

# Altitude™



# Altitude™

ALTITUDE® is the perfect blend of form, performance, integration and quality. The low profile, one-piece housing is offered in three proportional sizes for scalability to meet a broad range of site lighting applications.

## Size 3

No Lens | Up to 135 lumens/watt

**168L-305** 40,000 lm

**168L-350** 45,000 lm

**168L-385** 50,000 lm

## Size 2

No Lens | Up to 139 lumens/watt

**100L-160** 20,000 lm

**100L-200** 25,000 lm

**100L-240** 30,000 lm

**100L-285** 35,000 lm

## Size 1

No Lens | Up to 148 lumens/watt

**28L-20** 3,000 lm

**28L-40** 5,000 lm

**28L-60** 7,500 lm

**28L-85** 10,000 lm

**56L-95** 12,500 lm

**56L-120** 15,000 lm

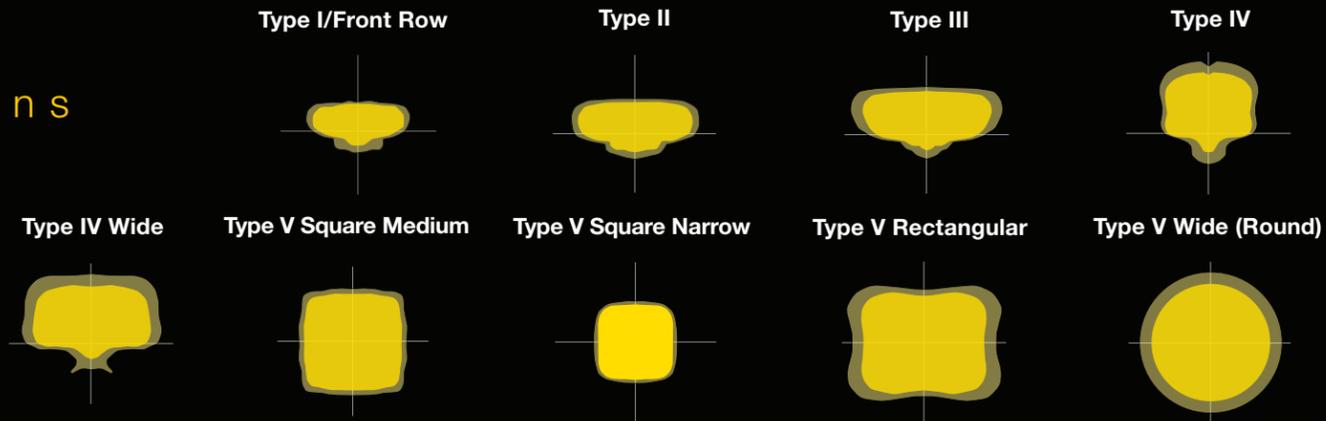
**56L-155** 17,500 lm

### Complete Site Solution

Kim Lighting's coordinated collection of area, wall and low-level lighting luminaires provide a consistent aesthetic to enhance the entire site.

# IES distributions

The Altitude is available with nine distinct distribution patterns to illuminate a variety of applications.



# backlight cutoff

Strike Optics maximize target forward throw illumination and uniformity while minimizing backlight.

Typical Area / Site Luminaire  
Type IV Distribution

Significant backlight present up to 3 mounting heights behind pole.



20 - 30 %  
Backlight

Altitude Strike Optics  
Type IV Distribution

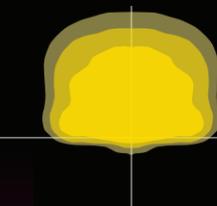
NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting



9 %  
Backlight

Altitude Strike Optics + Backlight Control  
Type IV Distribution

Combining Backlight Control with Strike Optics reduces backlight to less than 1 mounting height behind pole while maintaining optimal curb line and forward throw.



