GUIDE 2022





Beghelli specializes in commercial, industrial lighting and life safety products. Beghelli designs, develops and manufactures state of the art innovative solutions.

Emergency & Exit

Beghelli's emergency line features exit signs and emergency luminaires for indoor, wet and hazardous applications. All Beghelli's emergency products have been designed to be innovative, code compliant solutions.



Beghelli's lighting line features industrial and commercial solutions that promote energy savings achieved through smart technology and design.



Beghelli's fiore line features lamps and led modules, specifically made for horticulture. These grow lights increase harvest volumes, increase the growing season and improve the nutraceutical properties of the plants.



SPECIAL FEATURE ICON GUIDE

Look for these icons as they apply to specific products.



Meets Buy America Act



Design Light Consortium Listed Product



Suitable for Hazardous Locations



Title 24 Listed



Sanitation Compliant



Title 20 Listed



Luce Products



Wildlife Lighting Certification



Emergency Products



Restriction of Hazardous Substances



IP65



Wet Location



IP66



Warranty

PRODUCT CERTIFICATIONS







Beghelli products are certified by CSA, UL and ETL laboratories.

RESOURCES



BAA

The Buy American Act (BAA) establishes a preference for the federal government, when purchasing supplies for use in the United States, to purchase products mined, produced, or manufactured in the United States.

www.madeinamerica.gov



DESIGNLIGHTS CONSORTIUM

DLC is a collaboration of utility companies and regional energy efficiency organizations committed to raising awareness of the benefits of efficient lighting in commercial buildings.

www.designlights.org



Title 24 is intended to reduce energy use in California with the latest standards. The use of advanced lighting controls to synchronize light levels with daylight, occupancy, and multi-level control demand response capability are required to be compliant. Title 24 continues to put California on the forefront of energy conservation.

www.energy.ca.gov



Title 20 is part of the Appliance Efficiency Regulation and California of Regulations that requires manufacturer certification of "self-contained" lighting control devices in California. "Self-contained" lighting control devices are defined as discrete lighting control devices that can perform their designed function without the requirement of being connected to additional devices.

www.energy.ca.gov



Florida Fish and Wildlife Conservation Commission

The Wildlife Lighting Certification Program is designed to educate the members of the public, the building industry, and government officials how artificial light impacts wildlife by using proper lighting methods and identifying appropriate lighting fixtures, shields, and lamps.

www.myfwc.com



Restriction of Hazardous Substances

RoHS stands for Restriction of Hazardous Substances and impacts the entire electronics industry and many electrical products as well. The original RoHS, also known as Directive 2002/95/EC, originated in the European Union in 2002 and restricts the use of ten hazardous materials found in electrical and electronic products. All applicable products in the EU market since July 1, 2002 must pass RoHS compliance.

www.rohsguide.com



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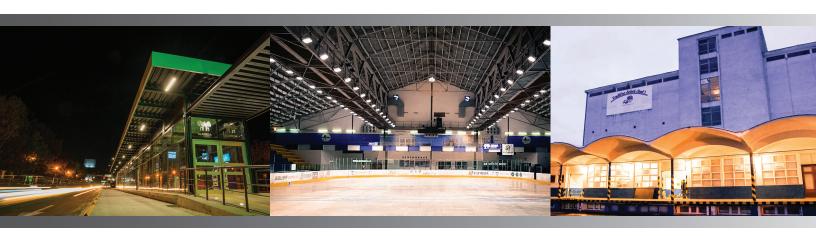


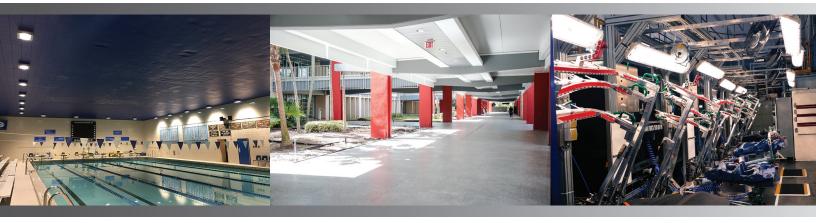
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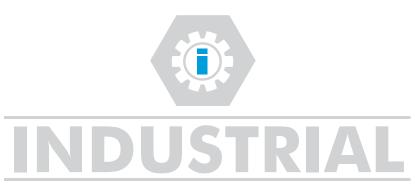
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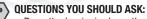
FOOD PROCESSING INDUSTRIAL





