

GLB

Garage Low Bay Luminaire LED

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CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- DRIVER — Universal Voltage (120-277V) Electronic Driver with 0-10V dimming.
- HOUSING — Die cast aluminum housing with built-in heat sink.
- LENS — Frosted Polycarbonate with standard Glare Control.
- FINISH — Cast aluminum housing finished in black.
- EFFICACY — 150 Lumens per Watt
- LIFE SPAN — 50,000 Hrs Duty Cycle
- BEAM ANGLE — 120°(Standard) or 60°, 90°.
- COLOR RENDERING INDEX — >83± CRI.
- POWER FACTOR — ≥ 0.95.
- POWER EFFICIENCY — ≥ 0.90%
- MOUNTING — Hook (HOOK), Surface (SM), Trunnion (TM), or Pendant Mount (PEND).
- OPERATING TEMP — -30°C to 50°C.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Suitable for Wet Locations. IP65 Tested and Approved. DLC / CETL Listed.
- WARRANTY — 5 Year Limited Warranty.



ORDERING INFO

Series	Mounting	Wattage	CCT	Beam	Voltage	Finish	Options
ORDERING GUIDE:							

SERIES

- GLB-S = Garage Low Bay Luminaire - Small
- GLB-XL = Garage Low Bay Luminaire - X-Large

MOUNTING

- HOOK** = Hook Mount
-Includes Eyelid Ring for Chain Suspension
- SM** = Surface Mount
-Includes Rapid Mount Box (RMB) & 3" Stem
- TM** = Trunnion Mount
- 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

WATTAGE

Note: *Minimum Order Quantity = 100

GLB Small - LED Wattages

- LED60 = 60 Watt LED (8,800 Initial Lumens)
- LED80* = 80 Watt LED (10,000 Initial Lumens)
- LED100 = 100 Watt LED (12,500 Initial Lumens)
- LED120* = 120 Watt LED (15,500 Initial Lumens)
- LED150 = 150 Watt LED (18,500 Initial Lumens)

GLB X-Large - LED Wattages

- LED200 = 200 Watt LED (26,500 Initial Lumens)

COLOR TEMPERATURE (CCT)

- 3K = ±3000K range
- 35K = ±3500K range
- 4K = ±4000K range
- 5K = ±5000K range

BEAM ANGLE

- 60D = 60° Beam Angle
- 90D = 90° Beam Angle
- 120D = 120° Beam Angle — Standard

VOLTAGE

- 347 = 347 Volt
- 480 = 480 Volt
- UNV = Universal Volt (120-277v) Electronic Driver
—Features Standard 0-10V Dimming

STANDARD FINISH

- BK = Black — STANDARD

PREMIUM UPCHARGE FINISH

Note: Other Color Finishes Require 40pcs MoQ + Adder Charge

- BZ = Bronze
- WH = White
- CC = Custom Color

MISC OPTIONS

- RMB = Rapid Mount Box
— Included for Surface Mount (SM)

CONTROL OPTIONS

Sensor Control (Sensor Integral to Fixture)

Note: See Accessory Options for Required Remote Controller

- OCC** = Occupancy Sensing | Motion Sensor Integral²
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets: ON/OFF (0%/100%)
- BLD** = Bi-Level Dimming | Motion Sensor Integral²
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets:
10% / 20% / 30% (Standard) / 50%
- BLDA-E** = Bi-Level Dimming | Motion Sensor External²
— 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

EMERGENCY / BATTERY OPTIONS³

No onsite Emergency Power (AC or DC) is provided

Meets California Energy Commission Title 20:
(CEC-400-2014-009-CMF) Efficiency Standards

- EL20W-LV** = LED 20 Watt - Low Voltage (20-50V)
— 2000 Lumens / Requires Rapid Mount Box
— (.4A - 1.0A)
- EL20W-MV** = LED 20 Watt - Medium Voltage (50-130V)
— 2000 Lumens / Requires Rapid Mount Box
— (.4A - 1.0A)(.15A - .40A)
- EL20W-HV** = LED 20 Watt - High Voltage (125-200V)
— 2600 Lumens / Requires Rapid Mount Box
— (.10A - .16A)

ACCESSORY OPTIONS (order as a separate line)

REMT0008 = Remote Controller for Sensor Options

NOTES:

- Consult Factory for additional Emergency options not shown.
- Max mounting height of fixture is 18' (18 feet).
- Final selection of the Battery Pack under discretion of Factory.

