8. CONFORMITY WITH APPLICABLE DESIGN STANDARDS

The following statement is made in accordance with the City of Portland Code of Ordinances, Chapter 14 Land Use, Article V Section 14-526.

8.1 OVERVIEW

This project conforms with all the applicable design standards of Section 14-526 as demonstrated in the following narrative.

(a) Transportation Standards

1. Impact on Surrounding Street Systems:

   The proposed project is a re-development of an existing site that was used for retail and car care service. Based on the projected traffic volumes from the proposed uses at the site, the project is not expected to have any significant impact on traffic in the neighborhood. The proposal includes the construction of new sidewalk along the street frontage thus improving current conditions and providing connectivity to the sidewalk system to both sides of the property. A connection to the Bayside trail at the rear of the property will also be provided.

2. Access and Circulation:

   a. Site Access and Circulation.

      (i) Access to the site is provided via uncontrolled curb openings along Marginal Way. The current proposal calls for closing much of the open entrance along the street and creating two defined driveway openings for two-way access at each side of the site. Based on the primary parking field layout towards the rear of the site, this circulation pattern seems reasonable.

      (ii) There are no new vehicular access and egress points being constructed as part of this project.

      (iii) The site does not feature drive up services as mentioned in this requirement.

      (iv) Site access has been designed so as not to impede potential future connection to adjacent streets.

   b. Loading and Servicing.

      (i) Adequate provisions are made at the site for periodic loading from panel trucks to service the medical office and retail uses. The site provides clear area in front of the solid waste enclosures for servicing and loading vehicles.

c. Sidewalks.

(i) The project will provide a new eight-foot wide brick sidewalk along Marginal Way to connect to the existing walkway on the street. Curb ramps will be provided at driveway crossings. Interior concrete sidewalks are planned to connect to the retail spaces and the office use.

3. Public Transit Access:

a. The project does not comprise a residential development or a commercial development with greater than 20,000 SF of GFA and therefore is not required to meet this standards.

4. Parking:

a. Location and Required Number of Vehicle Parking Spaces:

(i) Off-street parking is provided on the site to accommodate the proposed uses. A parking analysis has been performed for the site and indicates that a minimum of eighty one (81) spaces will be required to serve the proposed uses. The city ordinance has been used as a basis for the parking requirement for the retail uses at the site, and parking demand for the proposed medical office use has been based on our recommended criteria of 5 spaces per 1,000 SF of GLA. This is considered appropriate for a medical office use of the type proposed.

(ii) Several Traffic Demand Management strategies have been incorporated into the design of the site and adjacent improvements. These include provision of improved pedestrian facilities in and around the site, and the provision of bicycle parking. These are intended to encourage the use of sustainable means of transportation. However, it must be recognized, particularly with the proposed uses at the site that are heavily reliant on bypass traffic, the predominant form of transportation in the area is currently private car. This may change in the future, if further development adds residential density to nearby areas and pedestrian and public transportation traffic increases significantly. The future construction of nearby structured parking at midtown may also contribute to a reduction in vehicular use of this site. However, at present pedestrian traffic, and alternative centralized parking options in the area are limited. The site must therefore be designed to accommodate sufficient surface parking to serve the need.

(iii) See above.

(iv) The parking spaces and aisles meet the applicable dimensions detailed in the Technical Manual.

(v) All parking lots will be paved.

b. Location and Required Number of Bicycle Parking Spaces:

(i) The project provides six bicycle racks, each with a capacity for two bicycles, providing a total of twelve bicycle parking spaces.

c. Motorcycles and Scooter Parking:

(i) Two spaces are provided for motorcycle or scooter parking.

d. Snow Storage:

(i) Snow storage management will employ two strategies:

a. Limited snow storage along the eastern perimeter of the parking areas (this will suffice for small storm events and temporary storage only).
b. Snow removal and off-site disposal.

5. Transportation Demand Management (TDM):

a. A Transportation Demand Management (TDM) Study is not required for the project.

(b) Environmental Quality Standards

1. Preservation of Significant Natural Features:

a. The site is previously developed, nearly 100% impervious, and contains no significant natural features.

2. Landscaping and Landscaping Preservation:

a. Landscape Preservation.

