONS



OPTIONS



PENDANT SWIVEL CANOPY TYPES



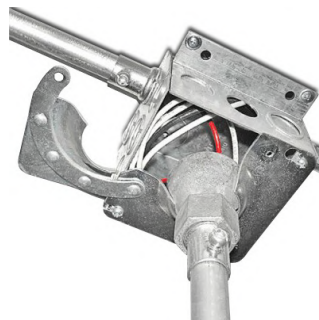
**Swivel Canopy 4" for
Round/Octagonal J-BOX (SWC-R)**



**Swivel Canopy 4" for
Square J-BOX (SWC-S)**



**Swivel Canopy 4" for
Round/Octagonal J-BOX
Rapid Mount with Hinged Door
(SWC-RR)**



**Swivel Canopy 4" for
Square J-BOX
Rapid Mount with Hinged Door
(SWC-SR)**

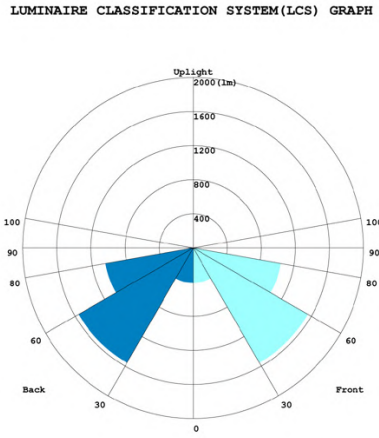
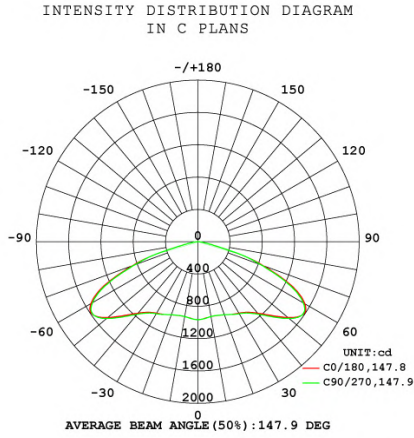
PHOTOMETRIC DATA

Test # G1140W5K

CATALOGUE #: G11-LED40-5K

Test Date: 5/11/2019 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Distribution Type	Color Temp	BUG Rating
6126.3 Lumens	150.27 LPW	120.0V	0.3436A	40.77W	0.9885	Type V - Short	5000K	B3-U0-G1



LCS Summary	
Zone	Lumens
Front Low	409.86
Back Low	409.86
Uplight Low	0
Front Middle	1552.9
Back Middle	1552.9
Uplight High	0
Front High	1047.1
Back High	1047.1
Front Very High	53.296
Back Very High	53.296

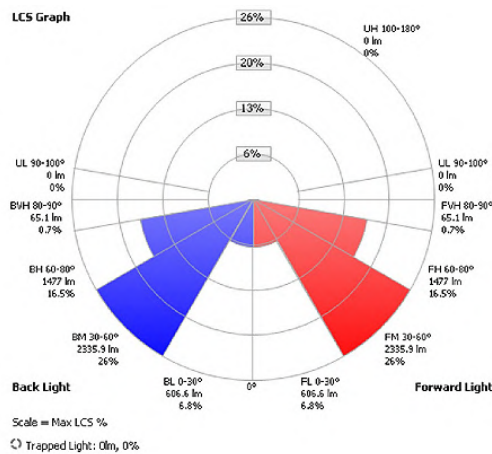
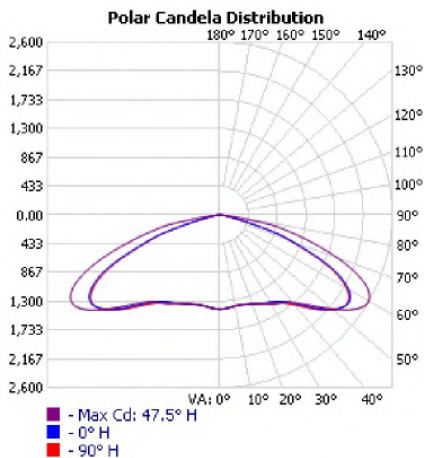
PHOTOMETRIC DATA

Test # G1160W5K

CATALOGUE #: G11-LED60-5K

Test Date: 5/2/2019 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Distribution Type	Color Temp	BUG Rating
8969.02 Lumens	148.0 LPW	120.2V	0.2784A	60.6W	0.9457	Type V - Short	5000K	B3-U0-G1



LCS Summary	
Zone	Lumens
Front Low	606.62
Back Low	606.62
Uplight Low	0
Front Middle	2335.8
Back Middle	2335.8
Uplight High	0
Front High	1476.8
Back High	1476.8
Front Very High	65.352
Back Very High	65.352