GLB

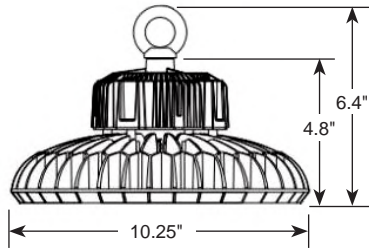
Garage Low Bay Luminaire LED

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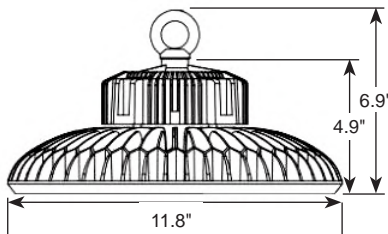
CATALOG #		TYPE
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DIMENSIONS

GLB Small (GLB-S)



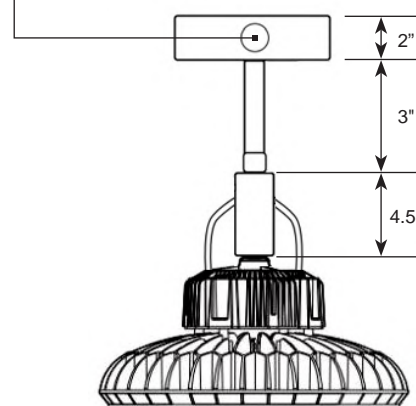
GLB X-Large (GLB-XL)



GLB Surface Mount (GLB-SM)

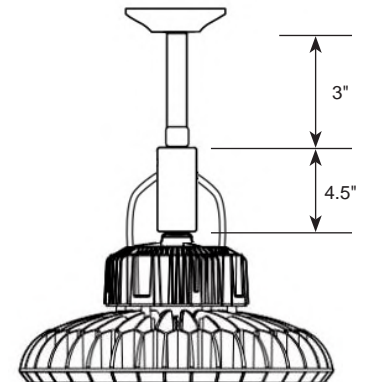
Includes Standard 3" Stem

Surface Mount includes Rapid Mount Box (RMB)



GLB Pendant (GLB-PEND)

Includes Static (STC) or Swivel (SWC) Canopy



MOUNTING



Hook Mount (HOOK)



Trunnion Mount (TM)



PENDANT Mount (PEND-SWC)
Swivel Canopy



Surface Mount (SM)
Includes Rapid Mount Box (RMB)
with 3" Stem

FEATURES / OPTIONS



Frosted Polycarbonate Lens
Shown with Standard
Glare Control



Motion Sensor Unit



Wireless Remote Control
(REMT0008)

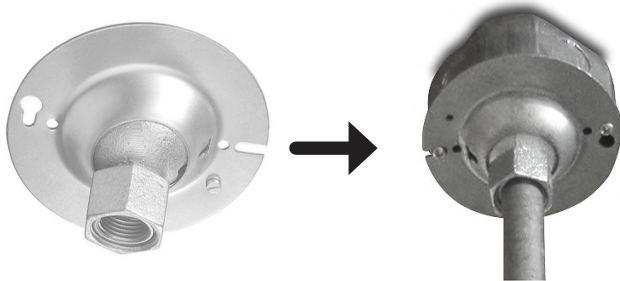
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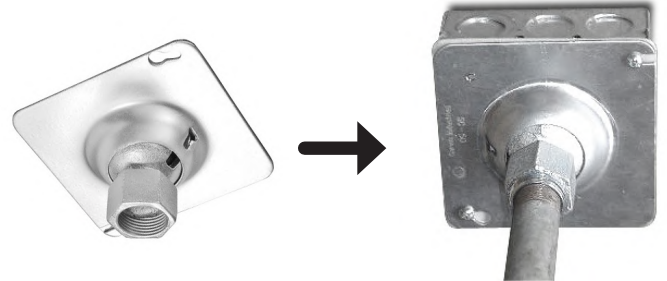
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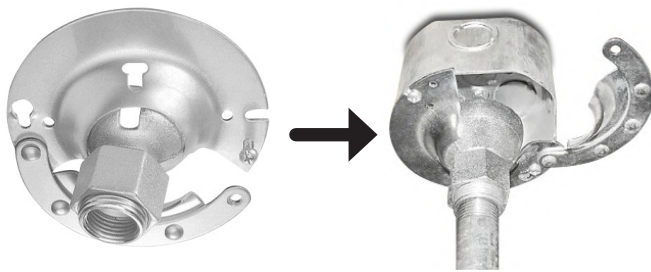
PENDANT SWIVEL CANOPY TYPES



