

WARRANTY & AFTER SERVICES

After-Sales Services

1. Free Warranty Period: 36 months.

Exclude exterior products (24 months). (Lamp is not included. Warranty period of lamp will be according to the lamp manufacturer. Warranty period will be half, if the product is used more than 20 hours per day). For the electrical parts (ballast etc.), only if it is being used in the rated voltage, the warranty period will be 36 months after the purchase date. The date on receipt will be the purchase date. If there is no document that specifies the date of purchase, the production date will become the purchase date (If products have failures under warranty though utilized according to the instruction manual and precautions on the body label, they will be repaired or replaced for free with equivalent type of product at that time.

2. Repairs after Warranty Period:

For product which is out of warranty period or being out of order due to improper use, charged repair is available, the actual amount will be charged case by case.

GENERAL SAFETY INSTRUCTIONS

Operating Environment and Conditions

1. Follow the installation and instruction manuals when mounting and using fixtures. Improper mounting or use may cause fires, electric shocks, dropping, etc.
2. Do not use fixtures with any power voltages other than that indicated (rated voltage $\pm 5\%$). Otherwise, it may cause fires and electric shocks.
3. Do not use fixtures in any environments other than that with ambient temperature of 10~30°C and humidity of 45%~85%. If a temperature or a humidity exceeds those ranges, that may cause fires, dropping, discoloration, deformation, and unusual lighting quality.
4. Do not use fixtures in places affected by vibration, impact, dust, corrosive gas, and flammable gas. Otherwise, it may cause fires, electing shocks, dropping, etc.
5. Do not use fixtures for special purposes such as for transport, medical care, photo shooting, and signal lamps. Otherwise, it may cause accidents and dropping due to fires electric shocks and noise. Please select the suitable products for your purpose.
6. We offer fixtures for general indoor use, outdoor use, and humid surroundings. Please select fixtures which should be suitable for that place to use. Otherwise, it may cause fires, electric shock, dropping, etc.
7. Some fixtures need to be mounted in a specific place or direction. Usage in unspecified place or direction may cause fires, electric shocks, dropping, etc.

Guideline for Use

1. Some fixtures have a limitation on distance between fixtures and illuminated surfaces. Please keep a safe distance according to indications on fixtures and the instruction manual. If lighting distance is closer than the limitation that may cause fires, deformation and discoloration due to burning of the illuminated object.
2. Do not use any lamp other than that specified in indications on body of fixture, the instruction manual, etc. Improper selection of lamps may cause fires and unusual lighting quality.
3. Do not cover fixtures and lamps with a cloth, paper, etc. Otherwise, it may cause fires, deformation and discoloration.
4. Do not insert metal into clearance or heat sink. Such acts may cause electric shocks or failure.

Questions and Consultation

For any questions or consultation regarding repairs, contact the dealer you purchased products.

Note for Purchase

For product improvement, the specifications, appearance, are subject to change without prior notice.

Mounting / Installation

1. The installation of fixtures requires special electric construction by qualified constructor or electrical worker. Electrical construction by people other than experts is prohibited by law. Such an act may cause fires, electric shock, etc.
2. Make sure that a place to mount a fixture can support the weight of the fixture. Insufficient strength may cause fires electric shocks, and dropping.
3. Do not mount fixtures close to fire or high heat source. If fixtures are mounted too close to them, it may cause fire, dropping or unusual lighting quality.
4. Do not mount fixtures near air outlets of air-conditioning units. Vibration and sudden changes in temperature and in humidity may cause dropping or unusual lighting quality.
5. If the mounting surface is uneven, please take proper care for waterproof. Insufficient waterproof property may cause eclectic shocks and unusual lighting quality due to entering of water or humidity.
6. Do not convert fixtures or add / replace parts.

Maintenance / Inspection

1. Please make sure to have maintenance and inspection while you are using. The service life of fixture depends on the using conditions, please replace the fixtures after a reasonable time period. It is recommended to have maintenance and inspection every 6 months.
2. Before performing fixtures maintenance or lamp replacement, please make sure that the power is turned off.
3. Do not touch lamps or fixtures while lighting or immediately after turned off, since they are extremely hot.
4. Install covers and globes according to indications on fixtures and the instruction manual.

