

JOB \_\_\_\_\_ TYPE \_\_\_\_\_

NOTES \_\_\_\_\_ APPROVALS \_\_\_\_\_

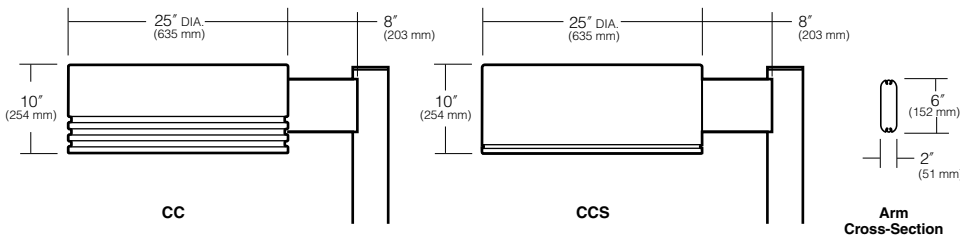
### FEATURES

- Full Cutoff PicoPrism technology
- Patented low profile luminaire<sup>1</sup>
- Available in 580nm, 3000K, 4000K and 5000K standard CCT
- Type 1, 2, 3, 4, 5, R, L distributions
- 0-10V dimming drivers standard

### Certifications



### SPECIFICATIONS



Max. Weight = 56 lbs. EPA 1.5.  
See Configuration for Additional EPAs.

### ORDERING CODE

Configuration	EPA	Fixture			Electrical Module			Fixture Finish
		Housing	Distribution	Drive Current	Source	Color Temperature <sup>2</sup>	Voltages	
1A	1.5	CC25A Arm Mount, three reveals	1 Type I	P35 350mA PicoPrism	96L 96 LEDs, 111W for 350mA, 228W for 700mA	2K 580nm <sup>3</sup>	120 120V	BL Black
2B	3.0		2 Type II	P70 700mA PicoPrism		3K 3000K	208 208V	DB Dark Bronze
2L	2.7	CCS25A Arm Mount, single groove	3 Type III			4K 4000K	240 240V	GT Graphite
3T	4.3		4 Type IV			5K 5000K	277 277V	LG Light Gray
3Y*	4.3		5 Type V				347 347V <sup>4</sup>	PS Platinum Silver
4C	4.9		R Type R, Right				480 480V <sup>4</sup>	TT Titanium
1W	n/a		L Type L, Left					WH White
HSF	n/a							CC Custom Color*

\*Available round poles only. EPA is for Fixture only

Photocell Options	Fuse Options	NFO Option	Other Options	Control Options	Mounting Options	Control Accessories
A25-7 7-pin Photocell Receptacle	SF 120, 277, 347 Line Volts	NFO Neighbor Friendly Optic. Photometry available for Type III/IV. All others, consult factory.	REV Accent Reveal <sup>6</sup>	Wireless WIR-RMI-IO 120-480V, 1000' range, wiSCAPE RF control system with on/off/dim, alerts, monitoring and metering capabilities	VSF Vertical Slipfitter Mount for 2" pipe tenon, (2-3/8" O.D.) SVSF Vertical Slipfitter Mount square for 2" pipe tenon, (2-3/8" O.D.)	SW7PR <sup>7,8</sup> Site Sync with 7-pin PCR SWUSB <sup>†</sup> SiteSync Software on USB SWTAB <sup>†</sup> SiteSync Windows <sup>®</sup> Tablet SWBRG <sup>†</sup> SiteSync Wireless Bridge Node
A30 120V Button Photocell	DF 208, 240, 480 Line Volts			Motion SCL-R Round Pole Mounted Occupancy Sensor up to 16'	Side Arm Mount 3 3" O.D. Pole	WIR-RME-L wiSCAPE 7-pin Module
A31 208V Button Photocell				SCL-S Square Pole Mounted Occupancy Sensor up to 16'	3.5 3.5" O.D. Pole	NXOFM-1R1D-UNV NX 7-pin Module
A32 240V Button Photocell				SCH-R Round Pole Mounted Occupancy Sensor 16' to 30'	4 4" O.D. Pole	
A33 277V Button Photocell				SCH-S Square Pole Mounted Occupancy Sensor 16' to 30'	5 5" O.D. Pole	
A34 480V Button Photocell					6 6" O.D. Pole	
A35 347V Button Photocell					SQ Square Pole	