LIGHTING NEEDS:

- · NSF or equivalent certification is required
- Wash down environments are common
- Controls and sensors



- Does the luminaire have the required certifications for the environment?
- Will the luminaires be hosed down? If "yes" with what PSI?
- · Are any controls / sensors needed in this environment?



FOOD PROCESSING

Food processing facilities have a very specific set of demands. Due to the variety of spaces, different types of lighting solutions need to be applied accordingly. Cold storage, splash zones or warehouse spaces should be fitted with a product that meets their safety, durability, and lighting needs.

These areas may consist of:

- Smoke
- 0il
- Dust
- · Streaming water
- Pressured wash downs
- · Cleaning or chemical solutions
- Extreme temperatures



- · Die-cast aluminum housing
- 18,000 to 25,300 lm / 150W to 240W
- . Choice of distribution patterns
- . Multiple mounting configurations





- Extruded aluminum housing
- · 450 lm/ ft & 6W/ ft (various length options)
- Wide beam distribution
- . Multiple mounting configurations

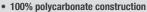






VANDAL RESISTANT / (2', 4')





- 3,900 to 11,500 lm / 30W to 70W
- L70 > 60,000 hrs
- . Multiple mounting configurations













VANDAL RESISTANT

- · Heavy duty die-cast aluminum construction
- Impact resistant polycarbonate cover
- Custom wording available
- Universal mounting









- Durable steel construction
- 3,500 to 7,200 lm / 30W to 50W
- L70 > 60,000 hrs
- 7 year warranty













- · Heavy duty die-cast construction
- · Protection against moisture & corrosion
- Impact resistant polycarbonate cover
- . Compact surface mount or ceiling mount design







REFRIGERATION | INDUSTR



LIGHTING NEEDS:

- · Cold temperature operation is required
- · On/off sensors often used
- · Wash down environments are common



QUESTIONS YOU SHOULD ASK:

- · What is the minimum operating temperature of the luminaire?
- Does the luminaire have the appropriate ratings for this environment?
- · Is emergency operation needed?



COLD / VANDAL RESISTANT

- . Heavy-duty, die-cast aluminum construction
- · Universal mounting
- 1/8 inch impact-resistant polycarbonate shield
- · Perforated chevrons allow for on-site selection





COLD / NEMA 4X

- · Die-cast aluminum construction
- 1,400 or 2,500 lm
- Impact resistant acrylic lens
- · Stainless steel swivel for precise aiming



MEZZO



COLD

- · Die-cast aluminum housing
- · Polycarbonate lens and prismatic refractor
- . Switched on and off by a photocell sensor
- · Cold location option













NEMA 4X / IP44 / NI-CD / FIBERGLASS

- · Internal heater option
- · Polycarbonate lens and fiberglass housing
- · Combo available
- · Custom wording available



BS101LED



- · Die-cast aluminum housing
- 18,000 to 32,000 lm / 150W to 240W
- . Choice of distribution patterns
- . Multiple mounting configurations

EDT













- **NEMA 4X**
- · Durable, fully gasketed, fiberglass cabinet
- · Die-cast aluminum heads
- -20°C to +40°C operation
- · Multi-voltage and lamp selection

ACCIAIO® BX920LED



NEMA 4X / VANDAL RESISTANT / (4') A SANITATION PAGE

- . Die-cast aluminum housing
- 18,000 to 32,000 lm / 150W to 240W
- . Choice of distribution patterns
- . Multiple mounting configurations

BRAVADO



NEMA 4X / VANDAL RESISTANT

- . Heavy duty die-cast construction
- . Up to 70 ft on center spacing
- · Designed for wall or ceiling installation
- -20°C with internal heater option







I PARKING DECKS



LIGHTING NEEDS:

- · Reducing maintenance time is important
- · Proper lighting when occupied is required
- · Wet location luminaires are ideal for parking decks

QUESTIONS YOU SHOULD ASK:

- · Will this area require hose down cleaning?
- · Should I use sensors in a parking deck?
- · What mounting options do I have that can optimize performance?