KOIZUMI



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eX-Pro

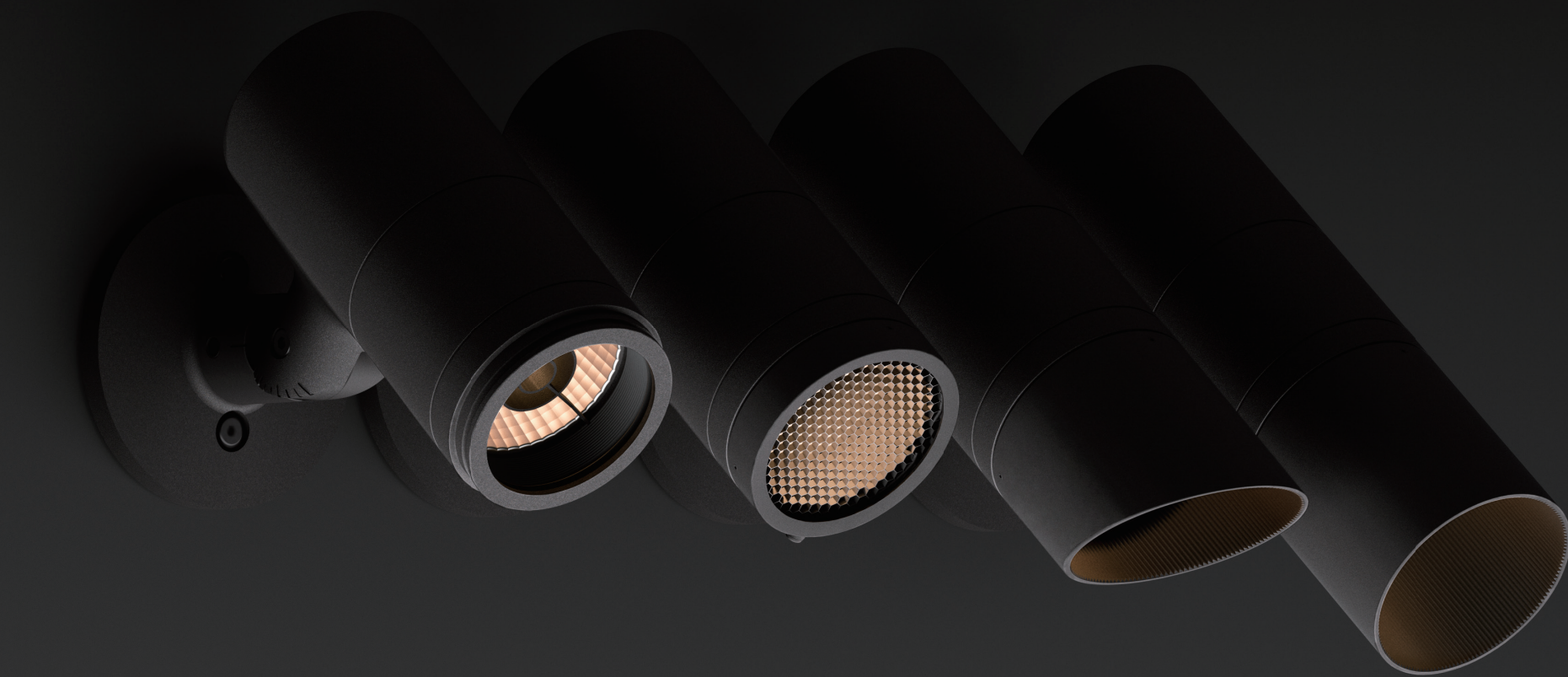
Outdoor Spotlight Series

GLOBAL COMPATIBILITY

Beautiful Light Distribution for Outdoor

eX-Pro is a professional outdoor spotlight that enhances day and night landscapes with an unprecedented level of beam elegance and refined styling which conventional outdoor spotlights could not achieve.

With stable beam control ranging from narrow to ultra-wide angles, it vividly highlights architecture and exterior features. Through its sophisticated light expression, eX-Pro brings new value to outdoor spaces.



Refined Styling + Global Compatibility = For Every Landscape

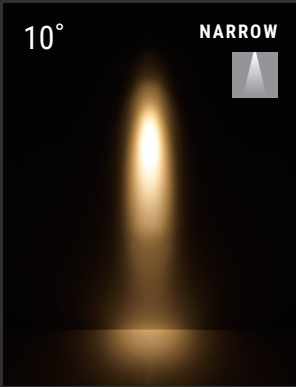
eX-Pro harmonizes with its surroundings while bringing refined elegance and a sense of premium ambience.

Its meticulously detailed, minimalist form blends seamlessly into the landscape during the day, keeping the fixture itself unobtrusive. At night, it emerges together with the light, adding a distinct accent to the space.

With a globally compatible design, it can be confidently introduced into diverse projects around the world, enhancing the beauty of any landscape while integrating naturally with its environment.

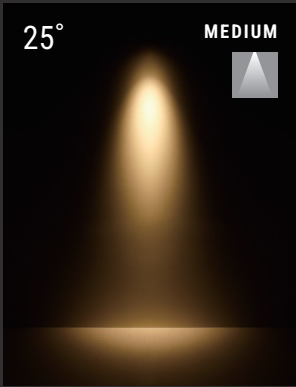
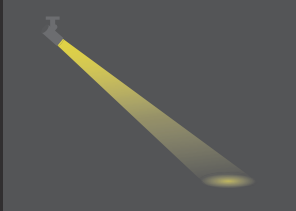
Light Distribution

Beautiful beam distribution is achieved from narrow to ultra-wide angles, enabling precise lighting execution for every application.



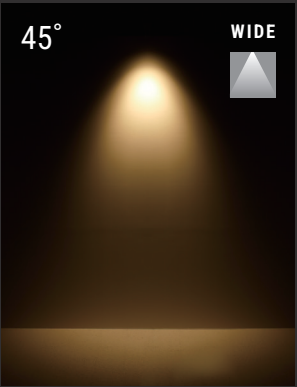
Long-Range Area Illumination

Advanced precision optical design achieves sharp narrow beam distribution without flare (unwanted light spillage). This enables pinpoint illumination of specific areas from extended distances.



