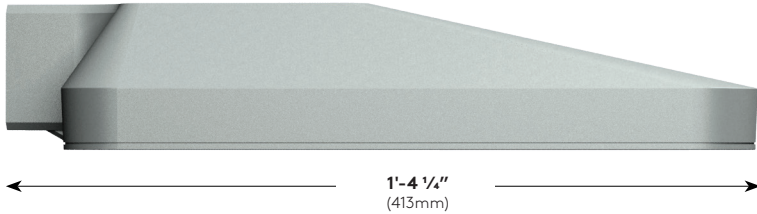


O U R A Y™

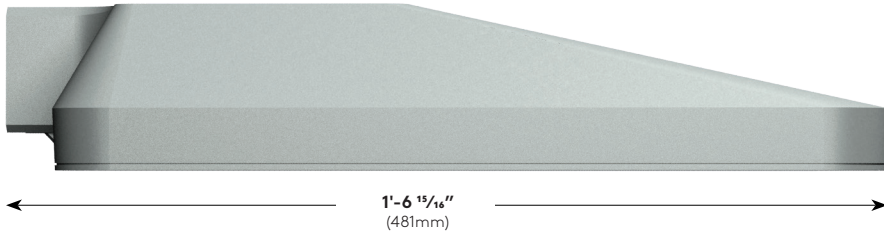
Application Guide

selux

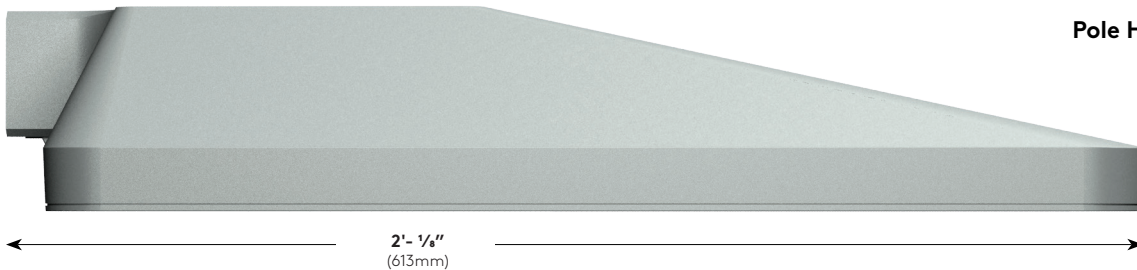
Ouray™ 400



Ouray™ 500



Ouray™ 600



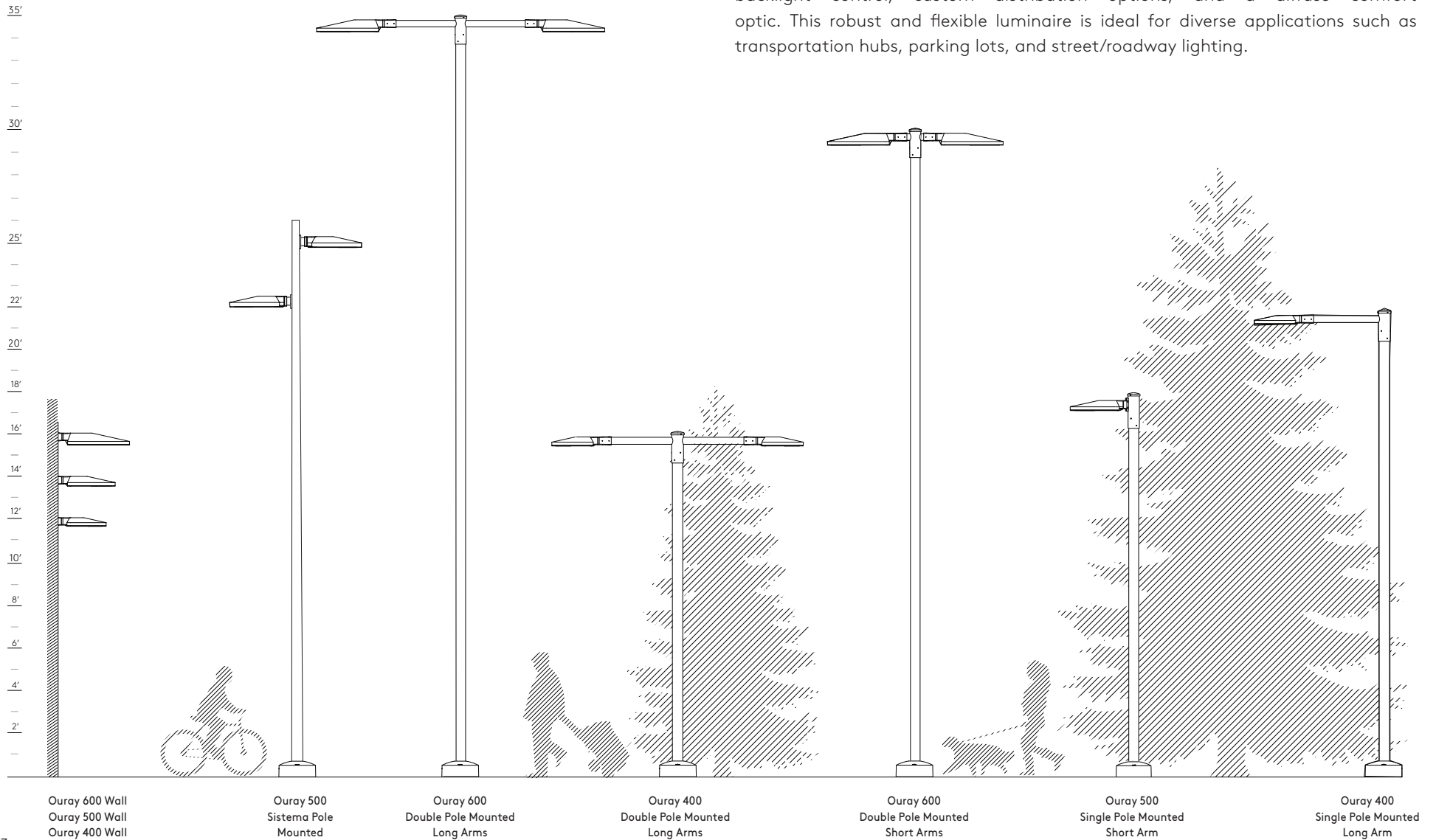
Product Specifications

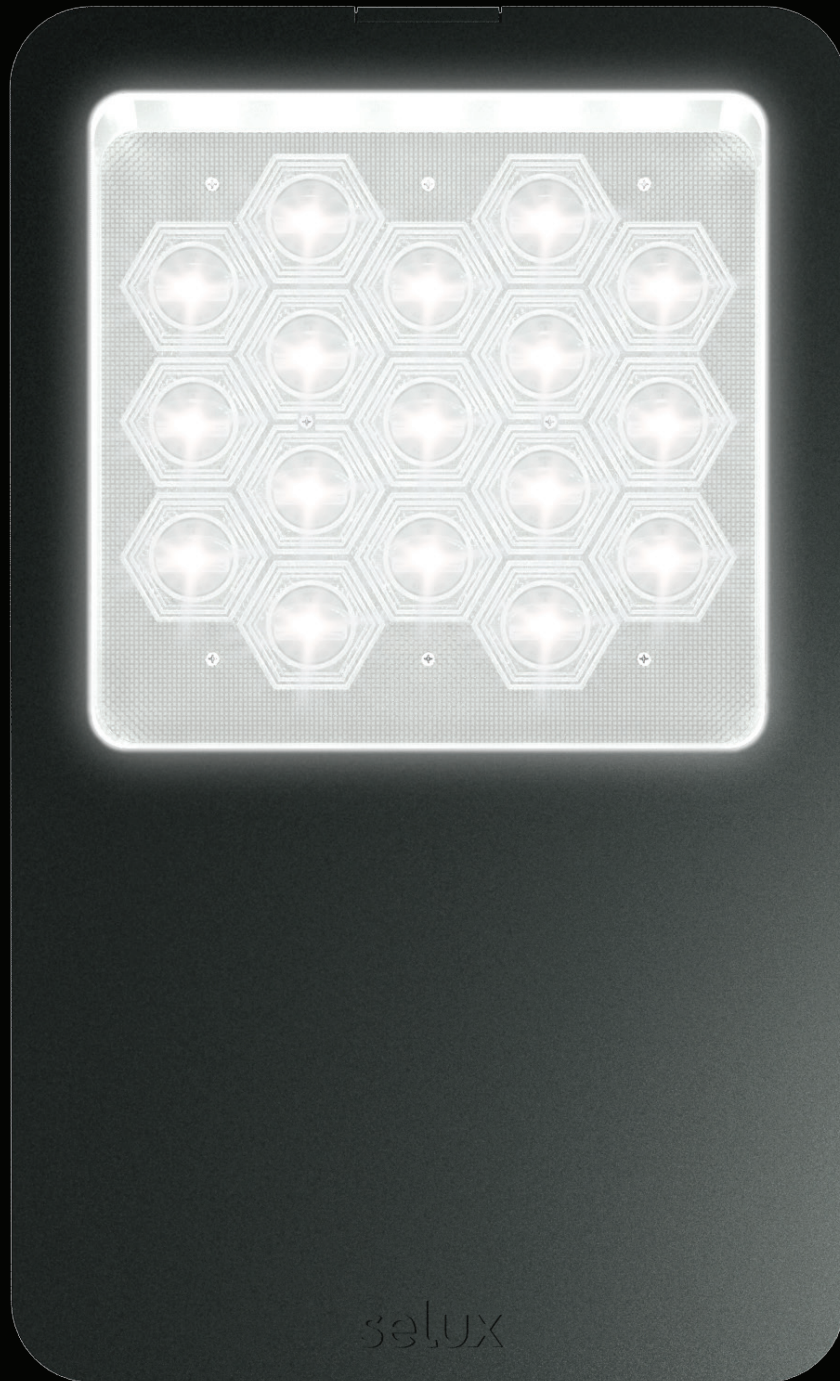
- Mounting:** **Pole Mounting:** Single or Double Short or Long Arm
Sistema Pole Mounting: Single or Double Short or Long Arm
Wall Mount: Short or Long Arm
Mounting Accessories: Adjustable Swivel or Tilt Arm
- Light Engine:** Gen5 (high flux LEDs)
- Output** **Ouray 400:** 1,400lm - 6,900lm
Ouray 500: 4,800lm - 22,000lm
Ouray 600: 8,700lm - 38,000lm
- Optics** **Max Comfort:** Type I · Type II · Type III · Type III Wide · Type IV · Type V (Round, Square, Rectangular) · Plane Projector
Max Spacing: Type II · Type III · Type IV
- CCT/CRI:** 2700K · 3000K · 3500K · 4000K · 5000K; 80CRI
- Options:** Dimming 0-10V · Photocell · Tempered Glass · House-side Shield · Comfort and Plane Projector Optics · 7-Pin NEMA Receptacle · Integral Motion Sensor
- Pole Height:** Round or Square Pole: 8ft - 35ft