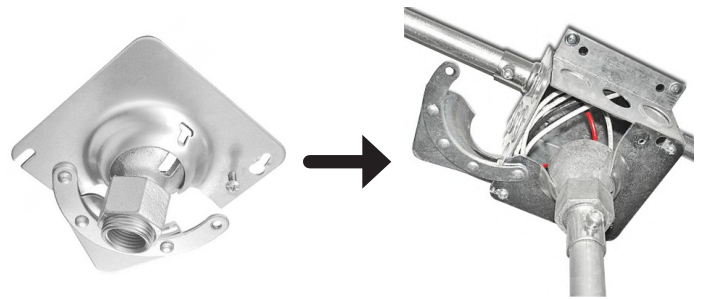
Swivel Canopy 4" for Round/Octagonal J-BOX (SWC-R)



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)

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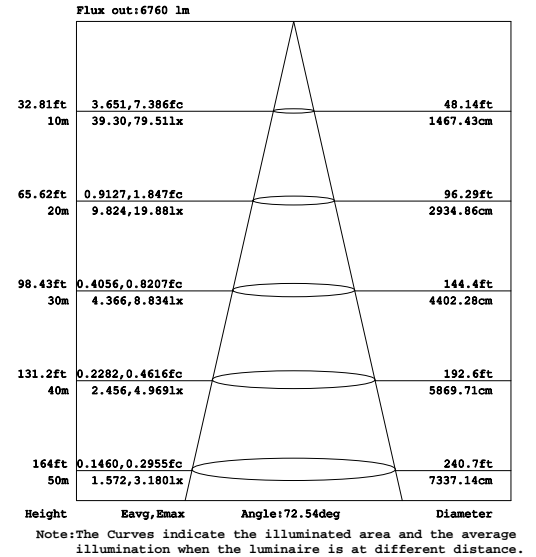
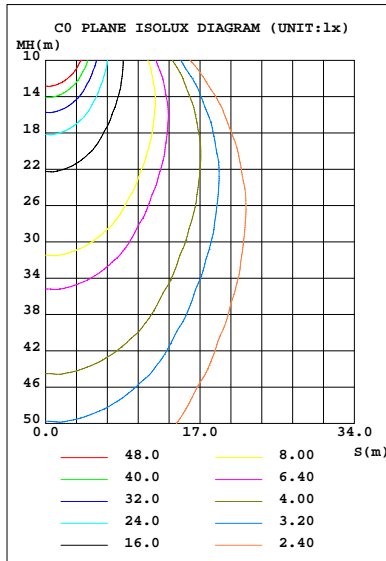
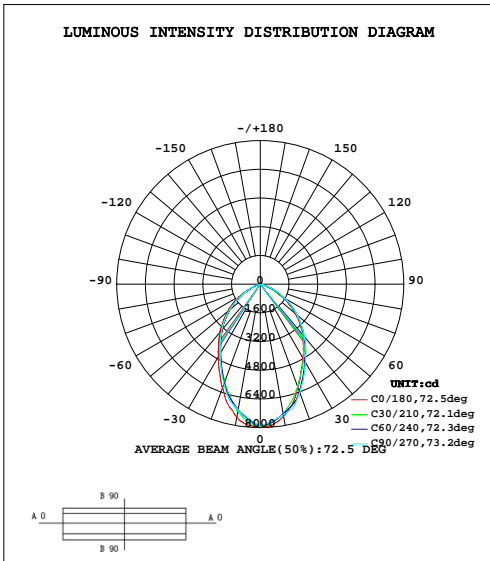
PHOTOMETRIC DATA