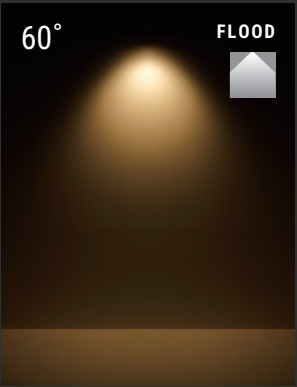
Side Lighting for Trees, Illumination for Conifers

A spot beam that combines high central intensity with a 20-degree spread. Even tall conifer trees can be highlighted with striking illumination.



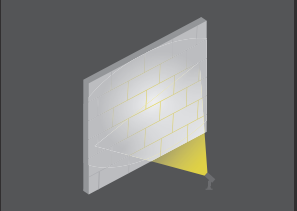
Bottom-up tree illumination, Broadleaf tree lighting

With a wide-angle beam, it can illuminate the entirety of broadleaf trees from a short distance. When combined with a short arm, it is also recommended for sign lighting.



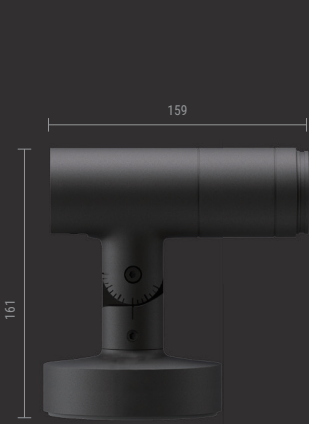
Uniform Wall Illumination from Close Range

With its high-precision optical design, it delivers a flat, ultra-wide beam with no unevenness, enabling walls to be illuminated with high uniformity even from close range.



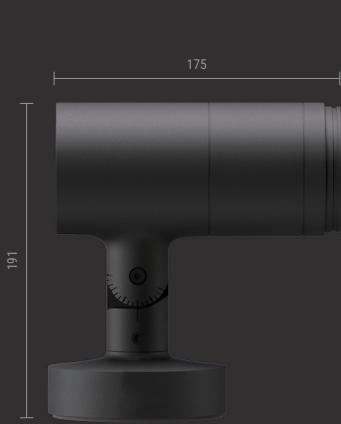
Product Variations

Available in 3 sizes with different power ranges. The series features a timeless, simple cylindrical design that works in any environment. Lens and hood options integrate seamlessly within the same cylinder housing.



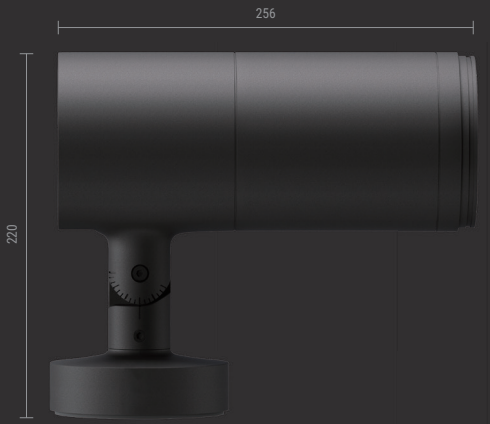
S

Φ55 TYPE
· 350lm class



M

Φ82 TYPE
· 1000lm class
· 600lm class



L

Φ110 TYPE
· 4000lm class
· 3000lm class
· 2000lm class

*M : The fixture length varies depending on the control method
(Non-dimming / Phase: 175 mm, DALI: 214 mm)

DALI Control for Outdoor

Certified to DALI-2 :

Outdoor spotlights with DALI control are included in the lineup, enabling easy operation of individual control, group control, and dimming/color tuning. They can adapt to a wide variety of scenes. In addition, their environmental durability has been thoroughly refined to withstand harsh outdoor conditions, ensuring excellent performance in any environment.

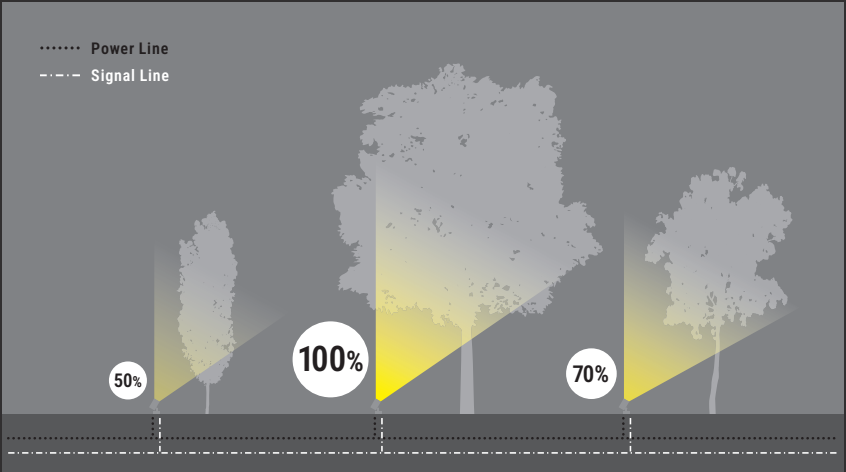
Tunable Control (L size / M size)

DALI specification fixtures enable individual brightness and color temperature adjustment for each unit. You can change color temperature seasonally to match plant foliage, harmonize with illumination color schemes, and create high-quality lighting environments.