A family of luminaires

for various applications

Ouray™ is a versatile exterior luminaire available in three sizes - 400 (small), 500 (medium), and 600 (large). Built on the proprietary Gen5 light engine platform, Ouray™ offers a full range of optical distributions with backlight control, custom distribution options, and a diffuse comfort optic. This robust and flexible luminaire is ideal for diverse applications such as transportation hubs, parking lots, and street/roadway lighting.





Performance Gen5 Optics

Max Comfort and Max Spacing

Selux proprietary Gen5 Max Comfort and Gen5 Max Spacing optics, made of silicone, are integrated into many exterior Selux products. This unique design expands distribution options, increases lumen output, and provides a comfortable visual experience.

Distributions for unique applications and requirements

Maximum fixture spacing

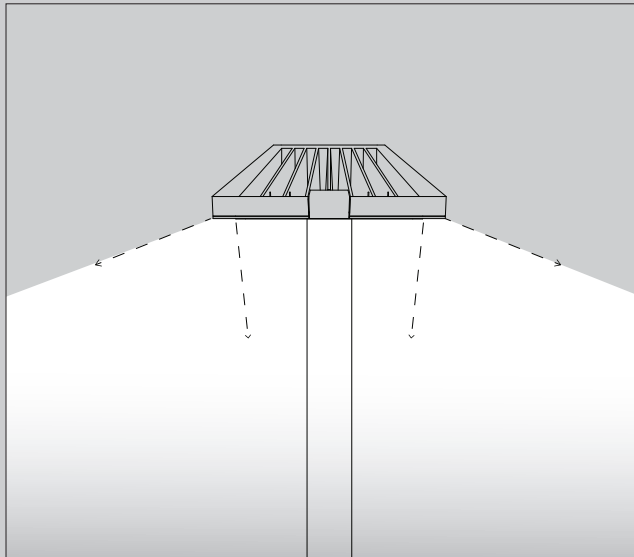
Collection system to spread brightness and reduce glare

Backlight control available

Gen5 Optics

Distributions and lumen outputs to meet the requirements of your specific application

Max Comfort



TYPICAL APPLICATIONS

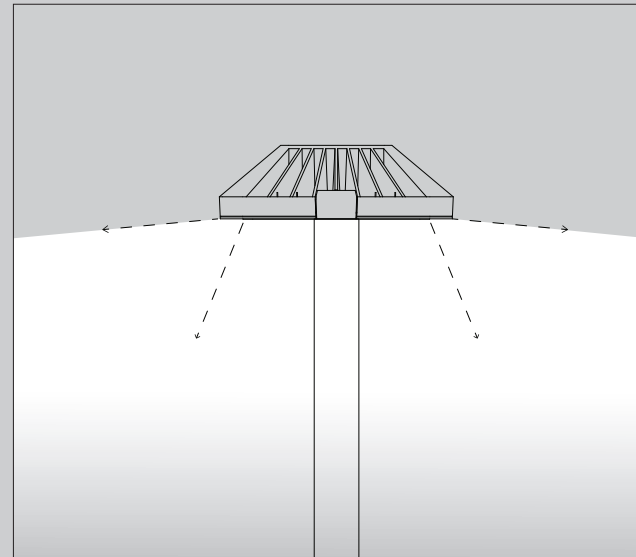
Pathways

DarkSky Sensitive Areas

Plazas

Facades

Max Spacing



TYPICAL APPLICATIONS

Local Roads

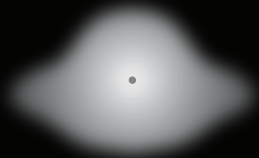
Parking Lots

Arenas

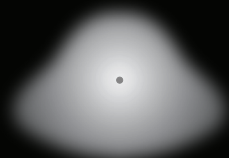
Metros/Transportation Hubs

Gen5 **Max Comfort** Distributions

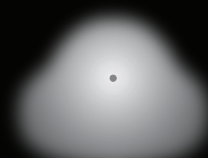
Custom distributions are possible - consult factory