(i) There are no existing landscape features or elements at the site. A substantial amount of new landscaping will be provided to the site.

b. Site Landscaping.

(i) Landscaped Buffers:

(a) The solid waste storage and loading area will be screened from public view by wood or vinyl fencing all around the enclosure and perimeter landscaping on.

(b) The project provides understory plantings and trees along the street frontages adjacent to the site.

(c) Not applicable.

(d) Not applicable.

(ii) Parking Lot Landscaping:

a) Trees and shrubs are provided throughout the site at the perimeters of the parking area and in the internal islands.

b) Landscaped islands are provided such that there is no interrupted pavement exceeding forty parking spaces.

c) There is no central landscaped island.

d) Not applicable.

(iii) Street Trees:

(a) The landscape plan includes five (5) street trees along the Marginal Way frontage.

3. Water Quality, Stormwater Management and Erosion Control:

a. The project proposes the re-development of the existing NAPA/AAA car care service center site. The property is currently nearly 100% impervious. Re-development of the site will reduce the impervious cover by more than ten percent, and provide pervious landscaped surfaces that will reduce both the peak rate of runoff and the volume of runoff from the site under all storm conditions. The provision of landscaped green space will also enhance the quality of surface runoff from the site under all conditions.

(i) There is currently no evidence of off-site runoff draining onto or across the lot. The re-development will have no impact.

(ii) See above. There will be no increase in the rate or volume of runoff from the site.

(iii) See above.

(iv) See above.

b. The project is a re-development of an existing wholly impervious site, and as such is not required to meet the General Standards under Chapter 500, Stormwater Law (City of Portland Technical Manual, Section 5 - Portland Stormwater Management and Maine DEP Ch. 500, 3 (e)). The Basic Standards will apply to this project and a detailed Soil Erosion and Sediment Control Pan has been developed to address this.

c. Not applicable.

d. Not applicable.

e. Construction at the site will be required to follow local, state and federal regulations and will be undertaken under the supervision of a suitably qualified environmental professional. Post-construction activities at the site do not pose a risk of groundwater contamination.

f. The project will be connected to the public sanitary sewer system which is adequately sized for the anticipated project flows.

(c) Public Infrastructure and Community Safety Standards.

1. Consistency with City Master Plans:

   a. The project has been designed to be consistent with the City's Zoning Ordinance and off-site infrastructure plans.

   b. Not applicable.

2. Public Safety and Fire Prevention:

   a. The site has been designed to promote a safe and welcoming office and retail environment.

   b. The site provides access from Marginal Way for emergency vehicles.

   c. Fire hydrants are located adjacent to the property on Marginal Way. The building will be fully sprinklered.

3. Availability and Adequate Capacity of Public Utilities:

   a. The applicant will secure letters from all applicable utilities stating their ability to serve the site. The project will require new or updated electrical, gas, sewer and water services to the site.

   b. All new electrical services to the site will be underground.

   c. All new utility infrastructures will meet the provisions of the Technical Manual.

   d. The project will utilize an existing service connection to the public sewer system in Marginal Way.

   e. All new sewer and stormwater infrastructure will meet City standards.

   f. A solid waste collection and storage area will be provided with adequate capacity for the needs of the development. The owner will contract with a waste removal vendor as part of the onsite management of waste collection and recycling.

(d) Site Design Standards.

1. Massing, Ventilation and Wind Impact:

    a. The project proposes re-use of part of an existing building and an addition/renovation to this building. The project will not result in any significant changes to the wind environment proximate to the site.

    b. The project will not result in any significant impacts to abutting properties.

    c. HVAC venting, if necessary, will be directed through rooftop units and will not impact any adjacent public spaces.

2. Shadows:

    a. The project is in the B-7 Zone. This standard is not applicable.

3. Snow and Ice Loading:

    a. The building renovations will be designed in such a way that accumulated snow does not impact adjacent properties or public ways.

4. View Corridors:

    a. The project entails re-development of and an addition to an existing building at the site. There will be no significant changes to view corridors offered to adjacent properties.