Test # **EVF-GLBSTM100W90D5K**

CATALOGUE #: **GLB-S-TM-LED100-90D-5K-EBU**

Test Date: 1/21/2016 — 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	Avg Beam Angle	Test Distance	Test Temp
12626.9 Lumens	129.91 LPW	120.2V	0.4480A	97.20W	0.9840	72.5 Deg	8.000m	25.3 Deg

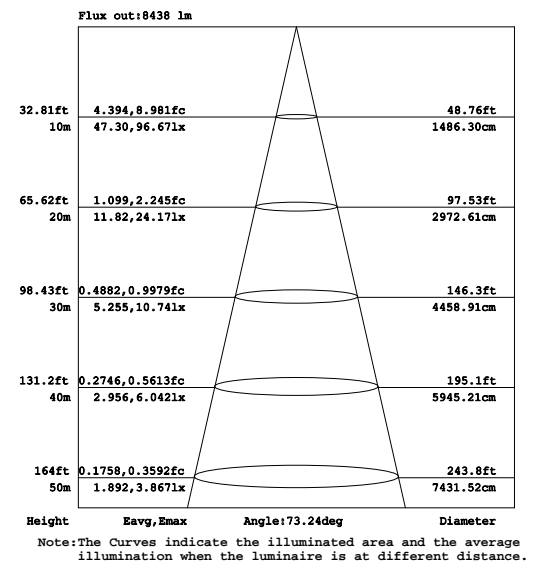
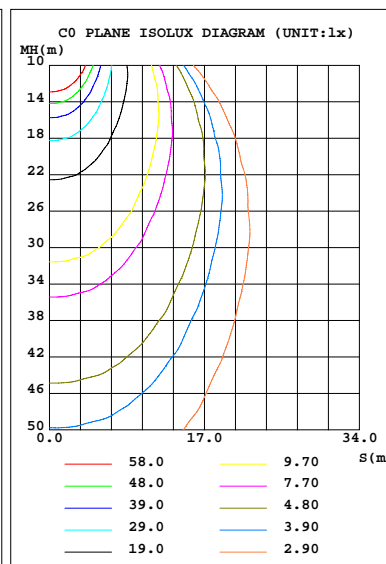
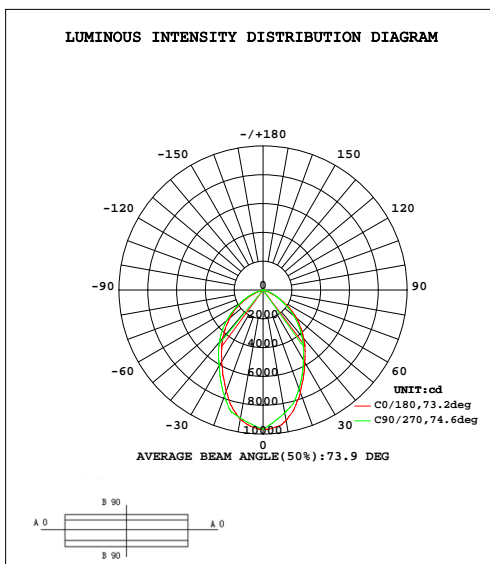


Test # **EVF-GLBLTM120W90D5K**

CATALOGUE #: **GLB-L-TM-LED120-90D-5K-EBU**

Test Date: 1/21/2016 — 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	Avg Beam Angle	Test Distance	Test Temp
15491.3 Lumens	131.84 LPW	120.2V	0.5520A	117.5W	0.9660	73.9 Deg	8.000m	25.3 Deg