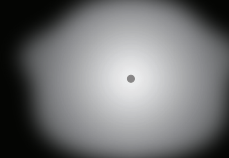
Type I



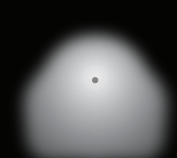
Type II



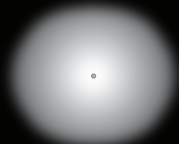
Type III



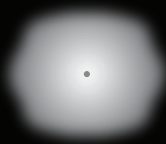
Type III Wide



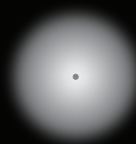
Type IV



Type V Rectangle



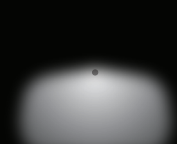
Type VQ Square



Type VR Round

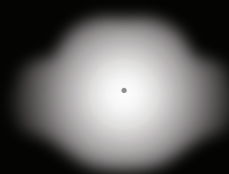


Plane Projector



Type IV
House-side Shield
(Only available with Type I, II, IV
Comfort and Max Spacing)

Gen5 **Max Spacing** Distributions



Type II



Type III



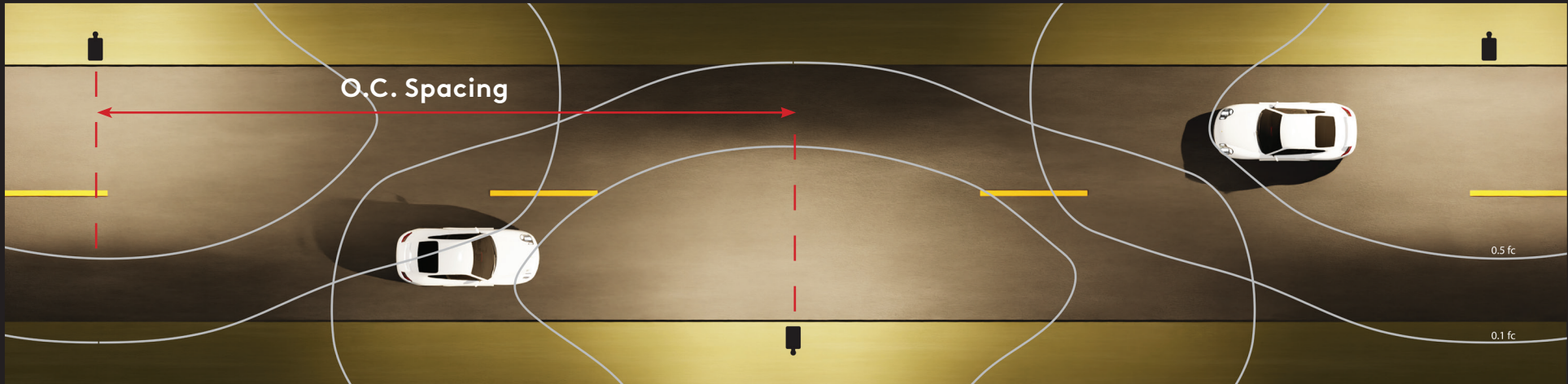
Type IV

Getting the most out of your
outdoor lighting design
hinges on placement

25%

INCREASED POLE SPACING
with Max Spacing Optics





Approximate O.C. Spacing for Roadway Applications				
Series	Wattage	Mtg Height	Distribution	~ O.C. Spacing
U4	28W	12'	Type II MS	50'
U4	28W	12'	Type III MS	71'
U4	28W	14'	Type II MS	82'
U4	28W	14'	Type III MS	76'
U4	58W	16'	Type II MS	103'
U4	58W	16'	Type III MS	103'
U4	58W	18'	Type II MS	118'
U4	58W	18'	Type III MS	117'
U5	68W	16'	Type II MS	88'
U5	68W	16'	Type III MS	96'
U5	68W	18'	Type II MS	112'
U5	68W	18'	Type III MS	118'
U5	136W	20'	Type II MS	127'
U5	136W	20'	Type III MS	129'
U5	136W	22'	Type II MS	149'
U5	136W	22'	Type III MS	144'
U6	116W	20'	Type II MS	122'
U6	116W	20'	Type III MS	128'
U6	116W	24'	Type II MS	157'
U6	116W	24'	Type III MS	152'
U6	230W	28'	Type II MS	183'
U6	230W	28'	Type III MS	178'
U6	230W	30'	Type II MS	205'
U6	230W	30'	Type III MS	193'