5. Historic Resources:

    a. The project is not located in a historic district, historic landscape district, or City designated landmark.

    b. The project is not located adjacent to, or within 100 ft. of, a historic district, historic landscape district, or City designated landmark.

    c. There are no historical or archaeological resources on the project site.

6. Exterior Lighting:

    a. Site Lighting

        (i) All new exterior lighting at the site will be full cutoff with no light emitted above the horizontal plane, and in accordance with Section 12 of the Technical Manual. A photometric lighting plan has been developed demonstrating illumination levels throughout the site.

7. Noise and Vibration:

    a. Project noise levels will be designed to meet the permitted standards within the zone. HVAC units will be located on the roofs of the buildings. Equipment cut sheets have been provided in the application package. An Emergency generator will be provided at the rear of the ConvenientMD space. The location of the generator will be greater than 50' from any property line. Specifications and noise information for the generator have been requested from the tenant and this information will be provided to the city upon receipt.

8. Signage and Wayfinding:

    a. All street and wayfinding signage shall meet the requirements of the Manual on Uniform Traffic Devices (MUTCD) and Division 22 of the City Code.

        (i) The project is not located in a historic district or subject to Article IX.

        (ii) Proposed commercial signage has not yet been designed for the site and will be subject to a condition of approval. The ConvenientMD signage is a critical component of the building and it has been represented on the accompanying site renderings by CWS Architects.

        (iii) All street and wayfinding signage is designed to meet the requirements of the Manual on Uniform Traffic Devices (MUTCD) and Division 22 of the City Code.

9. Zoning Related Design Standards:

    a. The project is designed to provide a welcoming small scale retail and office plaza that encourages pedestrian and bicycle traffic and presents an attractive, pedestrian scale aesthetic, as envisioned in the B-7 Design Standards.

8.2 ATTACHMENT

Attachment H – Lighting Cut Sheets

ATTACHMENT H

Lighting Cut Sheets

KIM LIGHTING

EKG401

Shoebox Luminaire, PicoPrism™ LED

revision 9/19/14 • kl_ekg401pled_spec.pdf

Type:
Job:
Catalog number:

Approvals:

/ **EKG401** / / / /

Mtg. Fixture Electrical Module Finish Options See page 4-5 Pole

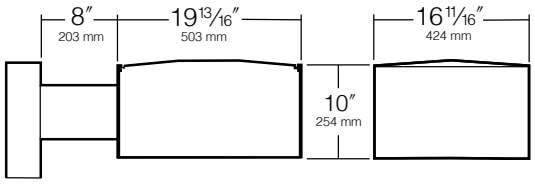
See page 2

Select pole from Kim Arms and Poles Selection Guide. If pole is provided by others indicate O.D. for arm fitting.

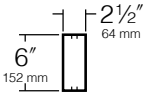
Date:
Page: 1 of 5

Specifications

EKG401-LED
80 Light Emitting Diodes
94 System Watts for 350mA
185 System Watts for 700mA
Maximum Weight is 50 lbs.



side view **front view**



arm section

Housing: Fabricated from a one-piece extruded aluminum side panel with mitered corners that are internally welded and sealed for weathertightness. A press-formed aluminum top cover interlocks with housing, and has a continuous seal of silicone rubber resistant to weathering, moisture, UV and ozone. Top is peaked for increased strength and efficient water runoff.

Electronic Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Module includes a driver, thermal control device and surge protector. Electrical module attaches to housing with no-tool hinges and latches, accessible by opening the frame only. Driver is rated for -40°F starting and has a 0-10V dimming interface for multi-level illumination options.

Optical Module: Precision, IP66 replaceable PicoPrism™ modules are positioned to achieve directional control toward desired task. The entire light engine fastens to the housing as a one-piece module

Dimming: Driver has a 0-10V dimming interface with a dimming range of 10-100%. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers.

Support Arm: One piece rectangular extruded aluminum with internal centering guides. Luminaire-to-pole attachment is by internal mechanical draw bolts, and includes a pole reinforcing plate with wire strain relief.

Finish: Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat finish. Standard colors include (BL) Black, (DB) Dark Bronze, (WH) White, (PS) Platinum Silver, (SG) Stealth Gray, (LG) Light Gray, and (CC) Custom Color (Include RAL#).

