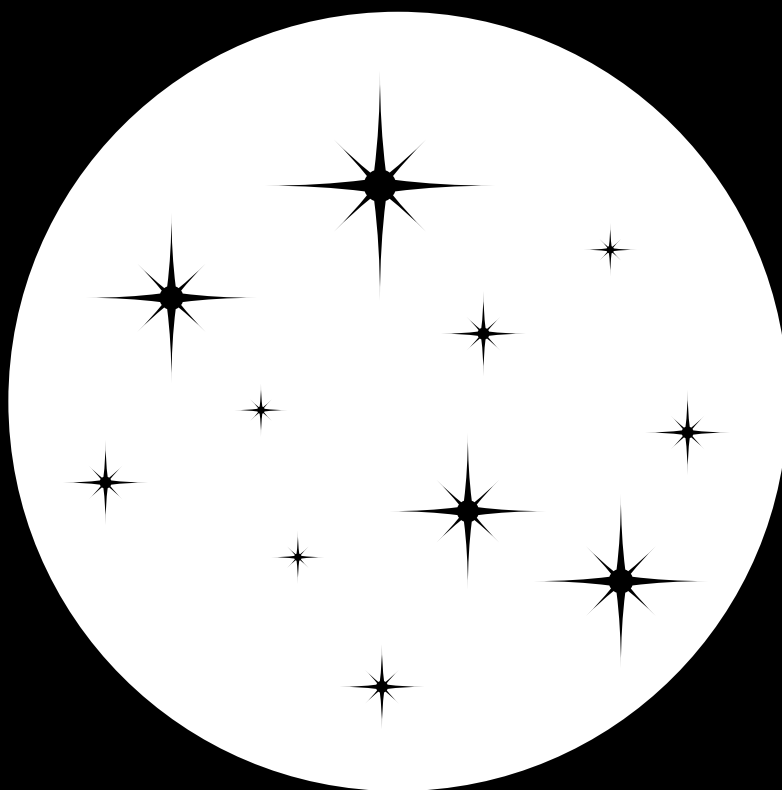


selux

DARK SKY



INTERNATIONAL DARK-SKY ASSOCIATION



Why is Dark Sky important?

Selux strongly believes in preserving the heritage of dark skies. It is important that we take responsibility for the environment through thoughtful lighting design and luminaire design. By doing this, we can minimize the impact on wildlife, reduce energy usage and maintain dark skies for astronomical recreation and research.

International Dark-Sky Association (IDA)

The International Dark-Sky Association (IDA) is the recognized authority on light pollution and is the leading organization combating light pollution worldwide. IDA's mission is to preserve and protect the nighttime environment and the heritage of dark skies through environmentally responsible outdoor lighting.

The IDA Fixture Seal of Approval

The Fixture Seal of Approval provides objective, third-party certification for luminaires that minimize glare, reduce light trespass, and don't pollute the night sky.

Selux offers a variety of luminaire types that are IDA certified and carry the Fixture Seal of Approval. To achieve this certification, the luminaire must be fully shielded and not allow any light above the horizontal, must be fixed to prohibit tilting of the luminaire and correlated color temperatures (CCT) must be 3000K or warmer.

What is Light Pollution?