Spacing between light fixtures

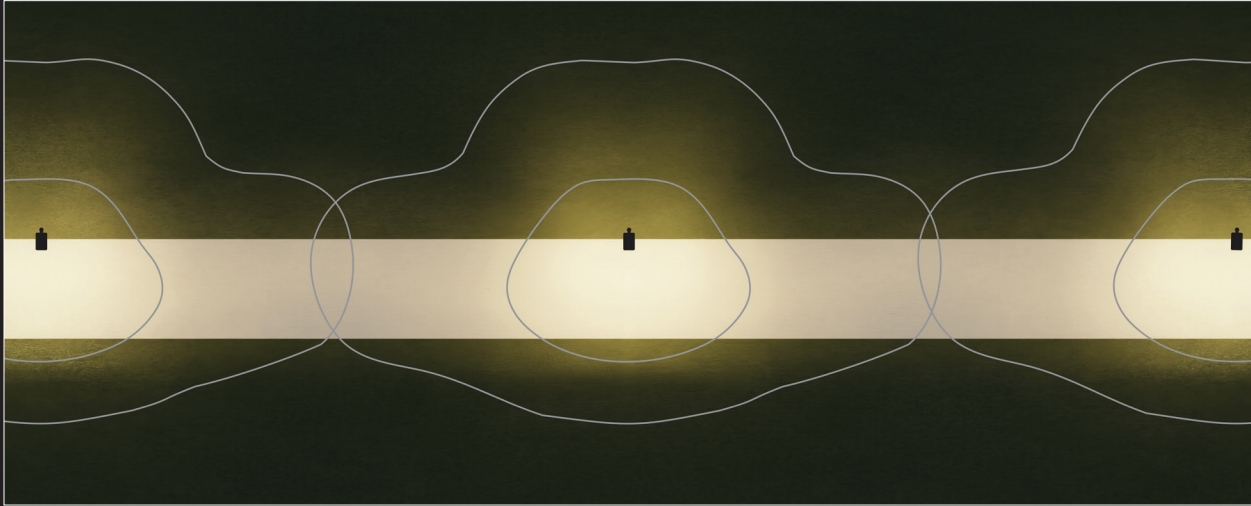
is crucial for your application

Illuminating roadways and parking lots can be a complex challenge. A critical factor is determining the appropriate spacing between light fixtures for the specific application. The goal is to achieve a uniform, well-lit area that meets the lighting requirements, without any dimmer or brighter sections. The required light distribution pattern will depend on the application - a residential street needs a different setup compared to a busy commercial street.

*Based on roadway widths, 20' (U4 Series), 25' (U5 Series) and 30' (U6 Series) with R1 Roadway Surface. O.C. spacing is optimized to meet luminance criteria per Table 11-1 Lighting Design Criteria for Streets from IES RP-8-22. The target average luminance and uniformity ratio used is for a Local Street Classification (Lavg: 0.3 and Lavg/Lmin: 6.0)

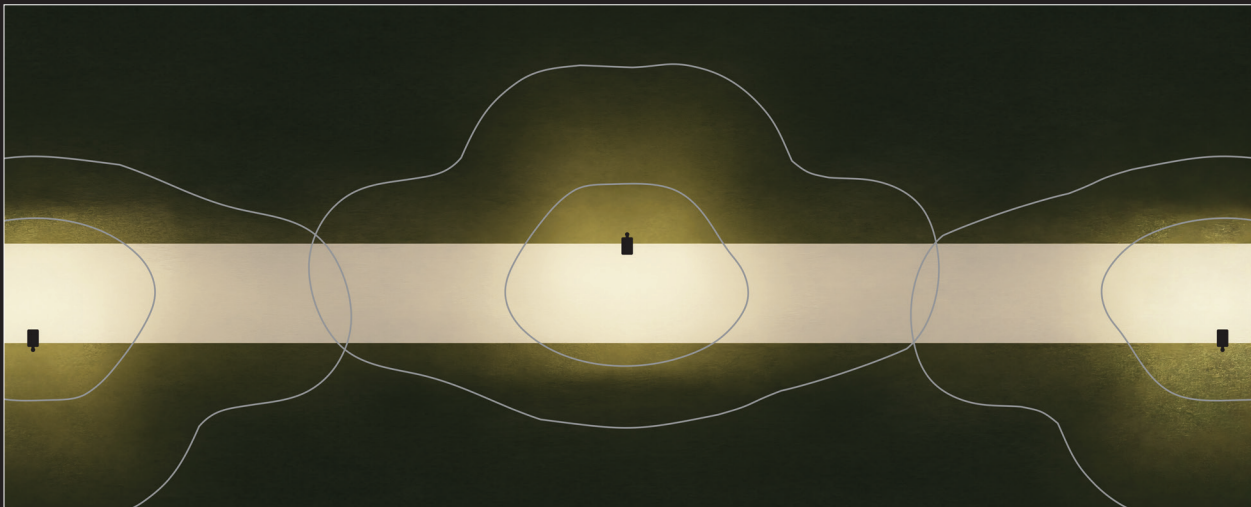
Minimize fixture quantity while maximizing uniformity

with the Ouray Max Spacing Optics



Suggested O.C. Spacing for Single-Side Arrangement

Series	Wattage	Mtg Height	Distribution	~ O.C. Spacing
U4	19W	12'	Type II MS	72'
U4	58W	16'	Type II MS	100'



Suggested O.C. Spacing for Staggered Arrangement

Series	Wattage	Mtg Height	Distribution	~ O.C. Spacing
U4	19W	12'	Type II MS	72'
U4	58W	16'	Type II MS	95'

*Calculations based on 12' pathway width; target average illuminance of 1fc and avg/min illuminance ratio of 4:1