Individual Control

DALI specification fixtures combine the reliability of hardwired connections with individual addressing capabilities within a single signal circuit. This enables finely tuned lighting control, such as harmonizing with natural light at different times of day or adjusting to the growth of plantings.



Power Variations

Available in four types of power supplies for optimal selection.

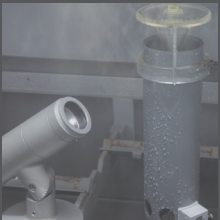
	on-off	0-10V	DALI	DALI Tunable White
L Size	○	○	○	○
M Size	○	○	○	○
S Size	○	—	—	—

Environmental Resistance Performance

The fixtures are engineered for reliable use even under harsh outdoor conditions. They have passed rigorous standard tests designed for both domestic and international applications, ensuring safe and dependable performance.

SALT RESISTANCE

*Heavy-duty salt resistance level (within 0.2 km from the coastline) available as a custom option.



With thoroughly refined coating and material specifications, the fixtures are designed with salt-resistant performance suitable for use in coastal areas and port facilities. A salt-resistance level (0.2–20 km from the coastline) is provided as the standard specification.

IP65 Dust and Water Resistance



Designed with an IP65 protection rating to prevent failures caused by water immersion. In addition to superior waterproof performance, the breather valve design prevents condensation that commonly occurs during low-level installations.

IK08 Impact Resistance



Enhanced durability against sudden high-impact forces achieves IK08 impact protection rating. Safe for use even in exposed outdoor locations.



Line Up



Surface Mount

A highly versatile mounting method. Suitable for installation not only on ceilings and walls but also on low poles.



Flat Plate

A mounting method that creates seamless integration with wall surfaces. Architectural design form that harmonizes with building structures.



Arm Spot

When paired with medium or wide beam angles, it can illuminate signboards of various sizes.



Spike

Creates dimensional effects by illuminating plants from bottom to top.



Ground Plate

Even on surfaces where spikes cannot be inserted, spotlights can be installed and used with a direct-mount plate.



Pole Mount

Pole Mount allows multiple fixtures to be installed on a single pole, enabling combinations of different beam angles and providing versatile lighting options tailored to various applications.



Tree Band

Tree Band can be mounted on trees, providing illumination without disrupting the landscape.

Color Variations



Sand



Green



Rusted Iron

We offer color designs that harmonize with the surrounding natural environment.

*Custom specifications available.

eX-Pro

L

IP65

Φ110 Outdoor Spotlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Ra > 90

CE

CCC

Ordering Code Example

US014 – 2510

B

90

30

–

SM

–

0

DM10

DMDA

TWDA

Option

on-off

0-10V

DALI

DALI Tunable White

Colour

B : Black

S : Silver

CRI

Ra > 90

CCT

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

Type

SM : Surface Mount

FP : Flat Plate

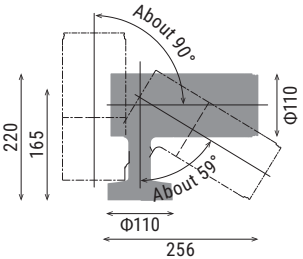
SP : Spike

GP : Ground Plate

AS : Arm Spot

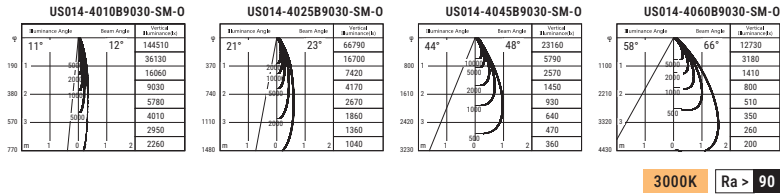
PM : Pole Mount

TB : Tree Band

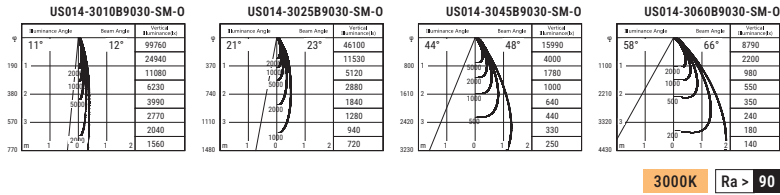


Specifications	
Body	Aluminum
Total weight	2.4kg
With power supply unit (AC220-240V)	
O	on-off
DM10	0-10V
DMDA	DALI
TWDA	DALI Tunable White