1 0 24 **1** © **BS400 LED** VANDAL RESISTANT • Wireless lighting control 0-10/DALI . 3,500 to 7,200 lm / 30W to 60W • L70 > 54,000 hrs . Multiple mounting configurations

BS400 LED PLUS



COLD / IK09

- . Heavy duty die-cast aluminum housing
- 10,110 to 13,077 lm / 80 to 100 W
- Frosted UV stabilized polycarbonate diffuser
- . Energy-saving, high bay solution



FTZ COMBO







VANDAL RESISTANT

- . Heavy duty die-cast construction
- · Wall, ceiling or end mounting
- Impact resistant polycarbonate cover
- · Enclosed & protected heads



BS100LED-PG







- 100% UV stabilized polycarbonate housing
- 3,400 to 9,800 lm / 30W to 70W
- · Integrated emergency available
- . Multiple mounting configurations

PACO AQUA EXIT







Universal mounting

Remote capable emergency exit



PLURALUCE® WP







- · 3 field selectable optics
- . Durable aluminum construction
- . Up to 60 ft on center spacing
- . AC only, EM only or AC & EM









WAREHOUSE | INDUSTRIA



LIGHTING NEEDS:

- · Occupancy sensors to lower energy costs
- · Long lamp life to reduce maintenance



QUESTIONS YOU SHOULD ASK:

- · What is the rated lamp life?
- Are sensors available and easily adjusted?
- · Are multiple distribution patterns available?

VALORE



INDOOR / DAMP / (2', 4')

- Onsite CCT adjustable 3000K, 4000K & 5000K
- 12,500 to 45,700 lm / 100W to 325W
- . Wireless lighting control, 0-10V dimming
- · For open ceiling environments









NEMA 4X / IK09 / OUTDOOR HARSH AREAS / (2')

- Emergency 1700 Im
- 24 gauge steel housing
- · 4 mm polycarbonate diffuser
- 180-degree adjustable mount



BOXLED® 736



VANDAL RESISTANT

- Durable die-cast contrustion
- 15,000 to 26,000 lm / 150W to 230W
- . Wireless lighting control 0-10V dimming / DALI
- . Multiple mounting configurations

FORMA (FME)



INDOOR / DAMP

- · Durable die-cast construction
- · Universal mounting
- · Low profile design
- · Custom wording available



NUVOLA



UFO / HIGH BAY

- Durable die-cast aluminum construction
- . 10,100 to 37,800 lm / 90W to 300W
- L70 > 60,000 hrs
- . Multiple mounting configurations

FORTEZZA BU





INDOOR / VANDAL RESISTANT

- . Heavy duty die-cast aluminum housing
- · Impact resistant polycarbonate cover
- · Tamper resistant screws for unit integrity
- Universal mounting

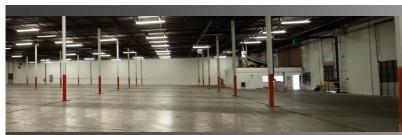


STRIPLED



- 3500K, 4000K & 5000K options
- 3,300 to 9,200 lm / 24W to 68W
- . Wireless lighting control, 0-10V dimming
- . Multiple mounting configurations







HAZARDOUS AREAS





(LIGHTING NEEDS:

- · Know the exact type of environment the products are going into
- Special classifications may be required
- · Expect longer delivery times for hazardous rated products



QUESTIONS YOU SHOULD ASK:

- Does the product have the correct certifications for this application?
- What is the products warranty?
- · Is the product maintenance friendly?