For Pole Spec Select: [http://www.kimlighting.com/products/arms\\_and\\_poles/](http://www.kimlighting.com/products/arms_and_poles/)  
For Control Spec Select: <http://trpsl.com/index.html>

<sup>1</sup> US Patent No. D568,521 S. Other patents pending.  
<sup>2</sup> For custom optics and color temperature configurations, contact factory.  
<sup>3</sup> Turtle friendly. Maximum 500mA drive current for 2K amber option.  
<sup>4</sup> 347V & 480V currents may be supplied with step-down transformer.  
<sup>5</sup> Use only when vandalism is anticipated to be high. Required only for vandal protection in locations where fixtures can be reached by unauthorized persons.  
<sup>6</sup> CC only. Available in 6 standard fixture finishes. Specify finish, example: BL-REV.  
<sup>7</sup> Not available with other sensor or wireless control options.  
<sup>8</sup> Specify group and zone at time of order. See [www.hubbellighting.com/sitesync](http://www.hubbellighting.com/sitesync) for more details. Order at least one SiteSync interface accessory SWUSB or SWTAB. Each option contains SiteSync License, GUI, and Bridge Node.

Kim Lighting reserves the right to change specifications without notice.

**SiteSync** LIGHTING CONTROL  
SiteSync Lighting Control is available from our most popular brands in a broad range of award-winning product families.

<sup>†</sup> When ordering with SiteSync, one of the following interface options must be chosen and ordered separately. Each option contains the SiteSync License, GUI and Bridge Node.

**LUMINAIRE PERFORMANCE**

Spectroradiometric			
	3000K Average	4000K Average	5000K Average
Color Rendering Index (CRI)	≥75	≥70	≥65
Power Factor	>.90	>.90	>.90

Projected Lumen Maintenance		
mA	50,000 hrs	100,000 hrs
350	97.05%	95.24%
700	93.94%	90.60%

Electrical - Drive Current @350mA		
Volts - AC	Amps - AC	System Watts
120	0.93	111
208	0.53	111
240	0.46	111
277	0.40	111
347	0.32	111
480	0.23	111

Electrical - Drive Current @700mA		
Volts - AC	Amps - AC	System Watts
120	1.90	228
208	1.10	228
240	0.95	228
277	0.82	228
347	0.66	228
480	0.48	228

B.U.G. Rating (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare								
Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	B3 U0 G3	B2 U0 G2	B2 U0 G2	N/A	B1 U0 G2	B0 U0 G2	B3 U0 G2	B3 U0 G3
4000K	B4 U0 G4	B3 U0 G3	B2 U0 G2	N/A	B1 U0 G3	B0 U0 G3	B4 U0 G2	B3 U0 G3
5000K	B4 U0 G4	B3 U0 G3	B3 U0 G3	N/A	B1 U0 G3	B0 U0 G3	B4 U0 G2	B3 U0 G3

Absolute Lumens								
Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	8200	8219	8096	N/A	8015	7103	8311	7993
4000K	11246	11271	11103	N/A	10992	9741	11398	10962
5000K	11535	11562	11388	N/A	11275	9992	11691	11245

B.U.G. Rating (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare								
Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	B4 U0 G4	B3 U0 G3	B3 U0 G3	N/A	B1 U0 G3	B0 U0 G3	B4 U0 G2	B3 U0 G3
4000K	B4 U0 G4	B3 U0 G4	B3 U0 G4	N/A	B1 U0 G4	B1 U0 G4	B4 U0 G3	B3 U0 G4
5000K	B4 U0 G4	B3 U0 G4	B3 U0 G4	N/A	B1 U0 G4	B1 U0 G4	B5 U0 G3	B3 U0 G4

Absolute Lumens								
Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	14010	14042	13832	N/A	13780	12136	14208	13537
4000K	19252	19295	19006	N/A	18935	16676	19523	18600
5000K	19590	19634	19340	N/A	19268	16969	19867	18928

LED performance and lumen output continues to improve at a rapid pace. Log onto [www.kimlighting.com](http://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.