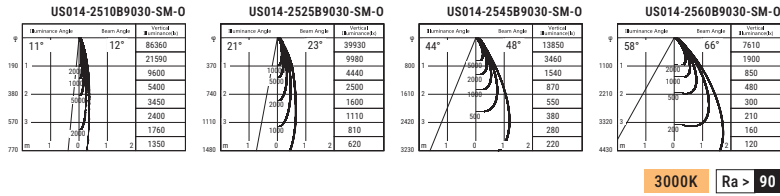
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
US014 -				27	30	35	40
Lumen Output (Fixture)							
4010 B 90 xx - SM - O	40.0W	10°	Ra > 90	2264	2383	2574	2562
4025 B 90 xx - SM - O		25°		3412	3592	3879	3861
4045 B 90 xx - SM - O		45°		3420	3600	3888	3870
4060 B 90 xx - SM - O		60°		3570	3758	4059	4040



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
US014 -				27	30	35	40
Lumen Output (Fixture)							
3010 B 90 xx - SM - O	30.0W	10°	Ra > 90	1563	1645	1777	1768
3025 B 90 xx - SM - O		25°		2355	2479	2677	2665
3045 B 90 xx - SM - O		45°		2361	2485	2684	2671
3060 B 90 xx - SM - O		60°		2464	2594	2802	2789



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
US014 -				27	30	35	40
Lumen Output (Fixture)							
2510 B 90 xx - SM - O	25.0W	10°	Ra > 90	1353	1424	1538	1531
2525 B 90 xx - SM - O		25°		2040	2147	2319	2308
2545 B 90 xx - SM - O		45°		2044	2152	2324	2313
2560 B 90 xx - SM - O		60°		2134	2246	2426	2414



Type

Surface Mount

SM

Flat Plate

FP

Spike

SP

Ground Plate

GP

Arm Spot

AS

Pole Mount

PM

Coming Soon

TB

Options & Accessories for L size

Series

Size

Colour

Option

Optical Hood

SY036 –

Slash Hood

SY037 –

Optical Short Hood

SY038 –

B

(Black)

S

(Silver)

(non)

– HC (Honeycomb Louver)

– DL (Diffusion Lens)

– SL (Spread Lens)

Honeycomb Louver

Diffusion Lens

Spread Lens

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

eX-Pro

M

IP65

Φ82 Outdoor Spotlight

2700K

3000K

3500K

4000K

Narrow

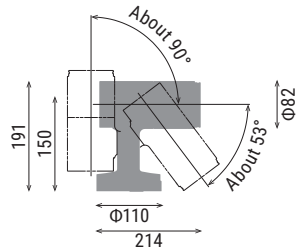
Medium

Flood

Wide Flood

Ra > 90

CECCC



Specifications	
Body	Aluminum
Total weight	1.4kg
With power supply unit (AC220-240V)	
O	on-off
DM10	0-10V
DMDA	DALI
TWDA	DALI Tunable White

Type

Surface Mount
SM

Flat Plate
FP

Spike
SP

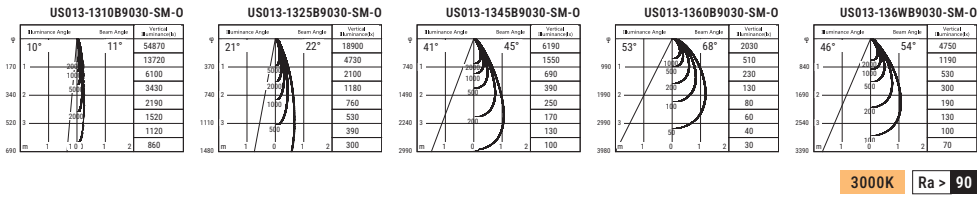
Ground Plate
GP

Arm Spot
AS

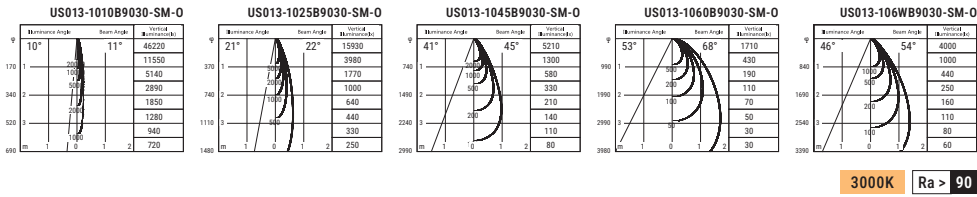
Pole Mount
PM

Coming Soon
TB

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)				
US013 -	13.0W	10°	Ra > 90	27	30	35	40	
				Lumen Output (Fixture)				
				1310 B 90 [xx] - SM - O	572	615	633	664
				1325 B 90 [xx] - SM - O	775	833	858	900
				1345 B 90 [xx] - SM - O	797	857	883	926
				1360 B 90 [xx] - SM - O	630	677	697	731
136 W B 90 [xx] - SM - O		60°		870	936	964	1011	



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)				
US013 -	10.0W	10°	Ra > 90	27	30	35	40	
				Lumen Output (Fixture)				
				1010 B 90 [xx] - SM - O	482	518	534	559
				1025 B 90 [xx] - SM - O	653	702	723	758
				1045 B 90 [xx] - SM - O	671	722	744	780
				1060 B 90 [xx] - SM - O	531	571	588	617
106 W B 90 [xx] - SM - O		60°		734	789	813	852	