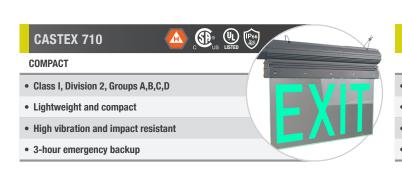


















COMMERCIAL



COMMERCIAL | RETAIL





LIGHTING NEEDS:

- . Know what light levels you need
- Understand the hours of operations required
- · Aesthetics play a major role in the lighting design



QUESTIONS YOU SHOULD ASK:

- · Does my luminaire meet the light level requirements?
- Is maintenance ease an important factor?
- · Does this application require a specific CRI?

PLANEX® ECO

INDOOR / DAMP / IP44 / TYPE IC / (1'x4')(2'x2')(2'x4')

- Wireless lighting control 0-10V dimming / DALI
- 3,800 to 6,400 lm / 30W to 50W
- L70 > 54,000 hrs
- . Multiple mounting configurations

VALORE



- Onsite CCT adjustable 3000K, 4000K & 5000K
- 12,500 to 45,700 lm / 100W to 325W
- · Wireless lighting control, 0-10V dimming
- · For open ceiling environments

STRIPLED

INDOOR / DAMP / IP44 / (4', 8')

- 3500K, 4000K & 5000K options
- . 3,300 to 9,200 lm / 24W to 68W
- . Wireless lighting control, 0-10V dimming
- . Multiple mounting configurations

BOXLED® MINI







DAMP / NEMA 4X / IK09 / HARSH ENVIRONMENTS

- Durable die-cast construction
- 2,100 to 4,400 lm / 20W to 40W
- · Compact design
- · Field changeable symmetric & asymmetric distribution

GRAN BELLA® LED









- Traditional design
- 12,900 to 19,100 lm / 105W to 155W
- L70 > 36,000 hrs
- . Custom housing and refractor colors

DRACO® BS730LED



INDOOR LOWBAY / (12", 16")

- Two piece design for easy installation
- 3500K, 4100K & 5700K & RGB (DMX protocol)
- Custom colors
- Four distribution patterns



DRACO® BS720LED



INDOOR LOWBAY / (12", 16")

- · Four piece design for easy installation
- 3500K, 4100K & 5700K & RGB (DMX protocol)
- Custom colors
- . Four distribution patterns







CYCLONE® OVAL



INDOOR / DAMP

- Compact extruded aluminum housing
- · Pivot system allows wall or ceiling mount
- Field installable chevrons
- · Custom housing colors

CURVA

INDOOR / DAMP





- Surface or recess mount available
- Multiple snap-in panel configurations



BRUNO

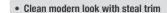


INDOOR / DAMP

- Die-cast aluminum construction
- Truly universal edge-lit design
- Surface, recessed, wall, ceiling & T-bar mount
- · Custom wording available

PLURALUCE® RECESSED SQUARE





- Up to 55 ft spacing on center
- Supplied with 3 lenses
- Custom colors



PACO-T20



INDOOR / DAMP

- Fully adjustable 1.7W LED heads
- Remote capable 2.3W
- · Surface, wall or ceiling installation
- · White or black finish offered

PLURALUCE® INDOOR





- Solid aluminum housing
- 782 to 845 lm
- . Up to 60 ft spacing on center
- 3 field selectable optics







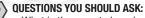
OMMERCIAL | HOSPITALITY





LIGHTING NEEDS:

- · Proper light levels are important in specific areas
- · Energy savings and product life
- · Ease of maintenance is important



- · What is the expected product life?
- · How does the product mount / install?
- · What energy savings features are offered?