Optional Anodized Finish: Dark Bronze Architectural Class 1 Anodize over satin polish.

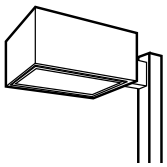
Listed to: UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CSA C22.2#250.0 Luminaires. RoHS compliant. Meets Buy American provisions within ARRA.

Warranty: Kim Lighting warrants EKG LED products ("Product(s)") sold by Kim Lighting to be free from defects in material and workmanship for (i) a period of five (5) years for metal parts, (ii) a period of ten (10) years for exterior housing paint finish(s), (iii) a period of six (6) years for LED Light Engines (PicoPrisms™ and, (iv) a period of five (5) years for LED power components (LED Driver, LifeShield® device), from the date of sale of such goods to the buyer as specified in Kim Lighting shipment documents for each product. Occupancy sensors, Surge Protector, dimmers and relay wiring components are covered by the manufacturer's warranty.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes, Failure to do so may result in serious personal injury.

HUBBELL
HUBBELL LIGHTING, INC.

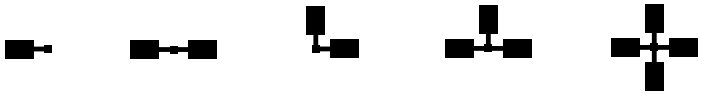
KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



Standard Features

Mounting

Plan View:



Wall Mount

EPA:	2.1	4.2	3.5	4.5	5.0	n/a
Cat. No.:	☐ **1A**	☐ **2B**	☐ **2L**	☐ **3T**	☐ **4C**	☐ **1W**

Fixture

Cat. No. designates fixture and optic

EKG401 – x – P – xx

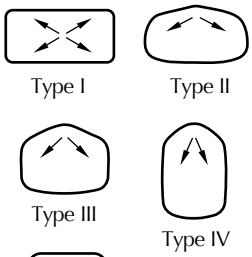
Housing Size:
EKG401

Distribution:
- ☐ 1 = Type I
- ☐ 2 = Type II
- ☐ 3 = Type III
- ☐ 4 = Type IV Forward Throw
- ☐ 5 = Type V
- ☐ L = Type L Left
- ☐ R = Type R Right

Optic:
P = PicoPrism™

Current:
35 = 350 mA
70 = 700 mA

Light Distribution:



Electrical Module

Cat. Nos. for Electrical Modules available:

80L – xK – xxx

Source:
80L = 80 LED's

Color Temperature:
- ☐ 2K = 580nm - Amber
- ☐ 3K = 3000K
- ☐ 4K = 4200K
- ☐ 5K = 5100K

Voltage:
- ☐ 120 = 120V[1]
- ☐ 208 = 208V[1]
- ☐ 240 = 240V[1]
- ☐ 277 = 277V[1]
- ☐ 347 = 347V
- ☐ 480 = 480V

[1]120V through 277V is a variable driver.

Finish

TGIC powder coat paint over titanated zirconium conversion coating.

Optional Architectural Class 1 anodized finish is available at extra cost.

Standard Finishes:

Color:	Black	Dark Bronze	Stealth Gray™	Platinum Silver	White	Custom Color[1]
Cat. No.:	☐ **BL**	☐ **DB**	☐ **SG**	☐ **PS**	☐ **WH**	☐ **CC**

[1]Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____

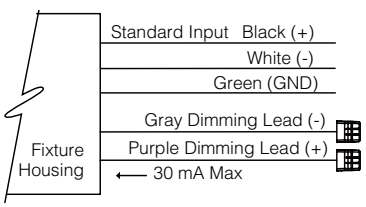
Optional Anodized Finish: (Available at extra cost.)

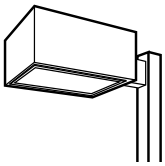
Color: Dark Bronze Anodize

Cat. No.: ☐ **DB-A**

0-10V Dimming Interface

Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation wiHUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead.