5 %  
Backlight

# visual comfort

Optional diffuse lens offers exceptional performance while providing a visually comfortable environment. Available in Type III and Type V distributions for unparalleled performance and visual comfort.

Diffuse Lens

Clear Lens



# control integration

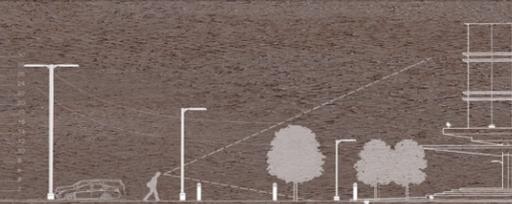


NX Lighting Controls delivers a lighting control solution which is capable of seamlessly connecting exterior and interior applications. NX is capable of scaling from standalone fixture control applications to networked enterprise deployments. NX operates using wired, wireless and hybrid connectivity with native BACnet™ support. Wireless setup and configuration of NX is simple and intuitive with the NX Mobile App via Bluetooth.

# theory of relativity

## Scaled to the environment

The Kim Lighting Theory of Relativity promotes harmony between outdoor lighting and architecture through a seamless blending of the two. Comprehensive product families allow specifiers to carry a continuous aesthetic through the project regardless of the application. As distance to structures decreases, luminaire height and scale decrease accordingly, maintaining visual comfort and contextual balance. This maximizes efficiency while preserving and enhancing the architectural experience.



# engineered excellence

## Form:

- One piece, die-cast aluminum housing design for enhanced thermal performance.
- Painted optic bezel matches luminaire finish for seamless appearance.

## Performance:

- Strike Optics enable precise optical control to maximize luminaire spacing and uniformity while minimizing house-side light trespass.
- IP66 rated for worry-free performance in demanding outdoor applications.

## Integration:

- Integral latch design for tool-free entry and easy access.
- Hidden hinges allow access to the optic and electrical components without compromising luminaire aesthetics.
- Available with tamper proof hardware for vandal resistance.
- Speed mount with integral terminal block for easy wiring connections and installation.

## Quality:

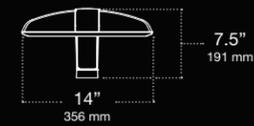
- Stainless steel hardware standard for ultimate durability.
- One piece silicone gasketing independently seals optical and electrical compartments for long term durability.
- Standard 10kA 20kV surge suppression provides an enhanced level of protection against power spikes and surges for ultimate piece of mind and long-term luminaire operation.