Ordering Code Example

US013 – 1010

B

Colour
B : Black
S : Silver

90

CRI
Ra > 90

30

CCT
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

–

SM

Type
SM : Surface Mount
FP : Flat Plate
SP : Spike
GP : Ground Plate

–

0

Option
on - off

DM10

0-10V

DMDA

DALI

TWDA

DALI Tunable White

Options & Accessories for M size

Series	Size	Colour	Ordering Code Example: SY036 - MB - HC	
Option				
Optical Hood			(non)	
		B (Black)	– HC (Honeycomb Louver)	Honeycomb Louver
Slash Hood	M		– DL (Diffusion Lens)	Diffusion Lens
		S (Silver)		
Optical Short Hood			– SL (Spread Lens)	Spread Lens

* For driver size and precise IES file, please contact our sales person.

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eX-Pro

S

IP65

Φ55 Outdoor Spotlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Ra > 90

CECCC

Ordering Code Example

US012 – 0510

B

90

30

–

SM

–0

Colour

CRI

CCT

Type

Type

B : Black
S : Silver

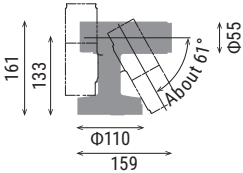
Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SM : Surface Mount
FP : Flat Plate
SP : Spike
GP : Ground Plate

AS : Arm Spot
PM : Pole Mount
TB : Tree Band

on-off



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
US012 -				27	30	35	40
Lumen Output (Fixture)							
0510 B 90 xx - SM - 0	5.0W	10°	Ra > 90	240	250	263	268
0525 B 90 xx - SM - 0		25°		338	352	370	377
0545 B 90 xx - SM - 0		45°		363	378	397	404
0560 B 90 xx - SM - 0		60°		231	241	253	258
056 W B 90 xx - SM - 0		60°		348	362	380	387

US012-0510B9030-SM-O

US012-0525B9030-SM-O

US012-0545B9030-SM-O

US012-0560B9030-SM-O

US012-056WB9030-SM-O

3000K

Ra > 90

Specifications	
Body	Aluminum
Total weight	0.92kg
With power supply unit (AC220-240V)	
0	on-off

Type

Surface Mount
SM

Flat Plate
FP

Spike
SP

Ground Plate
GP

Arm Spot
AS

Pole Mount
PM

Tree Band
TB

Coming
Soon

Options & Accessories for S size

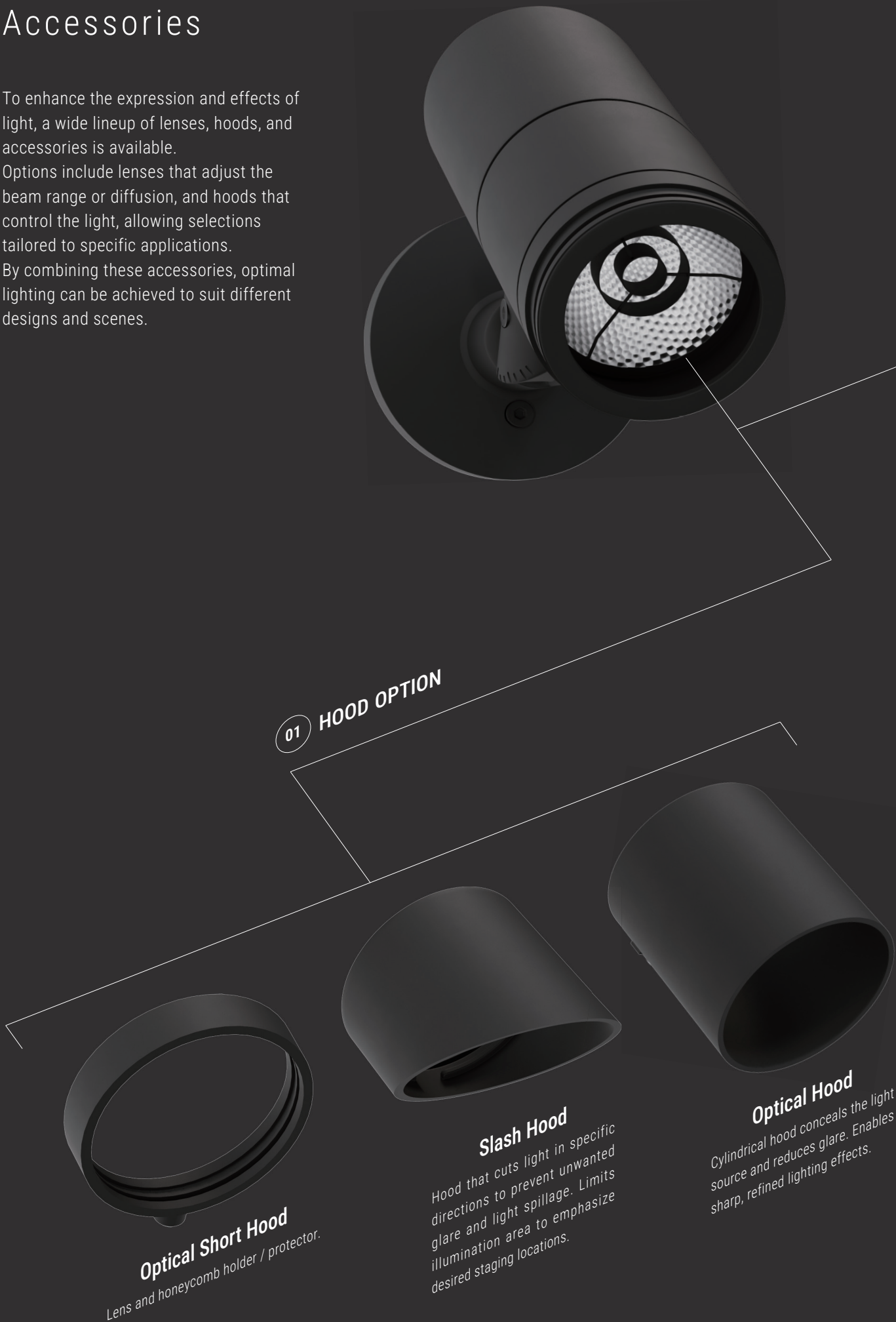
Series	Size	Colour	Ordering Code Example: SY036 - SB - HC	
			Option	
Optical Hood	S	B (Black)	(non)	
			– HC (Honeycomb Louver)	Honeycomb Louver
Slash Hood		S (Silver)	– DL (Diffusion Lens)	Diffusion Lens
Optical Short Hood			– SL (Spread Lens)	Spread Lens