⊕ ₹4 **® GRAN BELLA® LED** INDOOR MID BAY / (22")

- Traditional design
- 12,900 to 19,100 lm / 105W to 155W
- L70 > 36,000 hrs
- · Custom housing and refractor colors



SCALA



VANDAL RESISTANT / (2') SANITATION (PS)



- DLC approved for stairwells
- 3,900 to 7,700 lm / 30W to 50W
- · Integrated emergency available
- · Bi-level dimming, occupancy sensor



TURTLE LED



- VANDAL RESISTANT / (2', 4') · Polycarbonate construction
- . FWC approved, amber LED 590 nm
- · Ideal for all coastal areas
- . Multiple mounting configurations







- . Die-cast aluminum housing
- 15,000 to 26,00 lm / 150W to 230W
- L70 > 60,000 hrs
- . Multiple mounting configurations



VALORE

INDOOR / DAMP / (2', 4')

- . Onsite CCT adjustable 3000K, 4000K & 5000K
- 12,500 to 45,700 lm / 100 to 325W
- . Wireless lighting control, 0-10V dimming
- · For open ceiling environments

PLANEX® ECO



INDOOR / DAMP / IP44 / TYPE IC / (1'x4')(2'x2')(2'x4')

- Wireless lighting control 0-10V dimming / DALI
- 3,800 to 6,400 lm / 30W to 50W
- L70 > 54,000 hrs
- . Multiple mounting configurations







HOSPITALITY | COMMERCIA

HOSPITALITY NEEDS

- · Visually appealing
- Easy installation
- · Low maintenance
- Longevity
- Mounting Options





OL2 + Plus



INDOOR

- · Architectural die-cast trimplate
- · Universal design for surface or recess mount
- . Multiple panel configurations
- · Custom wording available



CURVA

INDOOR / DAMP

- Economic architectural solution
- . Pivot design for ceiling, wall or slope mounting
- · Surface or recess mount available
- . Multiple snap-in panel configurations





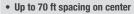
TEMPESTA™ LED











• Up to 1,300 lm in emergency mode

· 90 min emergency duration

• Multiple mounting configurations







. Surface or recessed mount

· 40 ft spacing on center

Remote capable







COMMERCIAL | EDUCATION







LIGHTING NEEDS:

- · Durability is critical in school environments
- Light level requirements must be reached
- · Ease of maintenance is very important



QUESTIONS YOU SHOULD ASK:

- · Is the product vandal resistant?
- How does the product mount / install?
- · What energy savings features are offered?

PLANEX® ECO

INDOOR / DAMP / IP44 / TYPE IC / (1'x4')(2'x2')(2'x4')

- Wireless lighting control 0-10V dimming / DALI
- 3,800 to 6,400 lm / 30W up to 50W
- L70 > 54,000 hrs
- . Multiple mounting configurations





VANDAL RESISTANT

- · Durable die-cast contrustion
- 15,000 to 26,000 lm / 150W to 230W
- Wireless lighting control 0-10V dimming / DALI
- . Multiple mounting configurations



STRIPLED

INDOOR / DAMP / IP44 / (4', 8')

- 3500K, 4000K & 5000K options
- . 3,300 to 9,200 lm / 24W to 68W
- . Wireless lighting control, 0-10V dimming
- . Multiple mounting configurations

NUVOLA



UFO / HIGH BAY

- Durable die-cast construction
- 10,100 to 37,800 lm / 90W to 300W
- L70 > 60,000 hrs
- . Multiple mounting configurations







VANDAL RESISTANT / (2', 4')

- 100% polycarbonate construction
- 3,900 to 11,500 lm / 30W to 70W
- L70 > 60,000 hrs
- Multiple mounting configurations

ACCIAIO® BX910-LED



NEMA 4X / ROBUST / (2', 4')

- Durable steel construction
- 2,600 to 8,800 lm / 20W to 60W
- L70 > 100,000 hrs
- . Multiple mounting options







EDUCATION | COMMERCIAI

















- · Heavy duty die-cast construction
- · Impact resistant polycarbonate cover
- · Custom wording available
- · Universal mounting





ACCIAIO® BX9102SE













- Emergency 1700 Im
- · 24 gauge steel housing
- · 4 mm polycarbonate diffuser
- . 180-degree adjustable mount



