# LEDLUMINA

**TITLE 20** **TITLE 24** IK09 IP66 RoHS COMPLIANT DLC LISTED PREMIUM UL CERTIFIED

## BS400LED - MID BAY/ GARAGE LIGHT

- The **LEDLUMINA** BS400LED is a modern, ultra low profile, glare-free, energy saving solution that is scalable to your project

- The **LEDLUMINA** BS400LED features a surface mount bracket with quick connect for ease of i nstallation and stainless steel hardware

- **DIFFUSER:** Frosted UV stabilized polycarbonate diffuser provides even light distribution; Reflected light technology efficiently controls glare

- **HOUSING:** Die-cast, copper-free aluminum

- **LUMENS:**
  - LO (30W): 3571 up to 3779 lm (SA: 16W, 1881 lm)
  - MO (45W): 5358 up to 5671 lm (SA: 16W, 1881 lm)
  - HO (60W): 6980 up to 7282 lm (EM: 17W, 2190 lm)

- **OPERATING TEMPERATURES:**
  - HT: -40 to 40°C (-40 to 104°F)
  - SA (MO & LO): 0 to 25°C (32 to 77°F))
  - EM (HO): 0 to 50°C (32 to 122°F)

  **OPTIONS:**
  - Integral and remote emergency egress solutions
  - Beghelli lighting control options (see Beghelli Controls section)
  - Surge and fuse protection

  **WEIGHT:** 14 lbs / 6.3 kg

**APPLICATION:** The **BS400LED** has been specifically designed to meet parking structure requirements. It's also ideal for other applications including retail stores, industrial installations, warehouses, breezeways, canopies, schools and much more. It can be installed both indoor and outdoor.

## ORDERING INFORMATION

Example: BS400LED HT HO WT40 120-277V

| MODEL | OPERATION | OUTPUT | COLOR TEMP | INPUT | OPTIONS | | |
|---|---|---|---|---|---|---|---|
| BS400LED | HT (AC only) | LO | WT30 (3000K) | 120-277V | EM-RMT[2] (remote mount EM backup - 90 min runtime) | | IS[4,5] (internal occ sensor) |
| | SA[1] (AC & EM) | MO | WT40 (4000K) | 347-480V | EM-CT[3,10] (integrated cold temperature EM pack) | | NOD[5] (integrated node) |
| | | HO | WT50 (5000K) | | FP (inline fuse protection - 3A) | | SP (surge protection - 10 kA) |

| CONTROLS & ACCESSORIES | | |
|---|---|---|
| 1PKxWBS400[6,7] (single pendant kit, white, x=length) | EMDCB[5] (BT wireless motion & lux sensor) | TM22BS400[7] (22" height trunnion mount) |
| 1SPKxWBS400[6,7] (swivel pendant kit, x=length) | HHRFSIR[8] (handheld remote for FSP221) | |
| 1XACx[6,7] (adjustable aviation cable, x=length) | MLM1[5] (wireless motion and lux sensor | |
| 4CH48[6,7] (48" chain hang kit, 4 pieces) | RLY[5] (wireless relay | |
| | SW1[5] (single rocker wall switch) | |

**NOTE 1**: SA for LO & MO only (120-277V); 16W; 1881lm. CEC Title 20; Comes with test switch and LED indicator
**NOTE 2**: HT Only, all models
**NOTE 3**: HT Only, LO & MO Models
**NOTE 4**: IS is std Beghelli sensor, FSP 221, Magnum ISM1 and other sensors are available
**NOTE 5**: Beghelli offers wireless and powerless control solutions, contact factory for more details