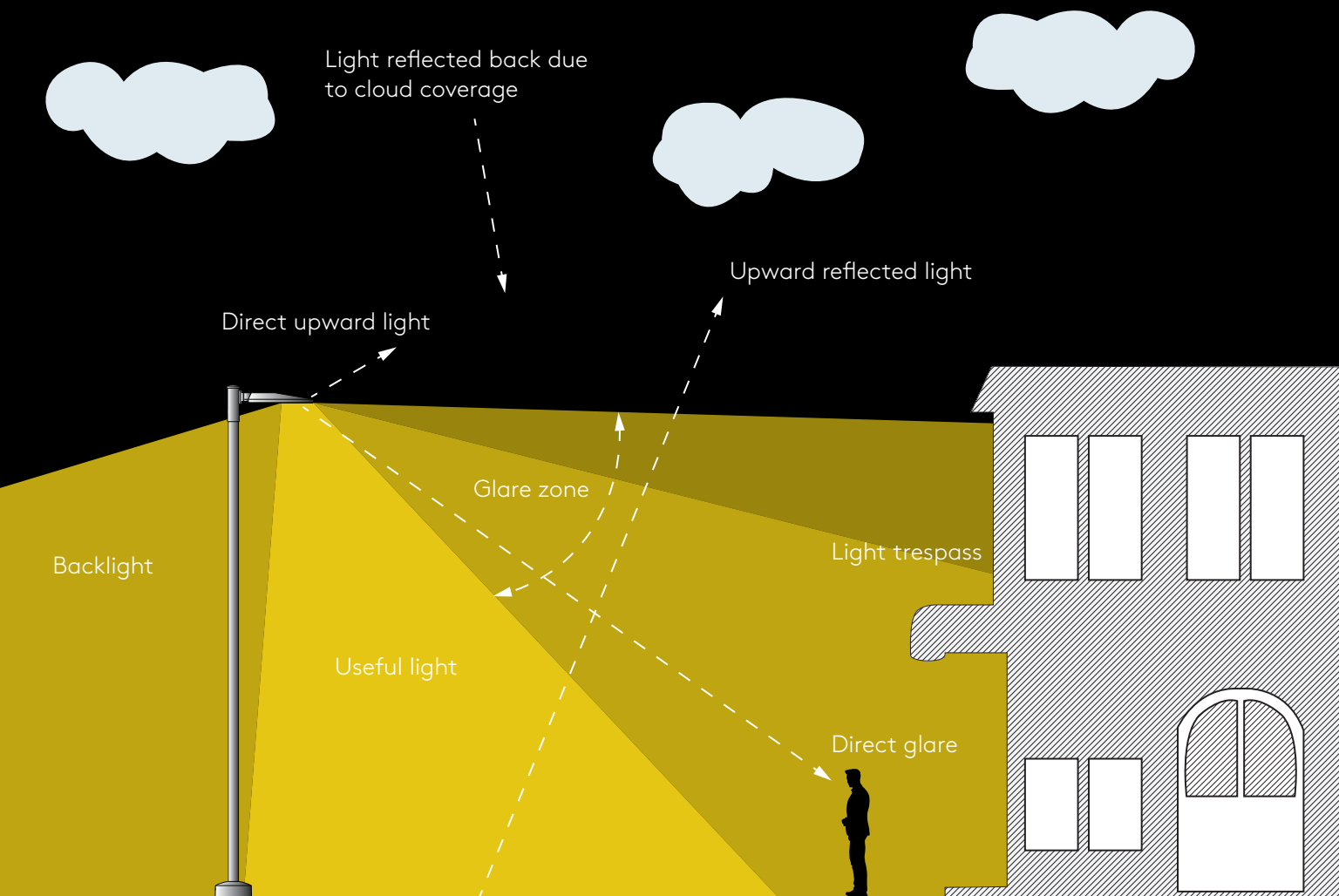
Per the International Dark-Sky Association (IDA), light pollution is the inappropriate or excessive use of electric light. It can have serious environmental consequences for humans, wildlife, and our climate. Components of light pollution include:

