

LUMINAIRE SCHEDULE				
LABEL	QTY.	DESCRIPTION	MFG. #	MOUNTING HEIGHT (FT)
A	7	KIM LIGHTING - EKG401 - LED	EKG401-3-P-70-80L-4K	20
B	13	SPAULDING LIGHTING - LAREDO SERIES - LCC	LCC-12LU-5K-1	10

- NOTES:**
- PHOTOMETRIC DATA GENERATED USING DESIGN MASTER SOFTWARE
 - GRID SPACING = 10' X 10'
 - LIGHT LOSS FACTOR - LED: 0.90
 - ELECTRICAL ENGINEER TO VERIFY VOLTAGE PRIOR TO ORDERING

WALL MOUNTED FIXTURE:

LAREDO SERIES LCC SERIES

DESCRIPTION: LCC Series
Type: LCC Series

FEATURES:

- Infrared film
- Full cut-off, LED compliant entry or perimeter lighting
- Six to twelve foot typical mounting height

Construction:

- Decorative die-cut aluminum housing and door. Rugged design protects internal components and provides excellent thermal management for long life.
- Flat, suspended, impact resistant, clear polycarbonate lens.
- 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 800 lumens at 12.8W for 64LPW efficiency
- Universal 120-277V, 50/60Hz driver, 5 amp/3A

Installation:

- Two-point hanger mount (securely fits) housing to surface; mounting template is provided.
- Designated mounting over standard recessed junction boxes or for wiring with surface conduit, 3/4" tube with plug provided on top and sides for wireless uses.

Listings:

- Listed to UL 1598 for use in wet locations
- IFC, Dark Sky compliant
- LED is UL compliant - see spec.

SPAULDING LIGHTING

PRODUCT IMAGE(S)

DIMENSIONS:

CERTIFICATIONS/LISTINGS:

ORDERING INFORMATION ORDERING FORM: LCC-7078-14P

SERIES	VOLTAGE/OUTPUT	FINISH	OPTIONS*
LCC	LED	1: Bronze 2: Black 3: Gray 4: White 5: Platinum	PC1: 120V bottom photocontrol PC2: 200V bottom photocontrol PC3: 200V bottom photocontrol PC4: 277V bottom photocontrol

LED LED SYSTEM:

- 5000mK color temperature
- Five year limited warranty
- Typical spacing of three times mounting height
- LED is UL approved - see spec.

ACCESSORIES:

- LED-SPC: 120V bottom photocontrol
- PC1: 120V bottom photocontrol
- PC2: 200V bottom photocontrol
- PC3: 200V bottom photocontrol
- PC4: 277V bottom photocontrol

NOTES:

- *120V through 277V is a variable driver.
- 3000mK available in 60, 70 and 75 degree beam angle.
- 120V through 277V is a variable driver.

POLE MOUNTED FIXTURE:

KIM LIGHTING

EKG401
Shoebbox Luminaire, PicoPrism™ LED
revision 9/19/14 + kl_ekg401pld_spec.pdf

Type: Pole Mounted
Job: Pole Mounted
Catalog number: EKG401

Approvals: _____
Date: Page: 1 of 5

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

Specifications

EKG401-LED
80 Light Emitting Diodes
94 System Watts for 330mA
185 System Watts for 700mA
Maximum Weight is 50 lbs.

Housing: Fabricated from a one-piece extruded aluminum side panel with milled corners that are internally welded and sealed for weather-tightness. 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 pre-wired with quick-disconnect plugs. Module includes a driver, thermal control device and surge protector. Electrical module attaches to housing with recessed 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 NNTV and NITTV. 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, trihybrid fluoropolymer (TFC) 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 (includes 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 ABRA.

Warranty: Kim Lighting warrants EKG LED products ("Products") 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 finishes, (iii) a period of six (6) years for LED Light Engines ("Light Engines") and, (iv) a period of five (5) years for LED power components (LED Driver, LifeShield™ devices), 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.

side view

front view

arm section

Standard Features

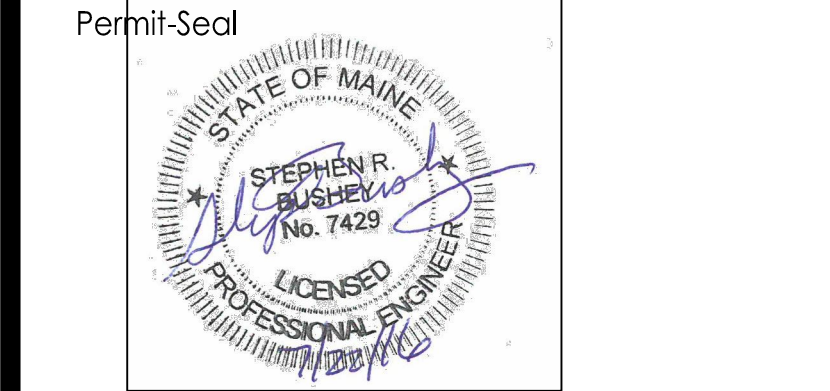
Mounting	Plan View:	Wall Mount
EPA: 2.1, 4.2, 3.5, 4.5, 5.0, n/a	1A, 2B, 2L, 3T, 4C	n/a, 1W

Fixture	Light Distribution:
EKG401 Cat. No. designates fixture and optic	Type I, Type II, Type III, Type IV, Type V Square, Type R Right, Type L Left

Electrical Module	Cat. Nos. for Electrical Modules available:
	80L, xK, xxx
	Source: 80L = 80 LEDs
	Color Temperature: 2K = 5000mK Amber 3K = 3000K 4K = 4000K 5K = 5100K

Finish	Standard Finishes:
TFC powder coat paint over titanium zirconium conversion coating. Optional Architectural Class 1 anodized finish is available at extra cost.	Color: Black, Dark Bronze, Stealth Gray™, Platinum Silver, White, Custom Color Cat. No.: BL, DB, SG, PS, WH, CC

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 with HUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NNTV and NITTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead.
	Standard Input: Blue (L), White (N), Green (G)
	Gray Dimming Lead (L), Purple Dimming Lead (N)
	Fixture Housing



Client/Project
EARL W. NOYES & SONS

191 MARGINAL WAY REDEVELOPMENT

PORTLAND, MAINE

Title
PHOTOMETRICS PLAN

Project No. 195350354 Scale 1" = 20'

Sheet

16.07.22
 Y:\MWD
 SRB
 APPD.
 SRB
 BY
 REVISION

V:\195350354\195350354\195350354\195350354_photometrics.dwg plmfile 7/26/2019 2:28 PM