

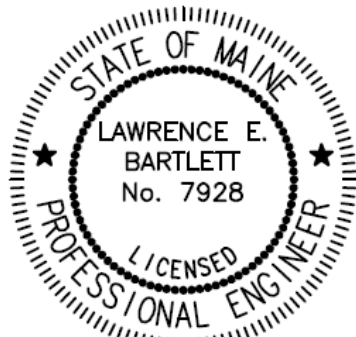
LUMINATO CONDOMINIUMS
169 NEWBURY STREET, PORTLAND, MAINE

PROPOSED LIGHTING FIXTURES

March 24, 2016

Bartlett Design
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The proposed building lighting includes only small, residential-scale LED luminaires with limited light output. Luminaires include wall mounted fixtures as well as recessed downlights at canopies. Lighting levels in excess of 0.2 footcandles at grade only occur within 15 feet of the building in all areas except at the entrance to the garage which will have 0.3 footcandles at 15 feet from the building.



Lawrence E. Bartlett

LED wall luminaires with directed light

Housing: One piece die-cast aluminum for direct attachment to 3 1/2" or 4" octagonal wiring box. Die castings are marine grade, copper free ($\leq 0.3\%$ copper content) A360.0 aluminum alloy.

Enclosure: One piece die-cast aluminum cover frame secured by two (2) captive, stainless steel set screws threaded into stainless steel inserts. Matte safety glass. Fully gasketed for weather tight operation using a molded 'U' channel silicone rubber gasket.

Electrical: 6.6W LED luminaire, 9 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order. Optionally available with 2700K color temperature, consult factory.

Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order

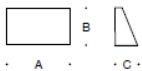
CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP64

Weight: 1.5 lbs.

Luminaire Lumens: 291

Tested in accordance with LM-79-08

LUMINATO CONDOMINIUMS LIGHTING FIXTURE **TYPE S1**



	Lamp	A	B	C
2261LED	ADA 6.6W LED	6 $\frac{1}{8}$ "	3 $\frac{3}{4}$ "	2 $\frac{3}{8}$ "

Recessed ceiling downlights with symmetrical light distribution · narrow beam

LUMINATO CONDOMINIUMS
LIGHTING FIXTURE **TYPE S2**

Housing: Constructed of die-cast and extruded aluminum. Housing is provided with mounting clamps that provide a vibration proof installation. Rough-in housing constructed of galvanized steel with through wiring box. Rough-in housing included. Die castings are marine grade, copper free ($\leq 0.3\%$ copper content) A360.0 aluminum alloy.

Enclosure: Tempered clear glass, retained by a one piece, die-cast aluminum step baffle frame that is treaded into luminaire housing. Internal reflector made from pure, anodized aluminum. Fully gasketed for weather tight operation using a molded silicone rubber gasket.

Electrical: 6.5W LED luminaire, 9 total system watts, -30°C start temperature. EldoLED 0-10V dimmable driver mounted to the junction box of the ceiling pan for easy maintenance. The LED driver provides smooth and flicker free dimming down to 0.1% and is compatible with both sink and current source controllers. Optional Dali dimmable driver available, consult factory for details. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order..

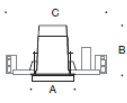
Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

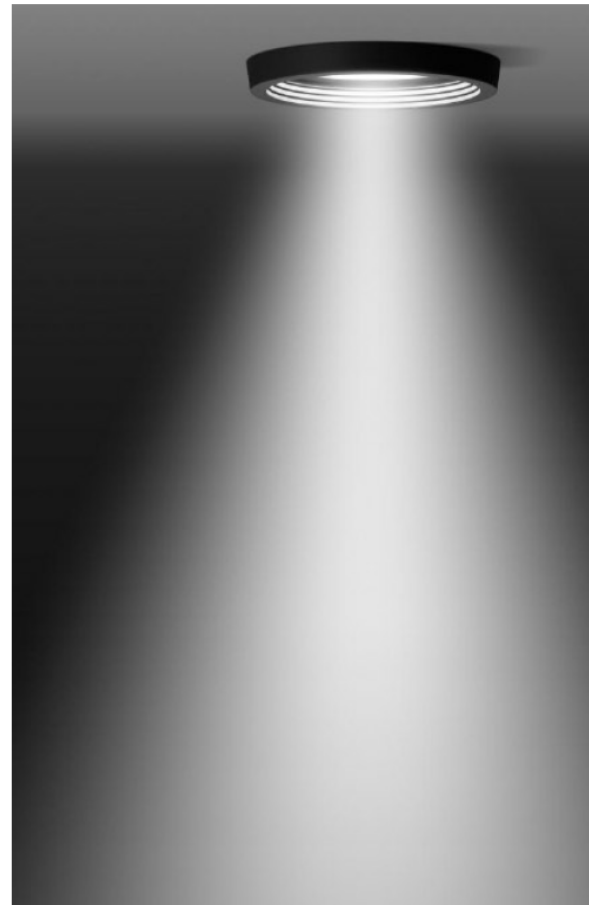
CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP65

Weight: 1.6 lbs.

Luminaire Lumens: 127
Tested in accordance with LM-79-08



Lamp	β	A	B	C
6604 LED 6.5W LED	26°	4 3/4	7 1/4	18



Wall luminaires with double-sided light output

Housing: Extruded and die cast aluminum. Mounts directly to a BEGA 537 box (provided). Die castings are marine grade, copper free ($\leq 0.3\%$ copper content) A360.0 aluminum alloy.

Enclosure: Tempered clear glass, the bottom and top diffuser are flush to the die casting to prevent water accumulation. Fully gasketed for weather tight operation using a 'U' channel molded silicone rubber gasket.

Electrical: 26W LED luminaire, 28.2 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order.

Notes: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

CSA certified to U.S. and Canadian standards for wet locations.
Protection class IP65

Weight: 7.5 lbs

Luminaire Lumens: 910
Tested in accordance with LM-79-08


Mounting options:

547 Surface-mount wiring box



These luminaires mount over a custom BEGA recessed box. This box can be shipped ahead of the luminaire.

Narrow beam in both directions

	Lamp	β	A	B	C	D	Wiring box*
	6516LED.537* 26W LED	14°	4 $\frac{3}{4}$	19 $\frac{5}{8}$	6 $\frac{3}{8}$	1 $\frac{1}{8}$	537

β = Beam angle *Small opening wiring box included.

LUMINATO CONDOMINIUMS
LIGHTING FIXTURE **TYPE S3**



Wall luminaires with cutoff optics

Housing: Constructed of copper free die-cast aluminum alloy. The housing uses stainless steel inserts for enclosure attachment. Mounts over a standard 3½" or 4" octagonal wiring box. Die castings are marine grade, copper free ($\leq 0.3\%$ copper content) A360.0 aluminum alloy.

Enclosure: Tempered, matte glass lens. One piece die-cast, copper free, louvered, aluminum face plate secured to the housing with four captive socket head, stainless steel screws. Semi specular, anodized aluminum internal reflector. Fully gasketed for water tight operation using a silicone rubber gasket.

Electrical: 10.5W LED luminaire, 12.5W total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order.

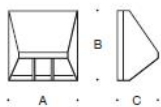
Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order

CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP65

Weight: 2.2 lbs.

Luminaire Lumens: 657



	Lamp	A	B	C
22292 LED ADA	10.5W LED	6¼	6¼	3¾

LUMINATO CONDOMINIUMS LIGHTING FIXTURE **TYPE S4**