Glare: excessive brightness that causes visual discomfort

Skyglow: brightening of the night sky over inhabited areas

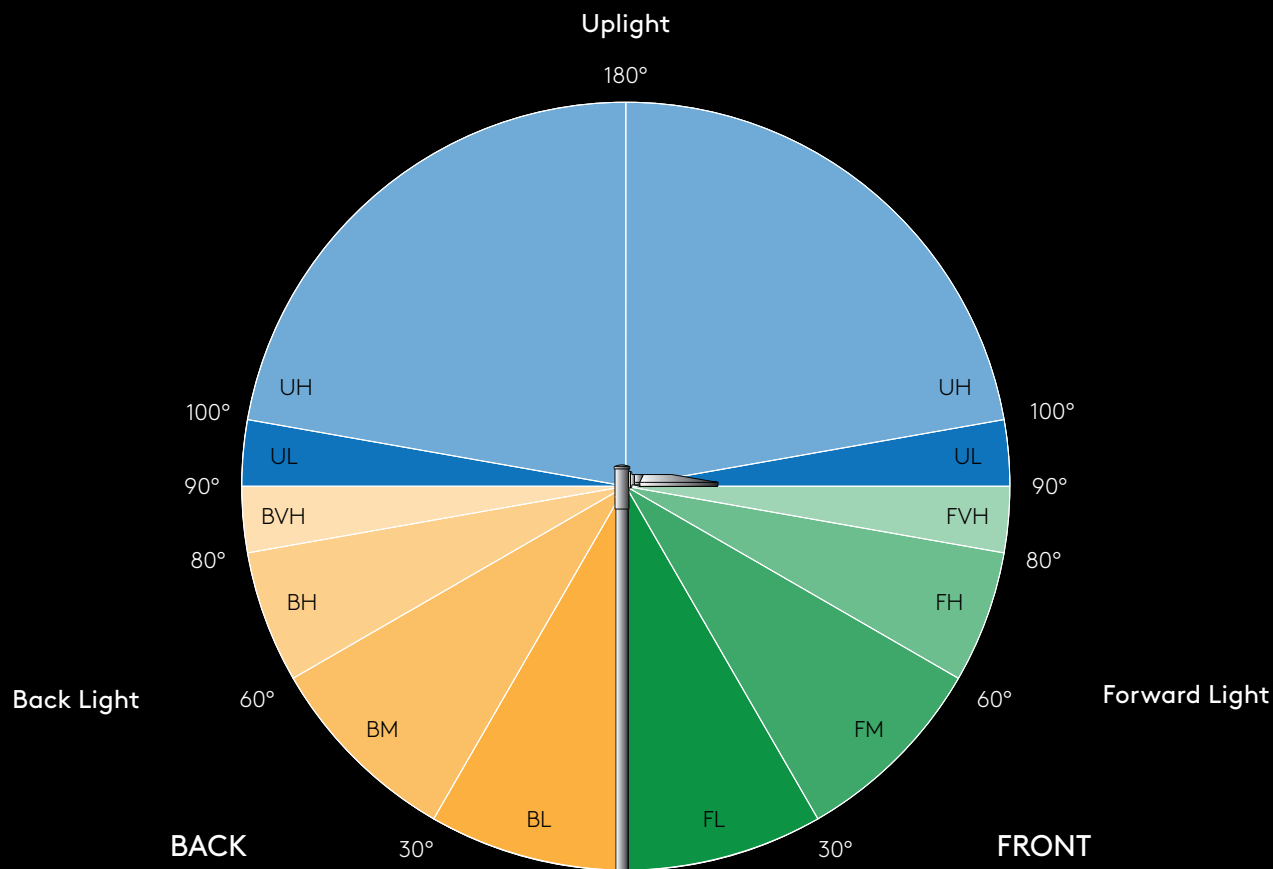
Light Trespass: light falling where it is not intended or needed

Clutter: bright, confusing, and excessive groupings of light sources



BUG Rating

IDA and the Illuminating Engineering Society of North America have developed a Model Lighting Ordinance to address the need for strong, consistent outdoor lighting regulation in North America. The IES's TM-15-11 "BUG" (Backlight, Uplight, and Glare) classification of outdoor lighting fixtures is used to ensure that only well-shielded luminaires are used. To be considered Dark Sky, there can be no uplight for area and street lighting in any zone. Many luminaires from Selux have an uplight rating of U0.



Our Commitment to Dark Sky

Selux has been committed to producing outdoor luminaires that reduce light pollution for over 15 years. As technology changes, we are continually exploring ways to improve our products. Let's work together to bring back the night sky!