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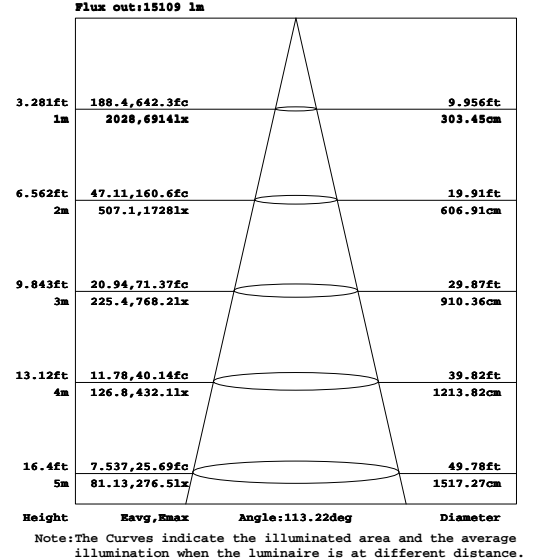
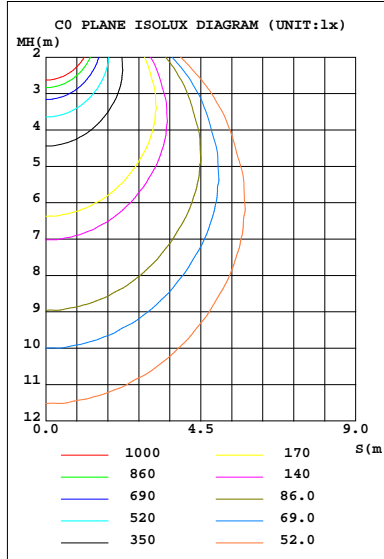
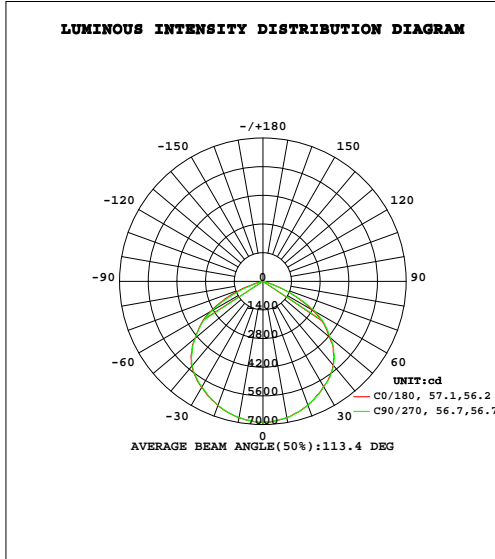
PHOTOMETRIC DATA

Test # **EVF-GLBLTM150W120D5K**

CATALOGUE #: **GLB-L-TM-LED150-120D-5K-EBU**

Test Date: 8/26/2015 — 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	Avg Beam Angle	Test Distance	Test Temp
18232.5 Lumens	124.29 LPW	120.0V	0.5662A	146.7W	0.9350	113.4 Deg	26.000m	25.2 Deg

