



LEDIUS

Extra-low voltage lighting system
for garden & exterior

— HIGHLY —
AUTHENTIC

QUALITY
FROM JAPAN

LEDIUS

Shine of LED became already a common sense in terms of talking about present lighting. "LED" "I"nspires "US" (our lives, and future). We set the concept word as **LEDIUS**.

5 main elements what the lightings fulfill.

FUNCTIONALITY Lighting that expands the night activity space

BEAUTY Lighting that creates a pleasant aesthetics

SAFETY Lighting that secures visibility and welcomes people

SECURITY Lighting that suppress crimes

VALUE Lighting that creates a new value

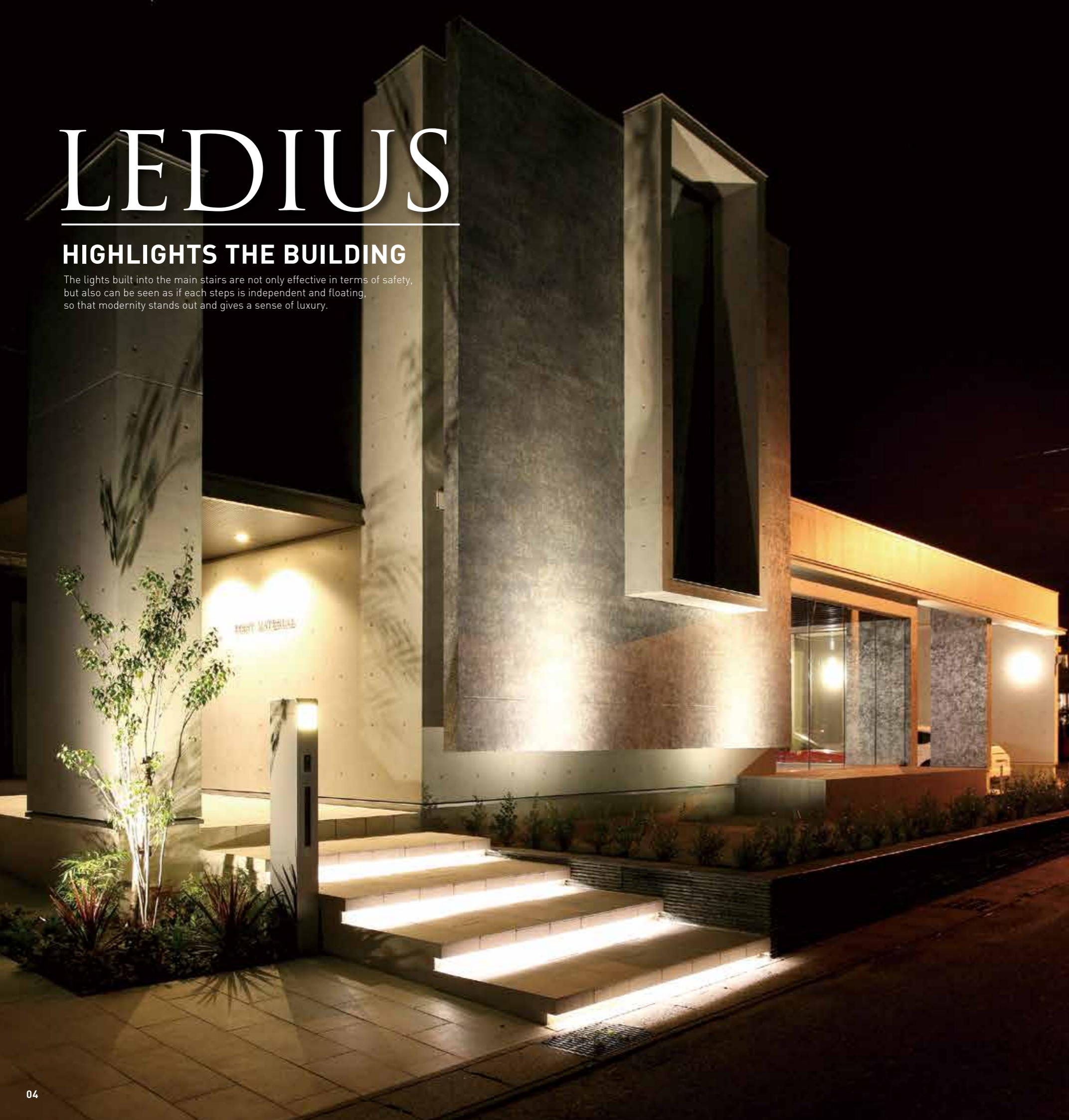
The creation of value



LEDIUS

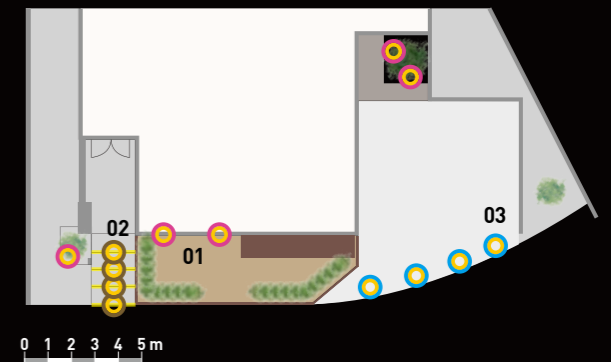
HIGHLIGHTS THE BUILDING

The lights built into the main stairs are not only effective in terms of safety, but also can be seen as if each steps is independent and floating, so that modernity stands out and gives a sense of luxury.



The light source is placed where it can not be seen visually from the road as much as possible, and it is constructed to make the space elegantly. And the spot lighting illuminates the wall to make it look high and draws out its presence.