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**SPECIFICATIONS**

**Housing:**

- Extruded low copper aluminum main body.
- Die-cast low copper aluminum electrical gear compartment.
- Stainless steel hardware.
- Die cast wall separates the optical and electrical compartment acting as thermal barrier.
- Electrical gear compartment doors are fastened with two hinges and a latch made of stainless steel.
- Silicone gaskets seal the compartments at the barrier surface.

**Optical Module:**

- PicoPrism refractors (enclosed LED PCBs for IP66 rating) aimed toward the task and spreads horizontally to produce great uniformity.
- Type I, II, III, IV, V, L (left), and R (right) standard distributions. Custom available.
- 3000K, 4000K, 5000K standard CCT. Amber and custom available.
- IP66 certified.
- Die-cast, low copper aluminum heat sink modules provide thermal transfer at PCB level.
- Anodized aluminum carrier plate and heat sink modules.

**Lens Frame:**

- One-piece low copper aluminum alloy die-cast is secured to housing with two toolless latches.

**Neighbor Friendly Optic**

- Optional integrated Neighbor Friendly Optic on each LED module to completely control unwanted backlight. Most effective with Type III and IV distributions.

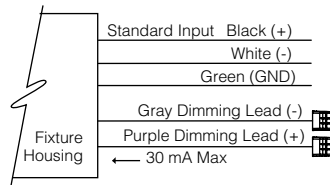
**Electrical Characteristics:**

- Pre-assembled, aluminum gear tray.
- 120V through 480V @ 50/60Hz.
- Class 2, 350mA or 700mA
- Power Factor = >.90
- National Electrical Code, ANSI/NFPA 70.
- 10kV surge suppression.
- Thermal shield thermal control.
- -30c starting driver.

- 0-10V dimming interface.
- All electronic components are IP66 rated.
- Electronic components are UL and/or CSA recognized.
- Standard programmable driver for variable drive current settings from 350mA to 700mA.

**Dimming:**

- 10% to 100% dimming using standard 0-10V interface driver.
- To activate the dimming system, a wiring harness is supplied and attached to the DIM Port (DIM IN) on the thermal shield protection system. This port allows the 0-10V Interface to bypass the thermal shield and control the driver.
- The thermal shield works in conjunction with the control system to assure that overheating will not harm the LEDs.
- The wiring harness is connected with the use of the Purple lead as the positive (+) and the Grey lead as the negative (-) to an available control signal (by others).



**Support Arm:**

- Speed Mount and a reinforcing plate are provided with wire strain relief.
- Speed Mount is square or circular cut for specified pole size and shape.
- Die-cast, low copper aluminum support arm for direct pole mount.
- Die-cast aluminum tool-less entry splice access cover.
- Terminal block is mounted in the arm cavity and accepts #14 to #8 wire sizes.
- Prewired to electrical module with quick-disconnect plugs located inside the electrical compartment.
- Optional cast, low copper aluminum horizontal slip-fitter with adaptor plate to secure the luminaire to 1-1/4" to 2" IPS pipe size arms.
- Optional cast aluminum wall mount plate assembly. Attaches to the wall over the junction box. Luminaire attaches to the wall plate with a square cut Speed Mount.

**Finish:**

- Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat.
- Standard colors include (BL) Black, (DB) Dark Bronze, (GT) Graphite, (WH) White, (PS) Platinum Silver, (LG) Light Gray, (TT) Titanium, and (CC) Custom Color (Include RAL#).

**Fusing:**

**SF** for 120, 277 and 347 Line Volts  
**DF** for 208, 240 and 480 Line Volts.

- High temperature fuse holders factory installed inside the fixture housing. Fuse is included.

**CCertifications and Listings:**

- UL 1598 Standard for wet locations for Luminaires.
- UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products.
- IP66 certified.
- IK09 rated.
- CSA C22.2#250.0 Luminaires.
- RoHS compliant.
- IDA approved, 3000K and warmer CCTs only.