pedestrian  
pathway

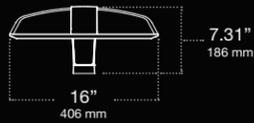
# ordering

## Altitude



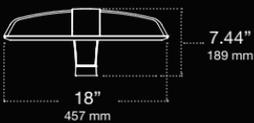
EPA	
Side View	Front View
.64	.37

**Weight**  
21.5 lbs.  
9.75 kg



EPA	
Side View	Front View
.85	.44

**Weight**  
34.6 lbs.  
15.69 kg



EPA	
Side View	Front View
.98	.50

**Weight**  
46.2 lbs.  
20.95 kg



## Altitude

SERIES	LIGHT ENGINE	CCT	DISTRIBUTION	ROTATION	VOLTAGE	MOUNTING	FINISH	CONTROLS OPTIONS	OPTIONS	CONTROL ACCESSORIES	
<b>ALT1</b> Altitude	No Lens	<b>AM</b> Amber	<b>FR</b> Type I/Front Row	Blank for no rotation	<b>UNV</b> 120-277V	<b>ASQ</b> Arm Square pole	<b>BL</b> Black	<b>7PR</b> 7 pin Photo Receptacle (PCR)	<b>SCL-8F</b> Low voltage sensor for 3rd party wireless controls via 7PR. For mounting heights up to 8'	<b>BC<sup>3</sup></b> Backlight Control	<b>SCPREMOTE</b> Remote control for SCP option. Order at least one per project to program and control the occupancy sensor
	<b>28L-20</b> 3,000 lm	<b>3K7</b> 3000K, 70 CRI	<b>2</b> Type II	<b>L<sup>1</sup></b> Optic rotation left	<b>347</b> 347V	<b>A34</b> Arm mt 3.3-4.2" OD pole	<b>DB</b> Dark Bronze	<b>7PR-TL</b> 7 pin PCR with twist lock photocontrol	<b>SCL-40F</b> Low voltage sensor for 3rd party wireless controls via 7PR. For mounting heights 9' to 40'	<b>SF</b> Single Fuse	
	<b>28L-40</b> 5,000 lm	<b>4K7</b> 4000K, 70 CRI	<b>3</b> Type III	<b>R<sup>1</sup></b> Optic rotation right	<b>480</b> 480V	<b>A46</b> Arm mt 4.5-6.0" OD pole	<b>GT</b> Graphite	<b>7PR-SC</b> 7 pin PCR with shorting cap	<b>SCP-8F</b> Remote control programable line voltage sensor	<b>DF</b> Double Fuse	
	<b>28L-60</b> 7,500 lm	<b>5K7</b> 5000K, 70 CRI	<b>4</b> Type IV			<b>MAF</b> Horizontal Slipfitter 2 3/8" OD arm	<b>LG</b> Light Gray	<b>AD-01<sup>2</sup></b> AstroDIM: 50% output at midnight	<b>SCP-40F</b> Remote control programable line voltage sensor	<b>TB</b> Terminal Block	
	<b>28L-85</b> 10,000 lm	<b>3K8</b> 3000K, 80 CRI	<b>4W</b> Type IV Wide			<b>WB</b> Wall Bracket for area wall mount	<b>PS</b> Platinum Silver	<b>AD-02<sup>2</sup></b> AstroDIM: 50% output midnight to 4 AM		<b>CLR</b> Clear Lens	
	<b>54L-95</b> 12,500 lm	<b>4K8</b> 4000K, 80 CRI	<b>5QM</b> Type V Square Medium				<b>TT</b> Titanium	<b>AD-03<sup>2</sup></b> AstroDIM: 50% output 10PM		<b>HDL</b> Diffuse Lens	
	<b>54L-120</b> 15,000 lm	<b>3K9</b> 3000K, 90 CRI	<b>5QN</b> Type V Square Narrow				<b>WH</b> White	<b>AD-04<sup>2</sup></b> AstroDIM: 50% output 10PM to 4AM			
<b>54L-155</b> 17,500 lm		<b>5R</b> Type V Rectangular				<b>CC</b> Custom Color	<b>NXSP14F<sup>2</sup></b> Integral NXSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				
<b>ALT2</b> Altitude	<b>100L-160</b> 20,000 lm		<b>5W</b> Type V Wide (Round)					<b>NXSP30F<sup>2</sup></b> Wired NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30'			<b>WIR-RME-L</b> wiSCAPE™ External Fixture Module
	<b>100L-200</b> 25,000 lm							<b>NXSPW14F<sup>2</sup></b> NX Networked Wireless Radio Module and Integral NXSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming			
	<b>100L-240</b> 30,000 lm							<b>NXSPW30F<sup>2</sup></b> NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30'			
	<b>100L-285</b> 35,000 lm							<b>NXWE</b> NX Networked Wireless Radio Module, without Sensor			
<b>ALT3</b> Altitude	<b>168L-305</b> 40,000 lm										<b>NXOFM-1R1D-UNV</b> NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming
	<b>168L-350</b> 45,000 lm										
	<b>168L-385</b> 50,000 lm										

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<sup>1</sup> Not available with 5QM and 5W distributions.  
<sup>2</sup> Not available with other sensor or wireless control options.  
<sup>3</sup> Not available with Type 5 distributions or HDL option.



**Current** 

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[currentlighting.com/kimlighting](http://currentlighting.com/kimlighting)

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