Lumen Data

Spectroradiometric			
	3000K Average	4200K Average	5100K Average
Correlated Color Temp. CCT (K)	2800K - 3175K	3800K - 4600K	4600K - 5600K
Color Rendering Index (CRI)	≥75	≥70	≥65
Power Factor	>.90	>.90	>.90

Projected Lumen Maintenance		
mA	50,000 hrs	100,000 hrs
350 mA	N/A	N/A
700 mA	95.74%	92.68%

Electrical Drive Current					
350mA			700mA		
Volts - AC	Amps - AC	System Watts	Volts - AC	Amps - AC	System Watts
120	0.78	94	120	1.54	185
208	0.45	94	208	0.89	185
240	0.39	94	240	0.77	185
277	0.34	94	277	0.67	185
347	0.27	94	347	0.53	185
480	0.20	94	480	0.39	185

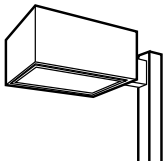
B.U.G. Rating for 350mA (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	B3 U0 G3	B3 U0 G3	B2 U0 G2	B0 U0 G2	B0 U0 G2	B0 U0 G2	B3 U0 G2	B3 U0 G3
4200K	B3 U0 G3	B3 U0 G3	B2 U0 G3	B0 U0 G2	B1 U0 G3	B0 U0 G2	B3 U0 G2	B3 U0 G3
5100K	B3 U0 G3	B3 U0 G3	B2 U0 G3	B0 U0 G2	B1 U0 G3	B0 U0 G2	B3 U0 G2	B3 U0 G3

Absolute Lumens for 350mA								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	6521	6471	6339	5596	6388	5770	6561	6395
4200K	8435	8370	8298	7238	8263	7464	8488	8271
5100K	8949	8880	8801	7679	8766	7918	9004	8775

B.U.G. Rating for 700mA (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	B4 U0 G4	B3 U0 G3	B3 U0 G3	B3 U0 G3	B1 U0 G3	B0 U0 G4	B4 U0 G3	B3 U0 G3
4200K	B4 U0 G4	B3 U0 G3	B3 U0 G3	B3 U0 G3	B1 U0 G4	B0 U0 G4	B4 U0 G3	B3 U0 G3
5100K	B4 U0 G4	B3 U0 G3	B3 U0 G3	B3 U0 G3	B1 U0 G4	B0 U0 G4	B4 U0 G3	B3 U0 G3

Absolute Lumens for 700mA								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	11641	11551	12077	10741	11547	10337	12211	11288
4200K	15184	15067	15754	14010	15063	13484	15929	14725
5100K	15316	15198	15891	14132	15194	13602	16067	14854

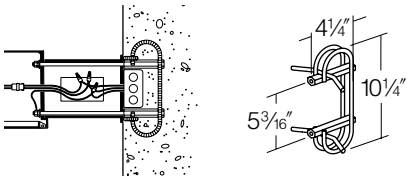
LED performance and lumen output continues to improve at a rapid pace. Log onto www.kimlighting.com to download the most current photometric files from Kim Lighting's IES File Library.
For custom optics and color temperature configurations, contact factory.



Optional Features

Wall Mounting
Cat. No. ☐ **1W**
☐ **No Option**.

A modified arm containing an access hole to allow field splices within the arm. A wall embedment bracket **(WEB)** is provided to accept fixture mounting rods, and a trim plate shall be provided to cover the wall embedded junction box (J-box by others.) All exposed parts are finished to match the fixture. For concrete mounting only.



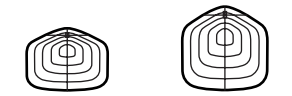
Wall mount using wall embedment bracket - J-box in wall (by others)

Poles

See Kim Arms and Poles Selection Guide for a complete selection of square and round poles in aluminum or steel.

Neighbor Friendly Optic:
Cat. No. ☐ **NFO**
☐ **No Option**

Integrated Neighbor Friendly Optic on each PicoPrism™ module to completely control unwanted backlight. Most effective with Type III and IV distibutions.



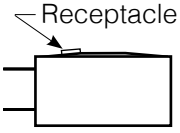
TYPE III-NFO TYPE IV-NFO

Wireless Control
Cat. No. ☐ **WIH-M**
☐ **No Option**

In fixture WiHubb® wireless control module features on/off/variable and step dimming, SNAP protocol mesh network, AES-128 encryption detection, occupancy sensor interface and intuitive, user-friendly software. The most comprehensive and up to date information can be found at http://www.hubbell-automation.com/products/wihubb_infixture_module.