**NOTE 6:** Pendant kit includes bracket on back of fixture, stem and ceiling canopy; standard stem length represented by "x" = 12 (12"), 24 (24") and 48 (48")
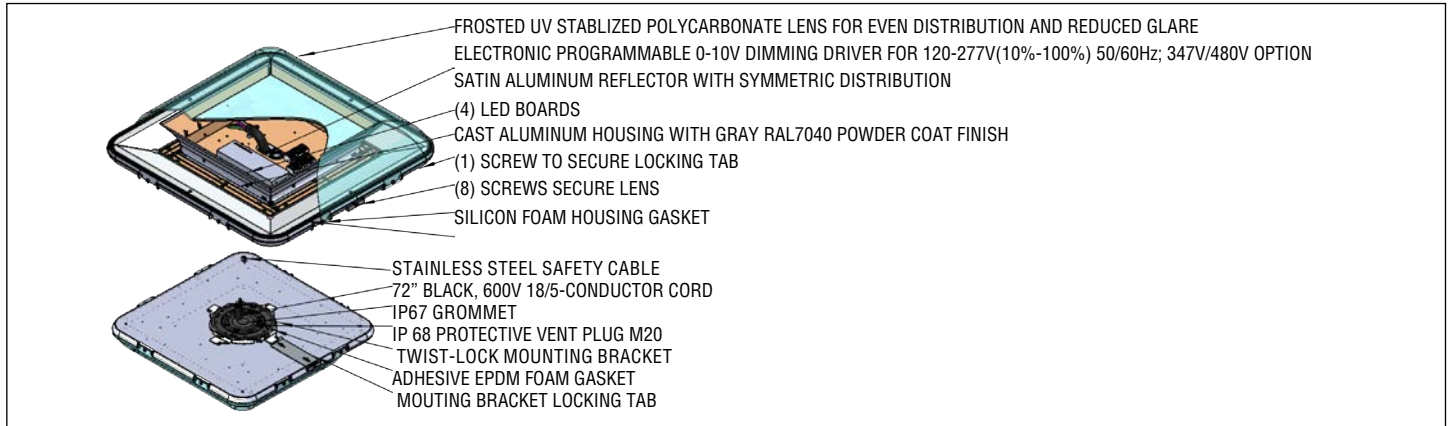**NOTE 7:** Consult factory for non-standard lengths
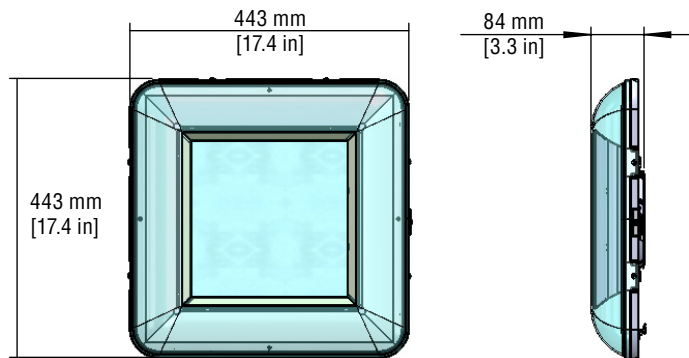**NOTE 8:** FSP221 utilizes HHRFSIR handheld remote accessory for programming
**NOTE 9:** Consult factory
**NOTE 10:** Cold temp. emergency pack option for SA models; 120-277V; down to -20°C (-4°F); 14W; 1750 lm
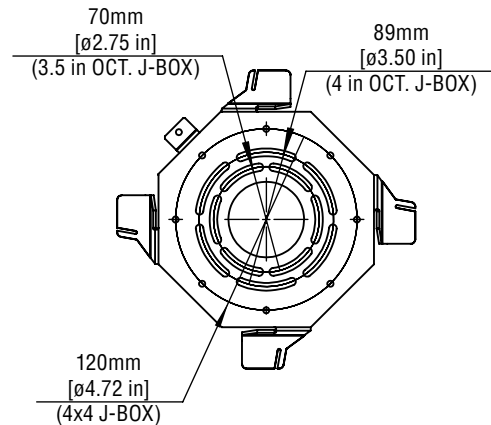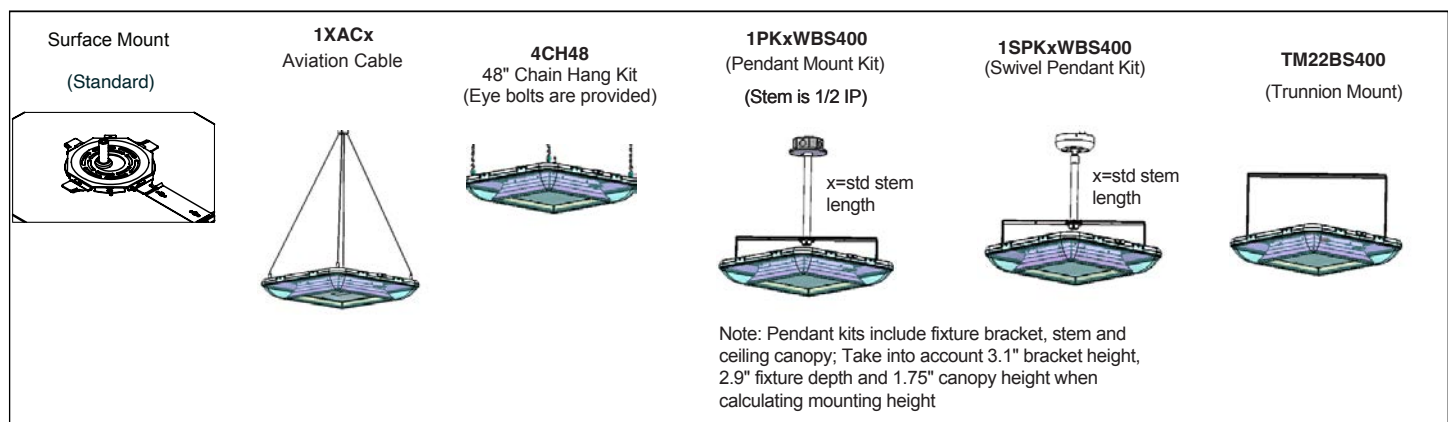
## TECHNICAL INFORMATION