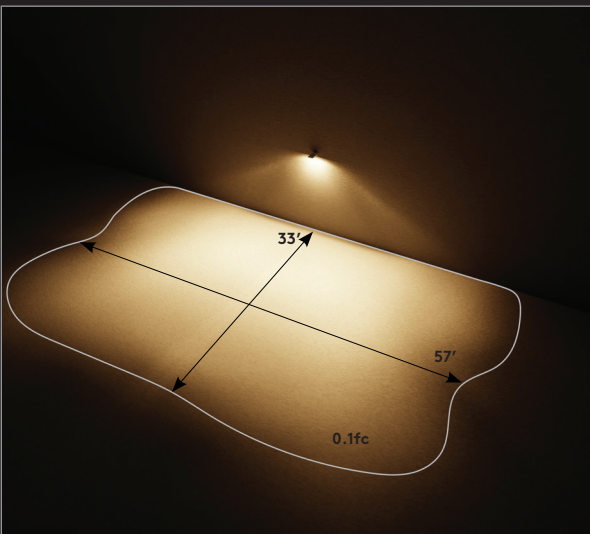
A luminaire for many applications

Parking, roadways, uplighting, and security

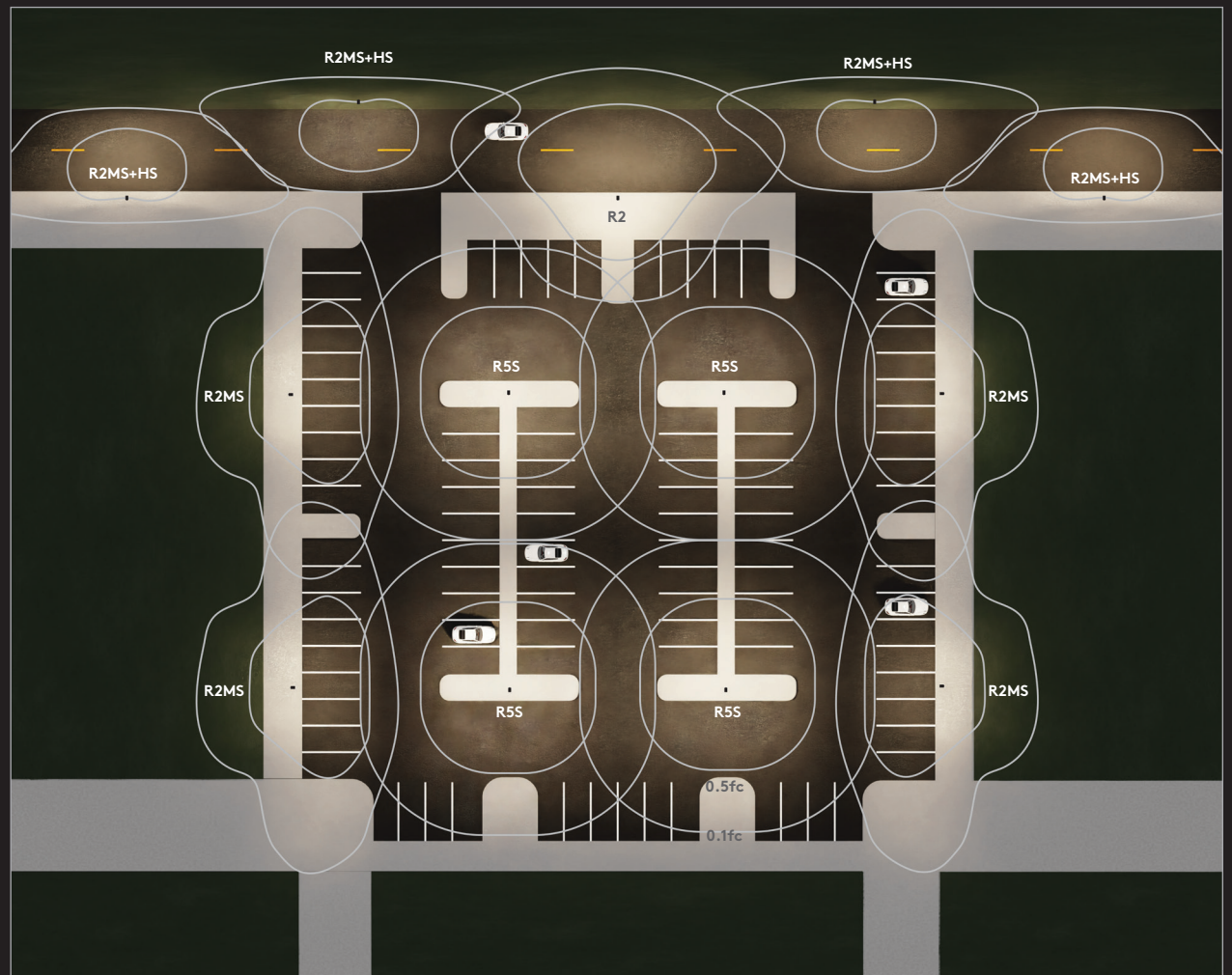
Wall mounted Ouray™ with plane projector optics for uplighting



Wall mounted Ouray™ with house-side shield



Strategically uplighting canopies and structures, evenly illuminating parking lots and roadways, and mounting lights on the building's walls can enhance security.