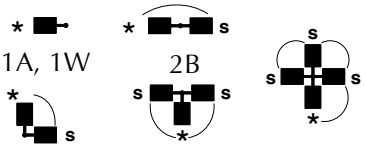
Photocell Receptacle
Cat. No. ☐ **A-25**
☐ **No Option**

A fully gasketed receptacle installed above the electrical compartment for NEMA base photocell (by others). For all multiple-fixture pole mountings, one fixture has a receptacle to operate the others.



Mounting (see page **2**)

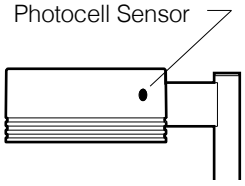
✱ Fixture with photocell receptacle
s slave unit(s)



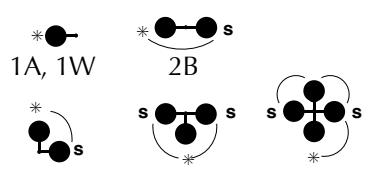
Photocell
Cat. No. **(See right)**
☐ **No Option**

Factory installed photocell inside housing with a fully gasketed sensor on the side wall. For multiple fixture mountings, one fixture is supplied with a photocell to operate the others. (Exception: Four 400 watt fixtures where two fixtures will have photocells.)

Cat. No.		Line Volts
☐ **A-30**	☐ **2A-30**	120V
☐ **A-31**	☐ **2A-31**	208V
☐ **A-32**	☐ **2A-32**	240V
☐ **A-33**	☐ **2A-33**	277V
☐ **A-35**	☐ **2A-35**	347V
☐ **A-34**	☐ **2A-34**	480V



Mounting Configuration:
✳ – Fixture with Photocell Sensor
S – slave unit(s)
No fixture wattage limit.



Time Clock Relay Cat. No. ☐ **TCR** ☐ **No Option**	Time Clock Relay - An intergral relay and dimming circuit is provided at the voltage of the luminaire for contact from a time clock by-others. The Time Clock tells the relay to switch to 50% dim.
NEMA Receptacle Cat. No. ☐ **NEMA7** ☐ **No Option**	Fixture supplied with a fully gasketed receptacle above the electrical compartment for NEMA twist-lock control module (by-others). Wires are attached to relevant components within the luminaire. For multiple fixture pole mountings, one fixture has the receptacle to operate the others.
Round Pole-Mounted Occupancy Sensor up to 16' Cat. No. ☐ **SCL-R** ☐ **No Option**	Round Pole Mounted Occupancy Sensor up to 16' - Outdoor occupancy sensor with 0-10v interface dimming control mounts directly to the underside of the luminaire. Wide 360° pattern. Module colors available Black, Gray, and White. Module is cut for round pole mounting. Pole diameter needed. **Ordering Example: SCL-R4*/277**/BL***** *Pole Diameter, ** Voltage, *** Color
Square Pole-Mounted Occupancy Sensor up to 16' Cat. No. ☐ **SCL-S** ☐ **No Option**	Square Pole Mounted Occupancy Sensor up to 16' - Outdoor occupancy sensor with 0-10v interface dimming control mounts directly to the underside of the luminaire. Wide 360° pattern. Module colors available Black, Gray, and White. Module is cut for round pole mounting. Pole diameter needed. **Ordering Example: SCL-L/277**/BL***** ** Voltage, *** Color
Round Pole-Mounted Occupancy Sensor up to 30' Cat. No. ☐ **SCH-R** ☐ **No Option**	Round Pole Mounted Occupancy Sensor up to 30' - Outdoor occupancy sensor with 0-10v interface dimming control mounts directly to the underside of the luminaire. Wide 360° pattern. Module colors available Black, Gray, and White. Module is cut for round pole mounting. Pole diameter needed. **Ordering Example: SCH-R4*/277**/BL***** *Pole Diameter, ** Voltage, *** Color
Square Pole-Mounted Occupancy Sensor up to 30' Cat. No. ☐ **SCH-S** ☐ **No Option**	Square Pole Mounted Occupancy Sensor up to 30' - Outdoor occupancy sensor with 0-10v interface dimming control mounts directly to the underside of the luminaire. Wide 360° pattern. Module colors available Black, Gray, and White. Module is cut for square pole mounting. **Ordering Example: SCH-S/277**/BL***** ** Voltage, *** Color
Wireless Control Cat. No. ☐ **WIH-M** ☐ **No Option**	In fixture WiHubb® wireless control module features on/off/variable and step dimming, SNAP protocol mesh network, AES-128 encryption detection, occupancy sensor interface and intuitive, user-friendly software. The most comprehensive and up to date information can be found at http://www.hubbell-automation.com/products/wihubb_infixture_module/.
Wireless Control Cat. No. ☐ **WSI-M** ☐ **No Option**	Hubbell Building Automation's wiSCAPE™ Fixture Module is a bidirectional wireless RF device that allows an individual fixture to be managed, monitored and metered. The wiSCAPE Fixture Modules communicates wirelessly over a robust 2.4GHz ISM (Industrial, Scientific and Medical) certified meshed radio signal. The wiSCAPE Fixture Module drastically simplifies control and automation of projects, especially in retrofit environments and challenges the legacy world of wired-systems. wiSCAPE wireless control technology adapts easily to complex automation situations for quick, simple and economical commissioning.