FTZ COMBO



· Heavy duty die-cast construction

· Impact resistant polycarbonate cover

· Wall, ceiling or end mounting

. Enclosed & protected heads



















TEMPESTA™ LED ECO











- 925 lm & 22W
- . 90 min emergency duration
- . Multiple mounting configurations



EVR









- Durable 16 gauge steel construction
- Polycarbonate face
- · Custom wording available
- · Full length canopy



ECCO LUNA LED

VANDAL RESISTANT



- · Fully enclosed heads ensure correct position
- · Surface wall or ceiling mount
- · Custom housing color available





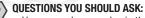
COMMERCIAL | OFFICES





LIGHTING NEEDS:

- You must know occupancy time of day and duration
- Understand the lighting code requirements
- · Energy savings in office environments is critical



- · How many hours a day is the office occupied?
- · Are there areas that are often unused or used only when scheduled?
- · Who handles the maintenance in the office?

PLANEX® ECO

INDOOR / DAMP / IP44 / TYPE IC / (1'x4')(2'x2')(2'x4')

- Wireless lighting control 0-10/DALI
- 3,800 to 6,400 lm / 30W to 50W
- L70 > 54,000 hrs
- . Multiple mounting configurations

PLURALUCE® RECESSED



INDOOR / DAMP

- · Steel trim in optional colors
- 826 to 845 lm
- . Up to 55 ft spacing on center
- · 3 field selectable options



STRIPLED

INDOOR / DAMP / IP44 / (4', 8')

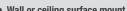
- 3500K, 4000K & 5000K options
- 3,300 to 9,200 lm / 24W to 68W
- . Wireless lighting control, 0-10V dimming
- . Multiple mounting configurations

PACO PEH-1

INDOOR / DAMP

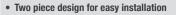
- · Compact, thermoplastic design
- . Fully adjustable 1.5W LED heads
- · Wall or ceiling surface mount
- · White or black finished offered





DRACO® S730LED

INDOOR LOWBAY / (12", 16")



• 3500K, 4100K & 5700K & RGB (DMX protocol)

· Custom colors

Four distribution patterns

BBX





- Up to 125 ft spacing on center
- · Remote capable
- Maintenance-free LiFeP04 battery
- · Wall, pendant, i-beam and pole mount











EXTERIOR



EXTERIOR | PATHWAY SIGNAGE SITE AREA





LIGHTING NEEDS:

- · You must know the environment where the product is being installed
- · Easy maintenance of exterior luminaires is important
- · Know the hours of operation that the luminaires will be running



QUESTIONS YOU SHOULD ASK:

- What is the environment like that the luminaires will be installed in?
- · Is the luminaire easily accessible?
- Can people come in direct contact with the luminaire?



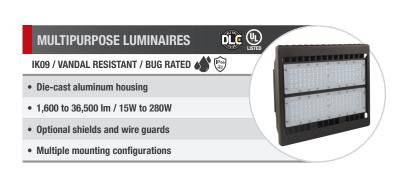














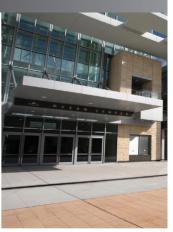


KEY JOBS | COMMERCIAL

OCEAN CENTER: DAYTONA BEACH, FL

Product:

• Gira Sole





GOOGLE: SAN FRANCISCO, CA

Products:

- Gran Bella
- BS100

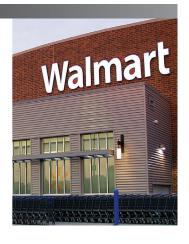




WALMART PROJECT

Products:

- Draco®
- Spyder®
- BS100LED





LIBBY MILNER ROLAND MUNICIPAL PIER

Product:

• Luce Solare





Disclaimer

Beghelli USA is constantly developing and improving the product range and performance. All descriptions, illustrations, drawings and specifications are up to date. Beghelli reserves the right to change specifications without prior notification or public announcement.

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GUIDE 2022

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