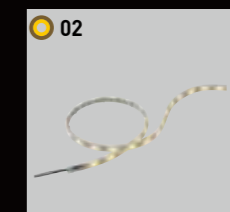
LIGHTING PLAN



LIGHTING PRODUCTS



HBB-D34S
Spot light



HAC-D12T
Flexible LED Bar



HBD-D09S
Inground light

Front yard



LEDIUS : **HAC-D12T** Flexible LED Bar



LEDIUS : **HBB-D61S** Graphic Spotlight water rings theme



LEDIUS : **HBD-D09S** Inground light **HBA-D07S** Wall spot light



LEDIUS : **HBE-D05T** Slit light

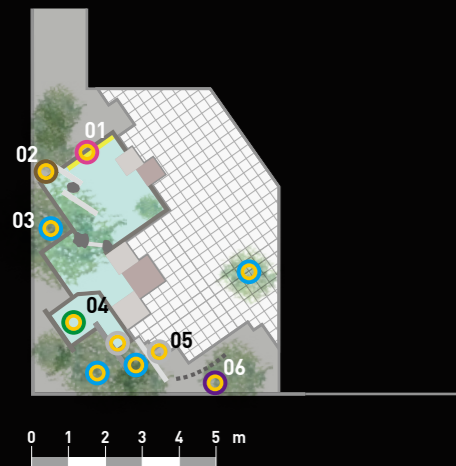


LEDIUS

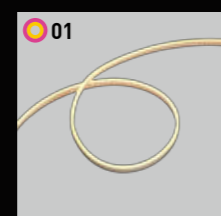
CREATES PEACE AND RELAXATION

The expression of the warm lights and the silhouette of the plants that appear in the dark create a comfortable atmosphere and become a place where nature and people get together.

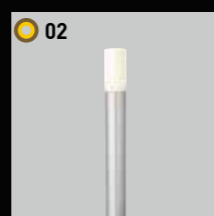
LIGHTING PLAN



LIGHTING PRODUCTS



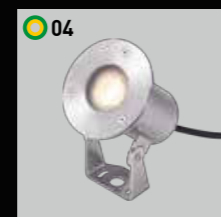
HAC-D27T
Flexible LED Bar



HBC-D40S
Bollard light



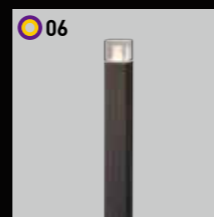
HBB-D17C
Spot light



HHA-D12S
Water light



HBA-D25K
Wall light



HBC-D61P
EVER ART light



The light reflects on the gentle waves of the water surface and it will move to the wall. This is making various expressions in the garden.