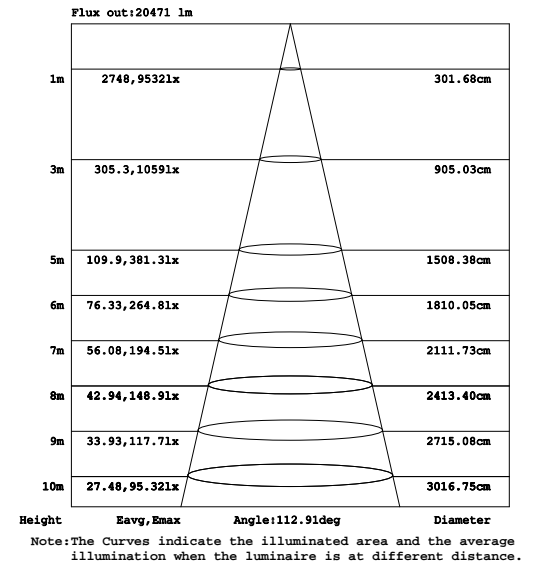
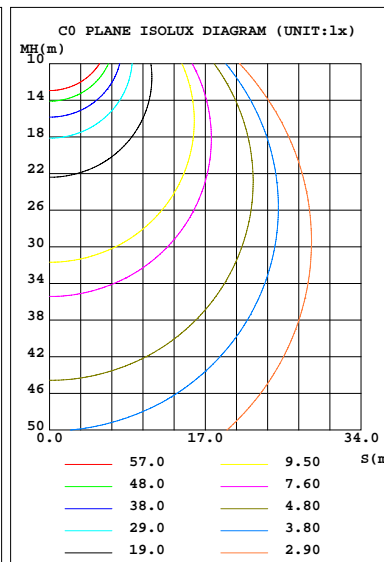
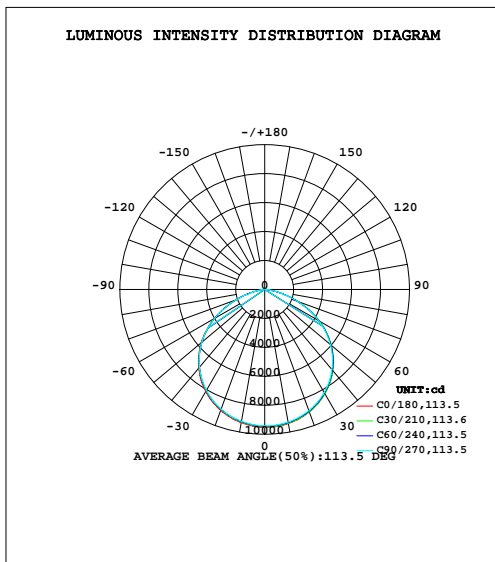


Test # **EVF-GLBXLTM200W120D5K**

CATALOGUE #: **GLB-XL-TM-LED200-120D-5K-EBU**

Test Date: 1/20/2018 — 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	Avg Beam Angle	Test Distance	Test Temp
26626.5 Lumens	135.38 LPW	120.0V	0.9235A	196.7W	0.9698	113.5 Deg	13.130m	25.3 Deg



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PHOTOMETRIC DATA

Test # 102063649CHI-1003

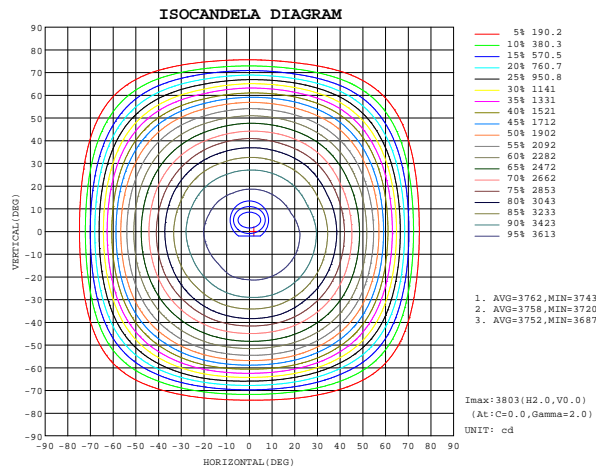
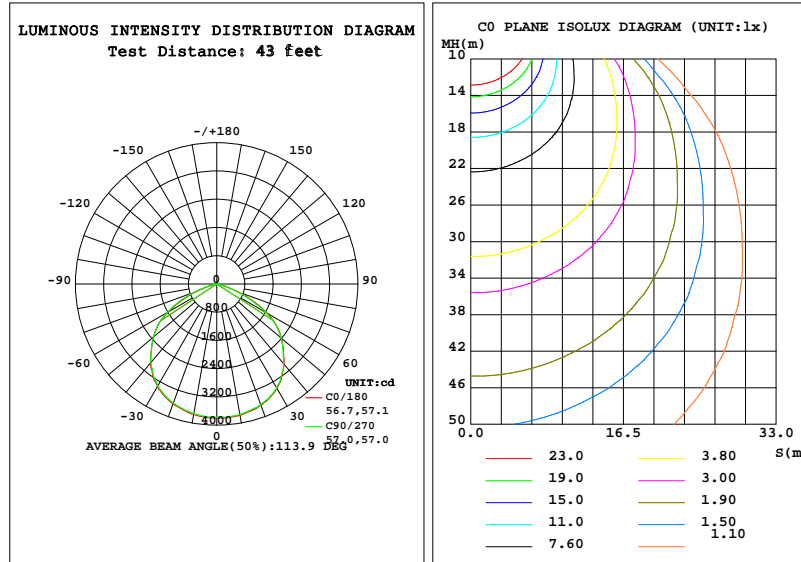
CATALOGUE #: GLB-S-PEND-LED80-120D-5K-EBU-BK