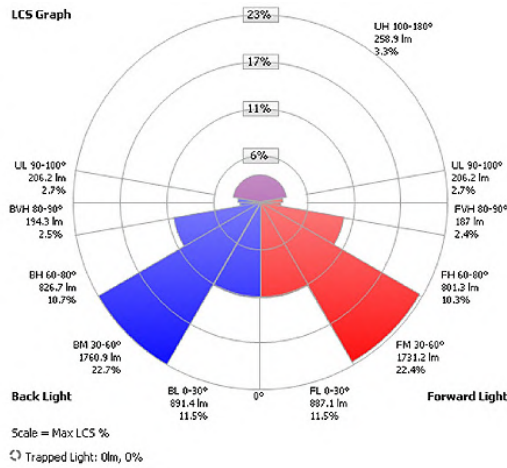
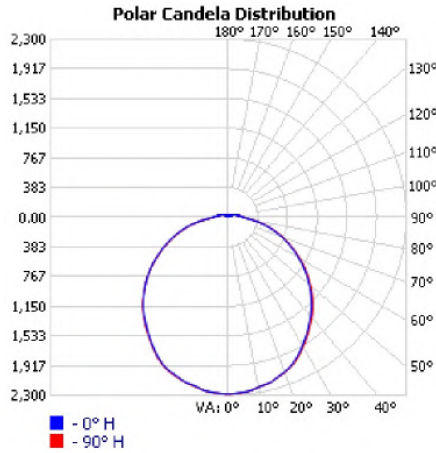
PHOTOMETRIC DATA

Test # G1160W5KDL

CATALOGUE #: G11-LED60-5K-DL (Drop Lens)

Test Date: 1/25/2019 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Distribution Type	Color Temp	BUG Rating
7745.03 Lumens	129.23 LPW	120.3V	0.2735A	59.93W	0.9514	Type V - Short	5000K	B2-U3-G2



LCS Summary	
Zone	Lumens
Front Low	887.1
Back Low	891.3
Uplight Low	206.3
Front Middle	1731.1
Back Middle	1760.8
Uplight High	258.9
Front High	801.3
Back High	826.7
Front Very High	187.0
Back Very High	194.0

ON/OFF

Press the "ON/OFF" button, the light keeps permanently on or off. Press "Auto mode", "Reset" or "Apply" button to quit from this mode.

Auto mode

Press "Auto mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.

Detection area

Press the button "detection range" to set detection range as 100% / 75% / 50% / 10%.

Hold time

Press the button "hold time" to set hold-time as 5s / 30s / 1min / 3min / 5min / 10min / 15min / 30min .

Stand-by dimming level

Press the button "stand-by dimming level" to set the stand-by dimming level as 10% / 20% / 30% / 50%.

Stand-by period

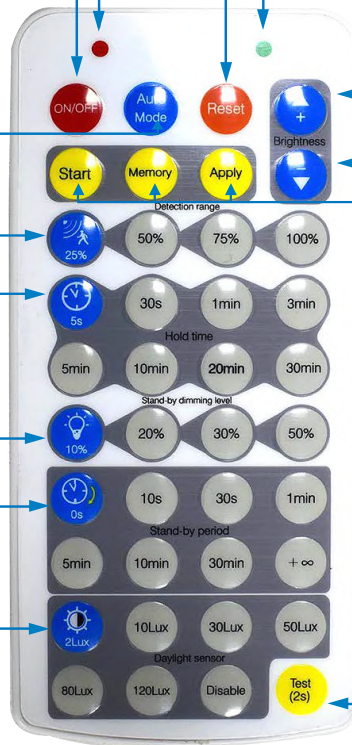
Press the button "stand-by period" to set stand-by period as 0s / 10s / 30s / 1min / 5min / 10min / 30min / + ∞.

Note: "0s" means no standby period; "+∞" means unlimited standby period.

Daylight sensor

Press the button "daylight sensor" to set daylight threshold as 2Lux / 10Lux / 30Lux / 50Lux / 80Lux / 120Lux / disable.

Note: Disable means light will be turned on once sensor detects movement, regardless of the ambient lux.



Reset

1. Press "Reset" button, change brightness to max level.
2. Press "Reset" button, products with DIP switch will be controlled by DIP switches; otherwise all the setting will be just initial, that is 100% detection range, hold time 5S, no stand-by time and daylight threshold disabled.

"+/-"

1. To adjust brightness 10-100% in ON/OFF mode.
2. To adjust highest brightness 60-100% in sensor mod.

"Start"

Press "Start" to customize scene, users can change detection range, daylight threshold, holdtime, standby dimming level and standby period.

"Memory"

1. Press "Memory" to save all the settings.
2. No change settings are kept as before save.

"Apply"

1. Press "Apply" to deliver the saved values.
2. Press "Apply" without memorizing all the settings will deliver only one-time operation; Settings should be done within 30S, otherwise it exists memory mode.

"Test (2s)"

The button "Test (2s)" is for testing purpose after commissioning. Pressing this button, the sensor goes to test mode (hold time is only 2s) automatically, stand-by period and daylight sensor are disabled.

Attention

1. Light turns on when sensor is wired correctly.
2. When using ON/OFF button, the rest setting buttons don't work.
3. Press "Auto Mode", "Apply" or "Reset" button before setting detection range, holdtime, daylight threshold, standby dimming level and standby period, sensor flickers after receiving signals.
4. Every change will be automatically saved.
5. "Start" and "Memory" operation doesn't affect sensor working, "Apply" does.
6. **How to use "Memory" mode:**
 - ① Press "Start", then set parameters in each of the five zones (Detection area, Hold time, Stand-by dimming level, Stand-by period, Daylight sensor), then press "Memory" to memorize the settings; press "Apply" to control required sensors.
 - ② Press "Apply" without "Memory" makes all settings just for one time.
 - ③ Settings should be done within 30S, otherwise it has to start over.