DarkSky Approved

Ouray is a DarkSky approved luminaire that meets electrical safety standards and guidelines for reducing light pollution. When Ouray is in the fixed down position it is fully shielded with no light above the horizontal plane and in a correlated color temperature (CCT) of 3000K and warmer.

For specific catalog codes to verify Commercial and Pedestrian DarkSky compliance, refer to the DarkSky Approved Ouray sheet on the website.



Certified by DarkSky.org



LOW GLARE

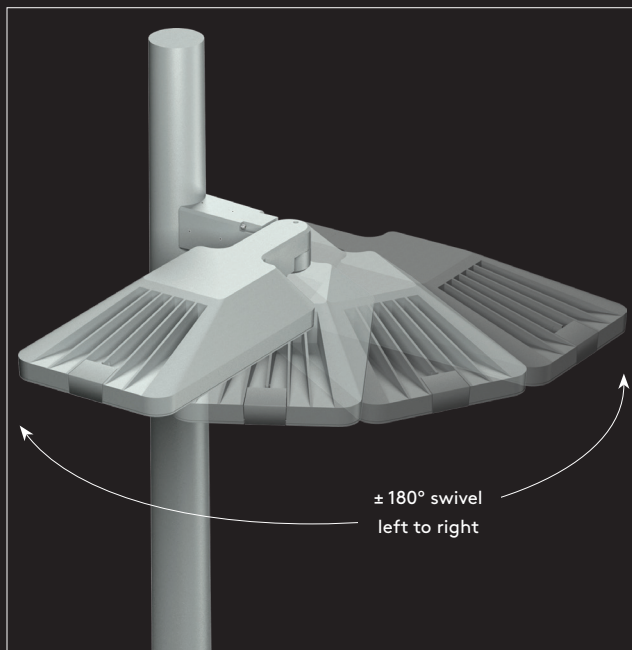
optical distributions

enabling maximum spacing

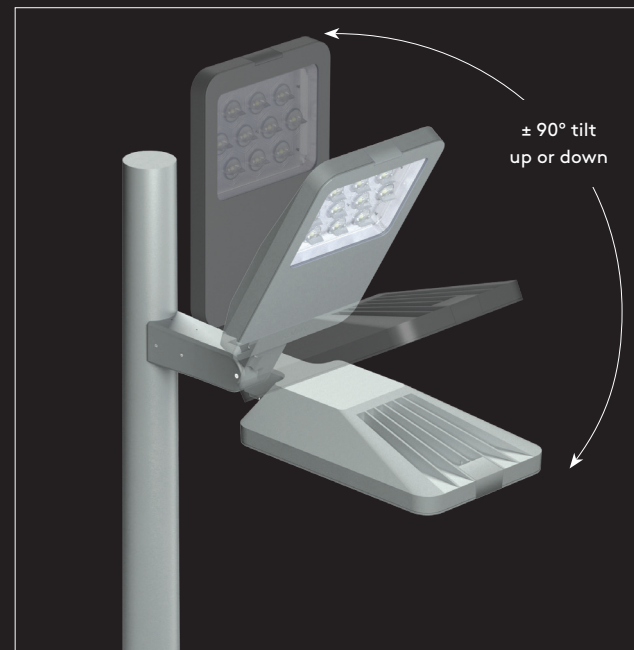
Increase pole spacing while maintaining excellent uniformity ratios. Use a house-side shield when backlight reduction is required.

With extensive mounting options,
Ouray is ready to adapt to any situation

Adjustable Swivel Arm



Adjustable Tilt Arm





Ease of Maintenance saves money, reduces labor costs, and extends system longevity

Ouray's streamlined installation process minimizes labor time, resulting in significant cost savings and less disruption to daily business activities.

The extruded aluminum latch allows for toolless access to the LED board and driver, facilitating easier field

service. With captive hardware, you can easily remove the driver if needed for maintenance, and the LED board can be replaced independently of the other electrical parts.



Performance in Harsh Environments

Ouray™ is constructed with marine-grade aluminum that has low copper content, a UV-resistant one-piece silicone gasket, and a Tiger Drylac® certified powder coat finish. It has an IP65 rating and IK10 impact-resistance, making it suitable for high wind areas and other harsh environments. The electrical components can withstand ambient temperatures ranging from -40°C to +40°C.

IK10

IP65

Marine-Grade Aluminum

UV Resistant Silicone Gaskets

Tiger Drylac® Certified Powder Coat Finish

COMFORT
FEATURE TO
SHIELD LED

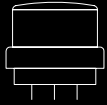
TWISTLOCK
PHOTOCELL

TEMPERED
GLASS

MOTION
SENSORS

GFCI
RECEPTACLE OR
USB PORT





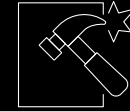
Photocell

The twist-lock photocell conserves energy and improves safety and security by automatically turning lights on when it gets dark. It also saves on energy by turning off at dawn when extra light is unnecessary.



Comfort Optics

The comfort feature option places a diffuser film over LED groups which refracts and adds some diffusion to soften the appearance of the light engine at night.



Tempered Glass

Tempered glass is the preferred choice in applications requiring exceptional strength, safety, and thermal resistance. Compared to standard annealed glass, tempered glass offers significantly greater strength, thermal shock resistance, and overall safety.