Advanced Optical
Design



Low Glare
Technology



Warm Color
Temperatures



Zero Uplight

Selux Dark Sky Luminaires

Pole Top



Ouray™



Avanza



Saturn Cutoff
LED Family



Quadro H2 LED



Mistella™



Astro



Arca LED



Olivio LED



Beta Pendant LED



Beta Lantern LED



Discera LED



Arc & Arc Mini
LED

Column



Inula



Exelia Gen5



Inula



Discera LED

Bollard

Catenary

Ouray™

Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 2,000lm - 26,000lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV, Type V Round, Type V Square, Type V Rectangular, Plane Projector

Lens Options: Clear Tempered Glass, Comfort Optics

Options: Dimming, Hi-Lo Switching, GFCI, House Side Shield, Twist-Lock Receptacle with Sensor Options, Motion Sensor with Photocell



Avanza

Product Specifications

Light Engine: Cross-Beam Technology; 80+ CRI

Output: 2,000lm - 8,000lm Nominal

CCT: 3000K, 4000K; 3-Step Binning

Distributions: Type III Wide, Type III Narrow, Type V

Options: Dimming, Hi-Lo Switching, GFCI, Photocell, Motion Sensor with Optional Photocell, Solar



Saturn Cutoff LED Family

Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 4,000lm - 10,000lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV, Type V Round, Type V Square, Type V Rectangular

Lens Options: Clear Lens, Diffuse Lens and Diffuse Bowl

Shade Options: Saturn Cutoff, Saturn Cutoff 2

Options: Dimming, Hi-Lo Switching, GFCI, House Side Shield, Motion Sensor with Optional Photocell, Dark Sky (No Uplight) Finish, Photocell Tenon



Fire Station No. 7, Surprise, AZ



Quadro H2 LED

Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 3,000lm - 10,500lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV,
Type V Round, Type V Square, Type V Rectangular

Options: Dimming, Hi-Lo Switching, GFCI, House Side Shield,
Twist-Lock Receptacle for Sensor, Motion Sensor with
Optional Photocell, Rotatable Optics



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Selux Dark Sky

Mistella™

Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 3,500lm - 11,500lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV, Type V Round, Type V Square, Type V Rectangular

Lens Options: Diffuse Lens and Diffuse Bowl

Options: Dimming, Hi-Lo Switching, GFCI, House Side Shield, Twist-Lock Receptacle for Sensor, Motion Sensor with Optional Photocell, Rotatable Optics



Astro

Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 3,500lm - 11,500lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV, Type V Round, Type V Square, Type V Rectangular

Options: Dimming, Hi-Lo Switching, GFCI, House Side Shield, Twist-Lock Receptacle for Sensor, Photocell, Rotatable Optics



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Selux Dark Sky

Arca LED

Product Specifications

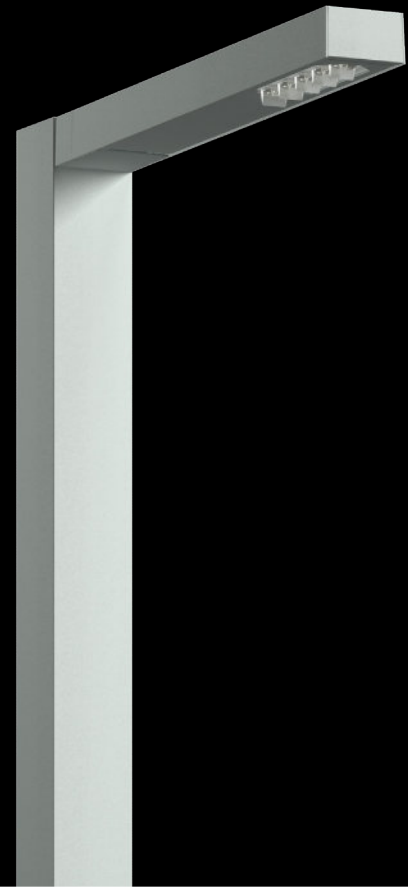
Light Engine: Gen5; 80+ CRI

Output: 2,400lm - 10,000lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning;

Distributions: Type I, Type II, Type III, Type III Wide, Type IV,
Type V Round, Type V Square, Type V Rectangular

Options: Dimming, GFCI, House Side Shield, Twist-Lock
Receptacle, Photocell



Maria Reed Elementary School, Washington, D.C.
Photo courtesy of Joseph Romeo Photography