Garden



LEDIUS : **HBB-D26G** Spot light **HBD-D08S** Inground light **HHA-D07S** Water light



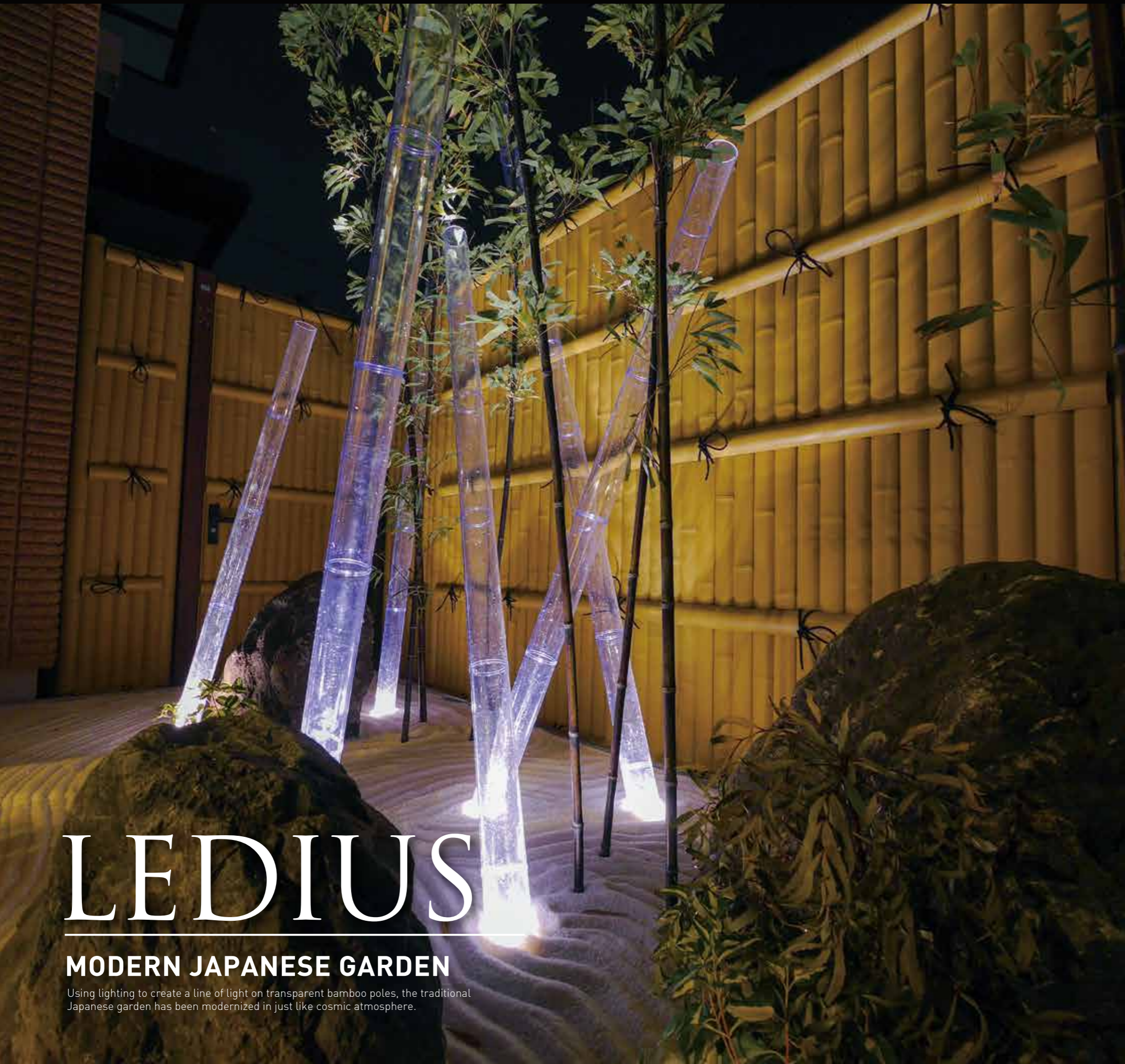
LEDIUS : **HCD-D03G** Down light **HBC-D63P** EVER ART light **HBD-D02S** Inground light