**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.

**WARRANTY:**

- For full warranty see <http://www.hubbellighting.com/resources/warranty>

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**CONTROLS**

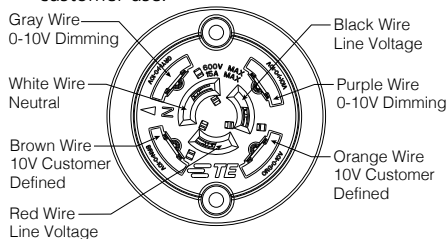
**PhotoCell Receptacle**

**A25-7**

Fully gasketed and wired 7-pin receptacle option. Easy access location above the electrical compartment. 7-pin construction allows for a user-defined interface and provides a controlled definition of operational performance. ANSI twist-lock control module by-others.

Standard customer operation modes:

1. Traditional on/off photoelectric control.
2. 5-pin wireless photoelectric control for added dimming feature.
3. 7-pin wireless photoelectric control for dimming and additional I/O connections for customer use.



**Button Photocell**

**A30** for 120V, **A31** for 208V, **A32** for 240V, **A33** for 277V, **A35** for 347V, **A34** for 480V, Photocell is factory installed inside the 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.

**Wireless Controls**

**wiSCAPE™**

Hubbell Control Solution's wiSCAPE™ wireless control modules allow an individual fixture to be managed, monitored and measured. The modules communicate securely over a robust certified meshed radio signal. The wiSCAPE modules provide on/off/dim control, external device input, alerts and metering.

**WIR-RMI-IO**

wiSCAPE Internal Module, 120-480V, 1000ft range (LOS), 3 Digital Inputs/1 Analog Input, 2 Outputs.

**WIR-RME-L**

wiSCAPE External Module, 120-480V, 1000ft range (LOS), Internal Photocell, 1 Digital Input, Compatible with the A-25-7H option

**SiteSync™<sup>1</sup>**

SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit [www.hubbellighting.com/products/sitesync](http://www.hubbellighting.com/products/sitesync) for more details.

**Pole Mounted**

**Round Pole-Mounted Occupancy Sensor up to 16'**

**SCL-R**

Round Pole-Mounted Occupancy Sensor up to 16' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for round pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCL-R4<sup>4</sup>/277<sup>2</sup>/BL<sup>3</sup>

**Square Pole-Mounted Occupancy Sensor up to 16'**

**SCL-S**

Square Pole-Mounted Occupancy Sensor up to 16' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for square pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCL-L/277<sup>2</sup>/BL<sup>3</sup>

**Round Pole-Mounted Occupancy Sensor 16' to 30'**

**SCH-R**

Round Pole-Mounted Occupancy Sensor: 16' to 30' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for round pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCH-R4<sup>4</sup>/277<sup>2</sup>/BL<sup>3</sup>

**Square Pole-Mounted Occupancy Sensor 16' to 30'**

**SCH-S**

Square Pole-Mounted Occupancy Sensor: 16 to 30' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for round pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCH-S/277<sup>2</sup>/BL<sup>3</sup>

**SCP**

The SCP is a photo-control with motion sensing accessory that mounts to the side of any new or existing 3"-5" round or square straight pole. The SCP enables any pole mounted luminaire in excess of 75 watts, to meet California Title 24 requirements with integral 20KV/10KA surge protection for added reliability and serviceability.

For more detail:

[http://www.aal.net/products/sensor\\_control\\_programmable](http://www.aal.net/products/sensor_control_programmable)

<sup>1</sup>PRECOMMISSIONED SITESYNC ORDERING INFORMATION: When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit [www.HubbellLighting.com/products/sitesync](http://www.HubbellLighting.com/products/sitesync) or contact Hubbell Lighting tech support at (800) 345-4928.

SiteSync fixtures with occupancy sensor (SWPM) require the mounting height of the fixture for selection of the lens.

Examples:

SiteSync only : ALT3/P70/60L/3KUV/PS/US/SWP

SiteSync with Motion Control: ALT3/P70/60L/3KUV/PS/US/SWPM-20F

MOB ORDERING INFORMATION: When ordering a fixture with a dimming occupancy sensor option (MOB), please specify the appropriate information. These settings are specified in the ordering as shown in the example below.

ALT3/P70/60L/3KUV/PS/US/MOB - 1 to 30 min - 33% or 50% - ?? / DBT  
High to Dim Delay      Low Level      Mounting Height (ft.)

<sup>2</sup>Voltage, <sup>3</sup>Color, <sup>4</sup>Pole Diameter

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