Test Date: 3/24/2017 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

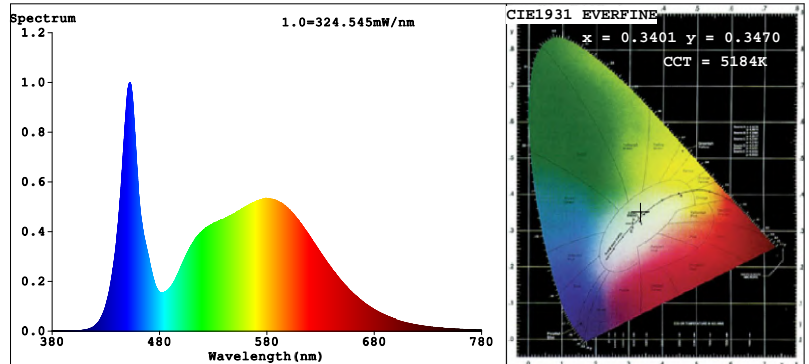
Summary of Results	
Total Lumen Output	10175 Lumens
Efficacy (Lm/W)	129.8 Lm/W
CRI	71.4
CCT	5184K
Duv	-0.0003

Electrical Test Conditions				
Temp	Voltage	Power	Power Factor	Current THD
25°C (±1°C)	120.0	78.4W	1.00	4.92%

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	3012.35	29.60
0-40	4981.19	49.00
0-60	8791.57	86.40
0-90	10125.31	99.50
40-90	5144.12	50.5
60-90	1333.74	13.1
90-180	49.68	0.50
0-180	10174.99	100.0



Spectrum Test Report



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WIRELESS REMOTE CONTROL (REMT0008) INSTRUCTIONS

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

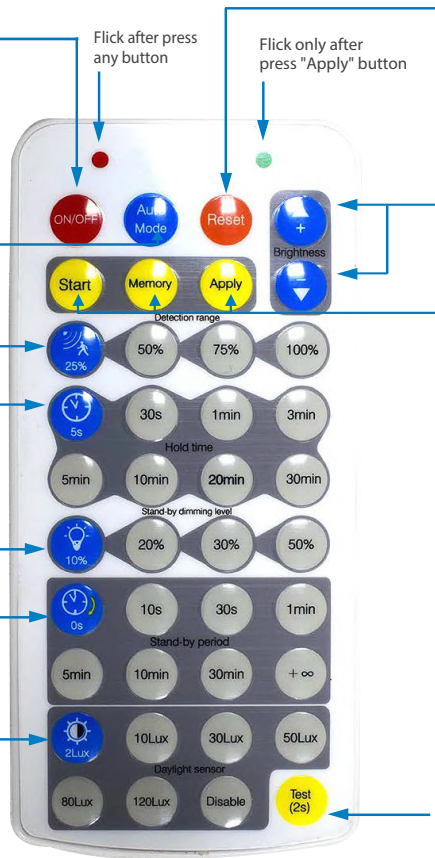
Press the button "stand-by period" to set stand-by period as 0s / 10s / 30s / 1min / 5min / 10min / 30min / + ∞.

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.