LEDIUS : **HBF-D09H** Decoration light **HBF-D08H** Decoration light **HBB-D03B** Down light



LEDIUS : **HHA-D07S** Water light **HBD-D02S** Inground light



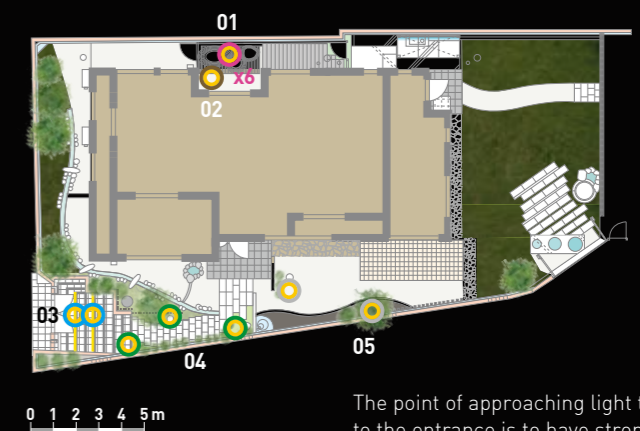
LEDIUS

MODERN JAPANESE GARDEN

Using lighting to create a line of light on transparent bamboo poles, the traditional Japanese garden has been modernized in just like cosmic atmosphere.



LIGHTING PLAN



The point of approaching light that leads to the entrance is to have strong spot light directed to the trees to bring out symbolic brightness. Then designed the street with softer lighting. This strength creates an exquisite balance.

LIGHTING PRODUCTS



LM-J68W
LED module 68



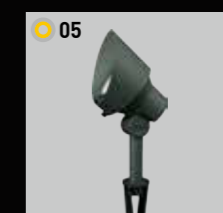
HBC-D47S
Bollard light



HAC-D12T
Flexible LED bar



HGA-D13N
Japanese light



HBB-D17S
Spot light

Japanese garden



LEDIUS : HGB-D02K Japanese light



LEDIUS : HGB-H06B Japanese light HBB-D17S Spot light



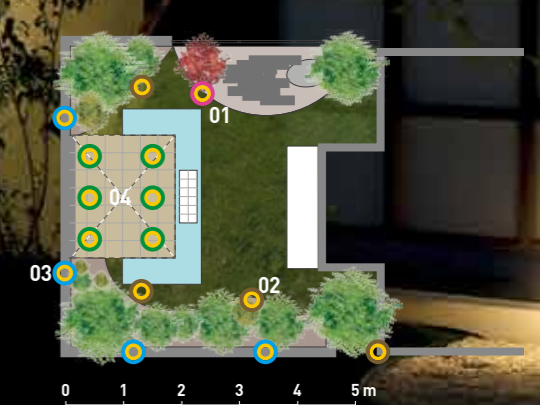
LEDIUS : HGA-Y02K Japanese light



LEDIUS : HGB-D01K Japanese light HBC-D63P EVER ART light HBB-D17S Spot light



LIGHTING PLAN



The light combination from wall, ceiling and also reflection from the water surface, its space gets a fantastic atmosphere.

LEDIUS

GARDEN PHOTO STUDIO

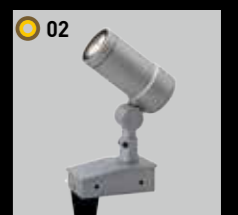
This space was designed as a photo studio for day and night. Because the main pouch is white, it is planned to reduce the amount of lighting illumination power. In addition, because it is a space surrounded by high walls, you can make it a space with gentle lights by using reflection even not so much lightings.