Additional information on controls can be found at http://www.hubbelllighting.com/solutions/controls/

LAREDO SERIES
LCC SERIES

Cat.#	
Job	Type

SPAULDING LIGHTING

Approvals

SPECIFICATIONS

Intended Use
- Full cutoff*, IDA compliant entry or perimeter lighting
- Six to twelve foot typical mounting heights

Construction
- Decorative die-cast aluminum housing and door. Rugged design protects internal components and provides excellent thermal management for long life
- Flat, tempered, impact-resistant glass lens protects optics
- 800 Series powder paint finishes provide lasting appearance and are available in standard finishes: Dark Bronze, Black, White, Gray and Platinum

LED
- 12 LED system delivers 820 lumens at 12.8w for 64 LPW efficiency
- Universal 120-277V, 50/60Hz driver, .5 amp max

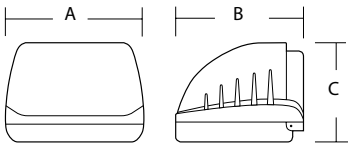
Installation
- Two-point lag mount securely holds housing to surface; Mounting template is provided.
- Designed for mounting over standard recessed junction boxes or for wiring with surface conduit; ½" hubs with plugs provided on top and sides for versatile access

Listings
- Listed to UL 1598 for use in wet locations
- IDA Dark Sky compliant

LED unit IDA compliant – zero uplight

PRODUCT IMAGE(S)

DIMENSIONS



A	B	C
9.0 (229mm)	9.5 (241mm)	7.2 (183mm)

CERTIFICATIONS/LISTINGS

C SA US

ORDERING INFORMATION ORDERING EXAMPLE: LCC-70P8-1-LP

LCC - [ ] - [ ] - [ ]

SERIES

LCC Laredo Compact Cutoff

WATTAGE/SOURCE/VOLTAGE

LED[2]

12LU-5K 12.8w, 120-277V, 50/60Hz (5000K, 820 lumens)

FINISH

1 Bronze
2 Black
3 Gray
4 White
5 Platinum

OPTIONS*

PC1 120V button photocontrol
PC2[1] 208V button photocontrol
PC3[1] 240V button photocontrol
PC4[1] 277V button photocontrol

LCC LED System:
- 5100K color temperature
- Five year limited warranty
- Typical spacing of three times mounting height
- LED is IDA approved – no uplight

ACCESSORIES

LCC-SPC	Polycarbonate shield
PBT-1	120V button photocontrol
PBT-234[1]	208/240/277V button photocontrol
PTA-1	External 120V Photocontrol (use for 70w)
PTA-8	External photocontrol 120-277V (use for 70w and above)

[1] For use on CFL and LED units only • [2] REF: LM79 ITL75992

Note: 347V is available in 50P, 70P and 70S
Example: Change 50P8 to 50P6
*Not recommended at 70w