Olivio LED

Product Specifications

Light Engine: Recessed COB; 80+ CRI

Output: 500lm - 5,000lm Nominal

CCT: 3000K, 4000K, RGBW (Grande Only); 3 Step-Binning

Distributions: 9° Spot, 44° Medium Flood, 78° Flood, Asymmetric

Lens Options: Horizontal Spread Lens, Vertical Spread Lens, Micro
Honeycomb Louver, Color Filter

Options: Dimming, Hi-Lo Switching, GFCI, Dark Sky 0° Tilt, Solar



Beta Pendant LED

Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 3,500lm - 11,000lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV,
Type V Round, Type V Square, Type V Rectangular

Options: Dimming, Hi-Lo Switching, GFCI, House Side Shield,
Photocell Tenon, Motion Sensor with Optional
Photocell, Rotatable Optics



Beta Lantern LED

Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 3,500lm - 11,000lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV,
Type V Round, Type V Square, Type V Rectangular

Options: Dimming, Hi-Lo Switching, GFCI, House Side Shield,
Photocell Tenon, Motion Sensor with Optional
Photocell, Rotatable Optics



Discera LED



Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 3,000lm - 13,500lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV, Type V Round

Options: Dimming, House Side Shield, Hi-Low Switching, 7-Pin NEMA Socket, Twist Lock Photocell, GFCI, Bird Spikes, Motion Sensor

Arc LED & Arc Mini LED



Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 3,500lm - 21,00lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV, Type V Round, Type V Square, Type V Rectangular

Options: Dimming, Hi-Lo Switching, GFCI, House Side Shield, Twist-Lock Receptacle for Sensor, Photocell, Motion Sensor with Optional Photocell, Rotatable Optics

Inula Column

Product Specifications

Light Engine: Spread Optics; 80+ CRI

Output: 1,000lm - 13,000lm Nominal

CCT: Amber, 2700K, 3000K, 4000K; 3-Step Binning

Distributions: IQ, 2Q90, 2Q180, 3Q, 4QS, 4QD

(Stackable Light Engines)

Options: Dimming, Hi-Lo Switching, GFCI, Emergency

Battery Pack, Lower Power Option, Photocell, Motion

Sensor with Optional Photocell



Rhinebeck, CO

Photo courtesy of James Brigagliano



Exelia Gen5 Column

Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 3,000lm - 10,000lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV,
Type V Round, Type V Square, Type V Rectangular

Options: Dimming, Hi-Lo Switching, GFCI, House Side Shield,
Vibration Dampener, Photocell, Motion Sensor,
Rotatable Optics



Inula Bollard

Product Specifications

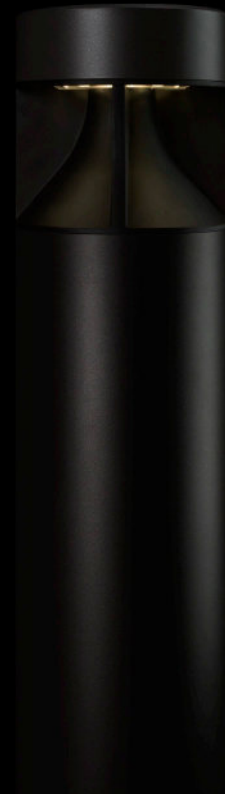
Light Engine: Spread Optics; 80+ CRI

Output: 500lm - 2,300lm Nominal

CCT: Amber, 2700K, 3000K, 4000K; 3-Step Binning

Distributions: IQ, 2Q90, 2Q90MU, 2Q180, 3Q, 4QS, 4QD

Options: Dimming, Hi-Lo Switching, GFCI, Emergency Battery Pack, Lower Power Option, High Power Option, Photocell



Summit Sky Ranch, Silverthorne, CO

Photo courtesy of Sam Koerbel





Discera Catenary

Product Specifications

Light Engine: Gen5; 80+ CRI

Output: 3,000lm - 13,500lm Nominal

CCT: 2700K, 3000K, 4000K; 3-Step Binning

Distributions: Type I, Type II, Type III, Type III Wide, Type IV,
Type V Round

Options: Dimming, House Side Shield, Hi-Low Switching