FROSTED UV STABLIZED POLYCARBONATE LENS FOR EVEN DISTRIBUTION AND REDUCED GLARE
ELECTRONIC PROGRAMMABLE 0-10V DIMMING DRIVER FOR 120-277V(10%-100%) 50/60Hz; 347V/480V OPTION
SATIN ALUMINUM REFLECTOR WITH SYMMETRIC DISTRIBUTION
(4) LED BOARDS
CAST ALUMINUM HOUSING WITH GRAY RAL7040 POWDER COAT FINISH
(1) SCREW TO SECURE LOCKING TAB
(8) SCREWS SECURE LENS
SILICON FOAM HOUSING GASKET
STAINLESS STEEL SAFETY CABLE
72" BLACK, 600V 18/5-CONDUCTOR CORD
IP67 GROMMET
IP 68 PROTECTIVE VENT PLUG M20
TWIST-LOCK MOUNTING BRACKET
ADHESIVE EPDM FOAM GASKET
MOUTING BRACKET LOCKING TAB

## DIMENSIONS

443 mm [17.4 in]

443 mm [17.4 in]

84 mm [3.3 in]

## SURFACE MOUNTING (STANDARD WITH BRACKET)

70mm [ø2.75 in] (3.5 in OCT. J-BOX)

89mm [ø3.50 in] (4 in OCT. J-BOX)

120mm [ø4.72 in] (4x4 J-BOX)

## MOUNTING OPTIONS

| Surface Mount (Standard) | 1XACx Aviation Cable | 4CH48 48" Chain Hang Kit (Eye bolts are provided) | 1PKxWBS400 (Pendant Mount Kit) (Stem is 1/2 IP) | 1SPKxWBS400 (Swivel Pendant Kit) | TM22BS400 (Trunnion Mount) |
|---|---|---|---|---|---|

x=std stem length

x=std stem length

Note: Pendant kits include fixture bracket, stem and ceiling canopy; Take into account 3.1" bracket height, 2.9" fixture depth and 1.75" canopy height when calculating mounting height
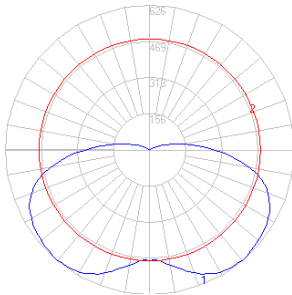
05/23/25          www.beghelliusa.com

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# LEDLUMINA BS400LED

## PHOTOMETRICS
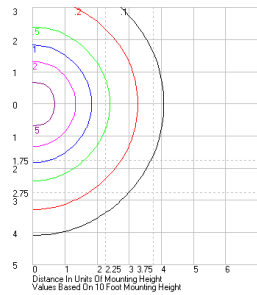
**BS400LEDHTLOWT40120-277V**
POLAR CURVES
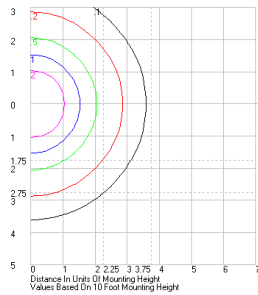
ISOLINES

Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height

**BS400LEDHTMOWT40120-277V**
POLAR CURVES

ISOLINES

Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height

**BS400LEDHTHOWT40120-277V**
POLAR CURVES

ISOLINES

Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height
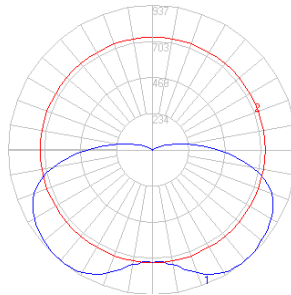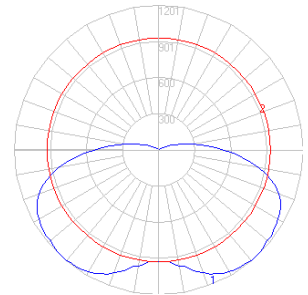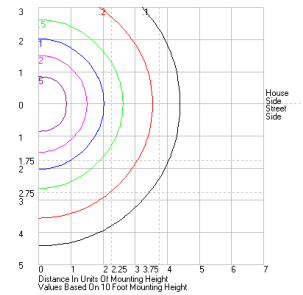
## ENERGY CHART

| MODEL | EFFICACY | CONSUMPTION WATTAGE | LUMEN OUTPUT* | CRI | L70 (HRS) REPORTED/ PROJECTED |
|---|---|---|---|---|---|
| BS400LED-HT-LO-WT30-120-277V | 119 LPW | 30W | 3571 LM | >80 | >60,000/ 100,000 |
| BS400LED-HT-LO-WT40-120-277V | 125 LPW | 30W | 3753 LM | >80 | >60,000/ 100,000 |
| BS400LED-HT-LO-WT50-120-277V | 126 LPW | 30W | 3779 LM | >80 | >60,000/ 100,000 |
| BS400LED-HT-MO-WT30-120-277V | 119 LPW | 45W | 5358 LM | >80 | >60,000/ 100,000 |
| BS400LED-HT-MO-WT40-120-277V | 125 LPW | 45W | 5632 LM | >80 | >60,000/ 100,000 |
| BS400LED-HT-MO-WT50-120-277V | 126 LPW | 45W | 5671 LM | >80 | >60,000/ 100,000 |
| BS400LED-HT-HO-WT30-120-277V | 115 LPW | 60W | 6900 LM | >80 | >60,000/ 100,000 |
| BS400LED-HT-HO-WT40-120-277V | 121 LPW | 60W | 7233 LM | >80 | >60,000/ 100,000 |
| BS400LED-HT-HO-WT50-120-277V | 121 LPW | 60W | 7282 LM | >80 | >60,000/ 100,000 |

* +/- 5%

## ELECTRICAL RATING
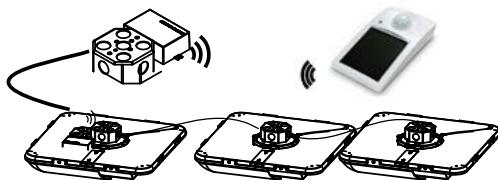
| PRODUCT | NOMINAL POWER (W) | AC CURRENT (A) AC VOLTAGE | | FREQUENCY (HZ) | DC VOLTAGE (V) | DC CURRENT (MA) |
|---|---|---|---|---|---|---|
| | | 120 V | 277 V | | | |
| BS400LED-HT-LO | 30 | 0.26 | 0.11 | 50/60 | 36 | 800 |
| BS400LED-HT-MO | 45 | 0.38 | 0.17 | 50/60 | 33 | 1200 |
| BS400LED-HT-HO | 60 | 0.51 | 0.22 | 50/60 | 34 | 1550 |

## DIMMER COMPATIBILITY

| DIMMER | COMPATABILITY | |
|---|---|---|
| | ON/OFF | DIMMING |
| LEVITON - AWRMG-7 | YES | YES |
| LUTRON - DIVA - DVSTV | YES | YES |

■ **WARRANTY:** 5 years, see website for full warranty details.

## BEGHELLI LIGHTING CONTROL SOLUTIONS

### DAISY CHAIN FIXTURES (RELAY)

**RLY\***
Wireless Relay
(Damp Location)

**EMDCB\***
Remote Sensor
(Damp Location)

**SW1\***
Single Switch
(Damp Location)

### INTEGRATED NODE (NOD)

**NOD\***
Node

**EMDCB\***
Remote Sensor
(Damp Location

**SW1\***
Single Switch
(Damp Location)

NODE

SW1[5] (single BT wireless switch)

### INTERNAL NODE & SENSOR (IS)

**IS (Beghelli standard)**
(Wet Location)

(ON LENS)

Internal occ sensor options:
**ISM1\*, FSP221, etc**.

**SW1\***
Single Switch
(Damp Location)

**DEFAULT SETTING:**

- 100% @ Occupied
- 50% After 30 minutes without occupation
- OFF after an additional 30 minutes without occupation

\* Magnum control options also available (RLYM1 relay, SW1M1 switch, NODM1 node and ISM1 sensor)
\*\* Beghelli offers wired and wireless control solutions. Beghelli fixtures are compatible with most control solutions available in the market. Consult factory for more details.

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