GFCI

The outdoor GFCI duplex receptacle is intended for portable tools and equipment when attended by personnel. It is weatherproof with its self-closing cover - for use with or without padlock.



USB & Duplex Receptacle

The outdoor GFCI receptacle with USB charging port is intended for portable tools and equipment when attended by personnel. The USB charging port allows convenient charging of smart phones or other low voltage electronics.



Motion Sensor

Allowing the light to be controlled by a motion sensor cuts down on the amount of wasted electricity. With motion sensor, the lights will only be on when someone is using the area. This makes sound economic sense, and is more environmentally friendly. Ouray offers a variety of motion sensor options.

Ouray™

Commitment to Product Transparency

Declare is a platform to share and find healthy building products. Manufacturers willingly disclose product information that can be found on the Declare labels. These labels are then accessible on a free and searchable database used by prominent designers, real estate owners and home owners, to specify products they know they can trust and that meet the requirements of leading green building standards, including Core Green Building, LBC, LEED, and WELL Certification.

Declare has positively changed the materials marketplace to enable the creation of buildings that support human and environmental health and has made it extremely easy to facilitate and simplify the exchange of information.



LIVING FUTURE
CORPORATE MEMBER

Selux is also proud to be Living Future Corporate Member. With this credential, Selux is recognized for its proficiency in the world's more ambitious, advanced, and holistic sustainable design standards.

With these credentials, you can count on Ouray as a product you can trust.

Declare.

Ouray Selux Corporation

Final Assembly: Highland, New York, USA
Life Expectancy: 5+ Year(s)
End of Life Options: Recyclable (90%), Landfill (10%)

Ingredients:

Aluminum alloy, Al,Zn, dross; Aluminum; Aluminum; LED Driver¹; RTV silicone rubber; Acryl- und Methacrylmodifizierte Polydimethylsiloxane, mittlere Molmassen 1200 bis 15000 g/mol, Restgehalte an Acrylsäure und Octamethylcyclotetrasiloxan < 0,1 %; 2,2-Bis(4-hydroxyphenyl)propane polycarbonate SRU; Stainless Steel; Copper; Nylon 6/6; LED Driver, Surge Protector¹; Brass; Carbonic acid, polymer with 4,4'-(1-methylethylidene)bis[phenol]; Glass, oxide, chemicals; Copper, [I-[carbonato(2-)-O;O]]dihydroxydi-

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria: Compliant

I-13 Red List:

LBC Red List Free % Disclosed: 100% at 100ppm
 LBC Red List Approved VOC Content: Not Applicable
 Declared

I-10 Interior Performance: Not Applicable

I-14 Responsible Sourcing: Not Applicable

SLX-0005
EXP. 01 MAR 2026
Original Issue Date: 2025

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Selux Metal Finishes

Tiger Drylac® powder-coated finishes are available in five standard colors. Ouray is also available in Premium Colors from the Selux RAL book, or custom colors on a project-specific basis.

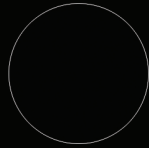
WH - White



BK - Black



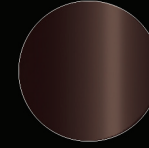
BL - Semi-Matte Black



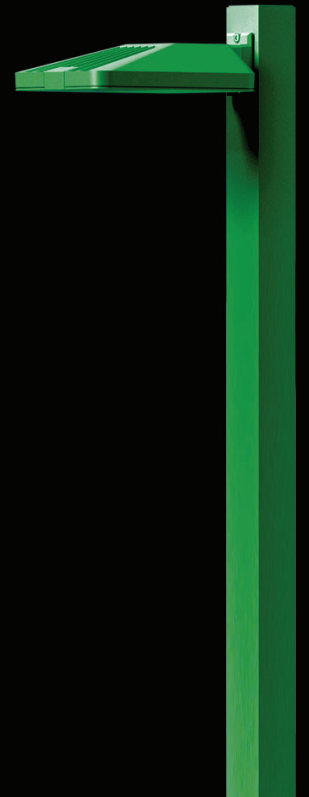
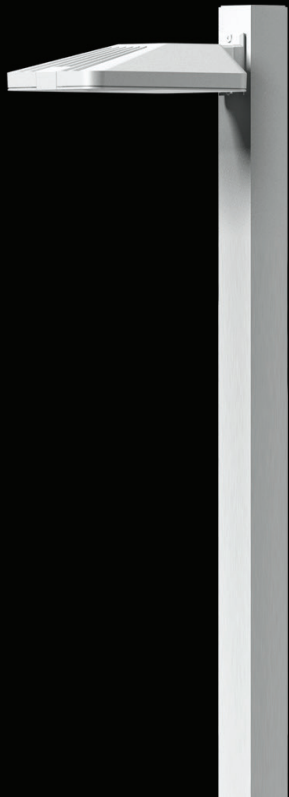
SV - Silver



BZ - Bronze



SP - Premium Color



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www.selux.us

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Selux Corporation

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Selux Corporation
www.selux.us

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February 20, 2025 8:46 AM