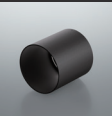
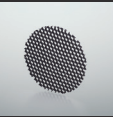
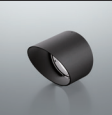
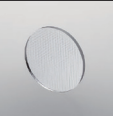
* For driver size and precise IES file, please contact our sales person.

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Accessories

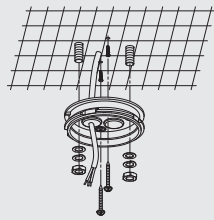
To enhance the expression and effects of light, a wide lineup of lenses, hoods, and accessories is available. Options include lenses that adjust the beam range or diffusion, and hoods that control the light, allowing selections tailored to specific applications. By combining these accessories, optimal lighting can be achieved to suit different designs and scenes.



Series	Size	Colour	Option
 Optical Hood			(non)
	L	B (Black)	– HC (Honeycomb Louver) 
 Slash Hood	M		
	S	S (Silver)	– DL (Diffusion Lens) 
 Optical Short Hood			– SL (Spread Lens) 

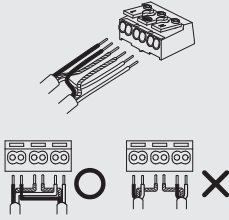
Installation Instruction

Surface Mount



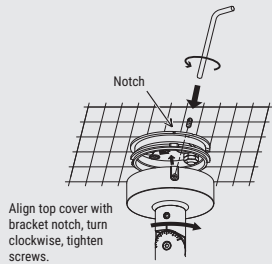
01.

Attach the mounting bracket.



02.

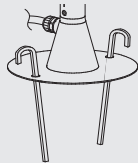
Connect the power wire.



03.

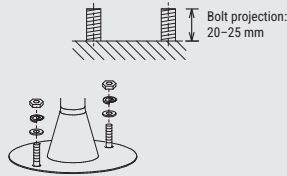
Install the fixture body.

Ground Plate



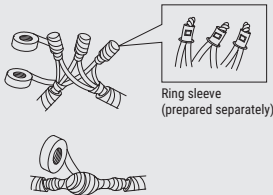
01.

Attach the mounting plate
(for ground installation).



01.

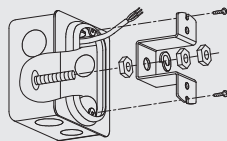
Attach the mounting plate
(for concrete or wood deck installation).



02.

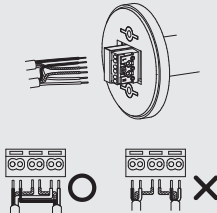
Connect the power wire.

Flat Plate



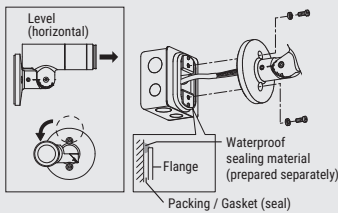
01.

Attach the mounting bracket.



02.

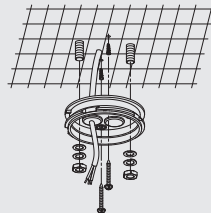
Connect the power wire.



03.

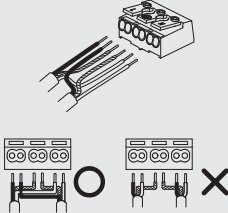
Install the fixture body.

Arm Spot



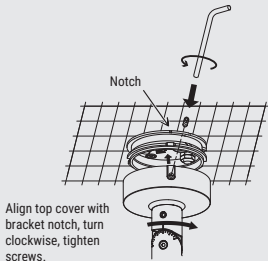
01.

Attach the mounting bracket.



02.

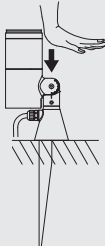
Connect the power wire.



03.

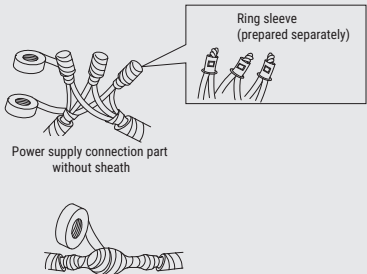
Install the fixture body.

Spike



01.

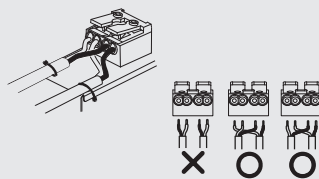
Attach the spike.



02.

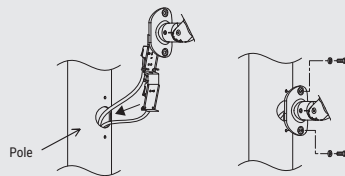
Connect the power wire.

Pole Mount



01.

Connect the signal wires and power wires.



02.

Install on the pole.

IP65 × IK08 = Durable Outdoor Lighting

eX-Pro features a robust design with IP65 dust and water resistance with IK08 impact protection. It safeguards the fixture against dust, rain, and external impacts in outdoor environments, ensuring stable, long-term illumination.



The IP (Ingress Protection) rating is an international standard defined by IEC 60529 and JIS C 0920, indicating the level of dust and water resistance. It is represented by two digits: the first for dust protection and the second for water protection, evaluating how well electrical equipment withstands the intrusion of dust and water.

eX-Pro is rated IP65, providing complete dust protection and high waterproof performance against water jets from any direction. In addition, its breather structure prevents condensation that often occurs when installed at low positions, ensuring stable performance over the long term.



The IK (Impact Kinetic) rating, defined by IEC 62262, is an index of impact resistance that indicates how well a fixture can withstand mechanical shocks from external sources. The higher the value, the greater the impact resistance, serving as a standard for evaluating safety and reliability in public facilities and outdoor environments.

eX-Pro complies with IK08, providing durability to withstand 5 joules of impact (equivalent to a 1.7kg object dropped from 30cm height). This ensures reliable long-term use even in environments prone to external impacts.

1st Number	Protection Against Dust		
IP0	Not protected		
IP1	Solid objects 50mm diameter or larger (such as hands) cannot penetrate inside		Protection against hand contact
IP2	Solid objects 12mm diameter or larger (such as fingers) cannot penetrate inside		Protection against finger contact
IP3	Tools or solid objects 2.5mm diameter or larger cannot penetrate inside		Protection against tool tips
IP4	Wires or solid objects 1.0mm diameter or larger cannot penetrate inside		Protection against wires and similar objects
IP5	Dust that could impair normal operation or compromise safety cannot penetrate inside		Protection against dust
IP6	Complete protection against dust ingress		Complete dust-proof structure

2nd Number	Protection Against Water		
IP0	Not protected		
IP1	Water dripping at 3–5 mm/min for 10 minutes from a height of 200 mm		No harmful effects from vertically falling water drops
IP2	Water dripping at 3–5 mm/min for 10 minutes within a 15° angle from a height of 200 mm		No harmful effects from rainfall at angles up to 15° from vertical
IP3	Water spray at 10 L/min for 10 minutes within a 60° angle from a height of 200 mm		No harmful effects from rainfall at angles up to 60° from vertical
IP4	Water spray at 10 L/min for 10 minutes from all directions at a height of 300–500 mm		No harmful effects from splashing water from any direction
IP5	Water jets at 12.5 L/min, 30 kPa, from all directions at a distance of 3 m for at least 3 minutes		No harmful effects from water jets from any direction.
IP6	Water jets at 100 L/min, 100 kPa, from all directions at a distance of 3 m for 3 minutes		No harmful effects from powerful water jets from any direction
IP7	Immersion in water at a depth of 15 cm to 1 m for 30 minutes		No water ingress when immersed under defined pressure and time conditions
IP8	As specified by agreement between the manufacturer and the operating conditions of the equipment		Suitable for continuous use under water

IK Rating	Energy (J: Joules)	Protection against impact
IK00	No protection	Not protected
IK01	0.14J	
IK02	0.20J	Resistant to impact of 200g dropped from 10cm
IK03	0.35J	Resistant to impact of 200g dropped from 17.5cm
IK04	0.50J	Resistant to impact of 200g dropped from 25cm
IK05	0.70J	Resistant to impact of 200g dropped from 35cm
IK06	1.00J	Resistant to impact of 500g dropped from 20cm
IK07	2.00J	Resistant to impact of 500g dropped from 40cm
IK08	5.00J	Resistant to impact of 1.7kg dropped from 29.5cm
IK09	10.00J	Resistant to impact of 5kg dropped from 20cm
IK10	20.00J	Resistant to impact of 5kg dropped from 40cm

IP65

No harmful effects from water jets from any direction

Complete dust-proof structure