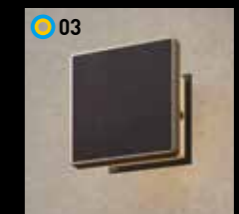
LIGHTING PRODUCTS



HGD-D03K
Japanese light



HBB-D34S
Spot light



HBA-D18K
EVER ART light



HBB-D03G
Ceiling light

Contract



LEDIUS : HBB-D12C Spot light HBB-008D Spot light



LEDIUS : HBB-D12C Spot light HBC-D32C Bollard light



LEDIUS : HBC-D37S Bollard light HBB-D17S Spot light



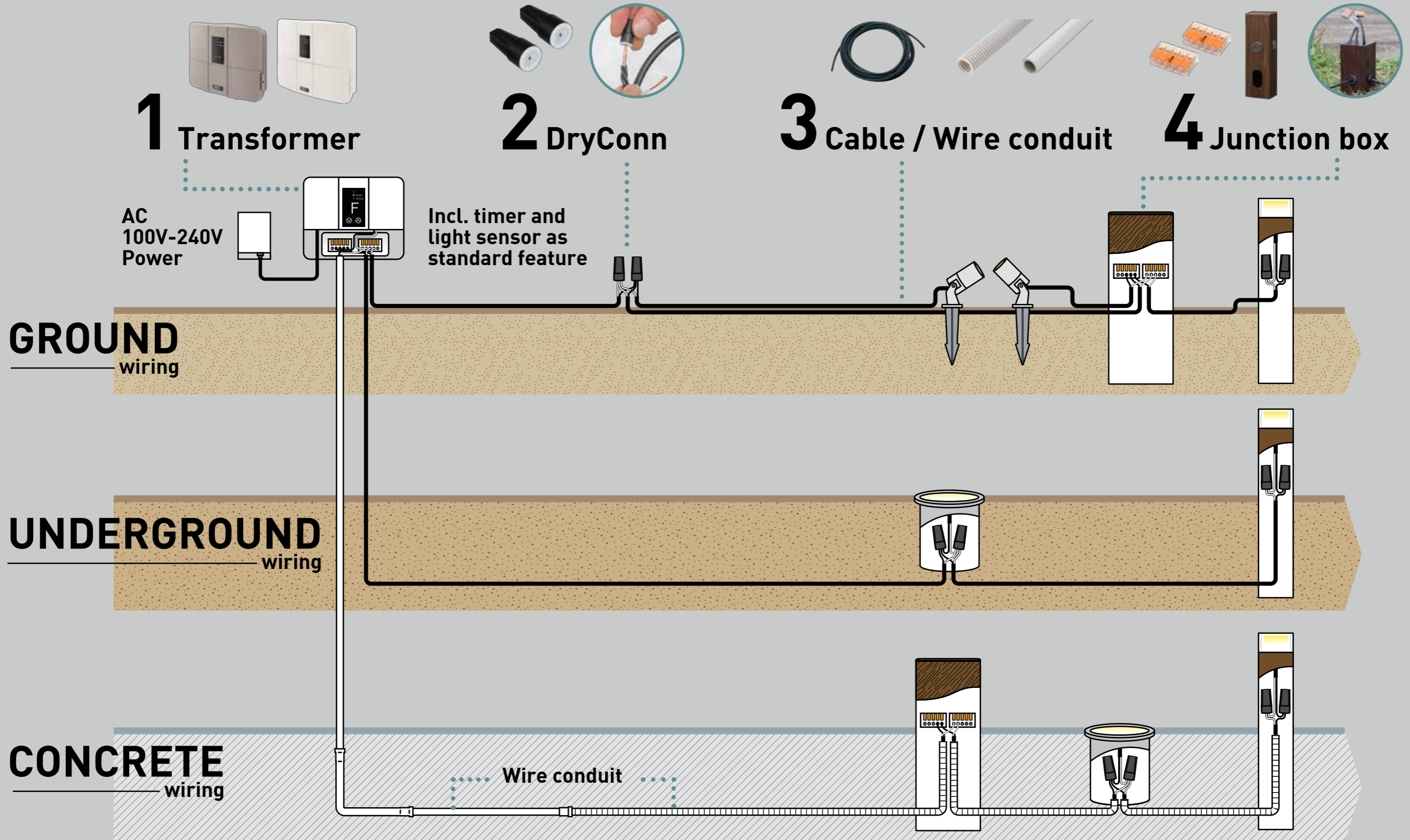
LEDIUS : HBB-D12C Spot light

Just like the stars
that have come
down to the ground,
the beautiful lights
bloom in the hearts
of people.

LEDIUS

EXTRA-LOW VOLTAGE SYSTEM

Easy handling, safe and flexible! All in one with LEDIUS.

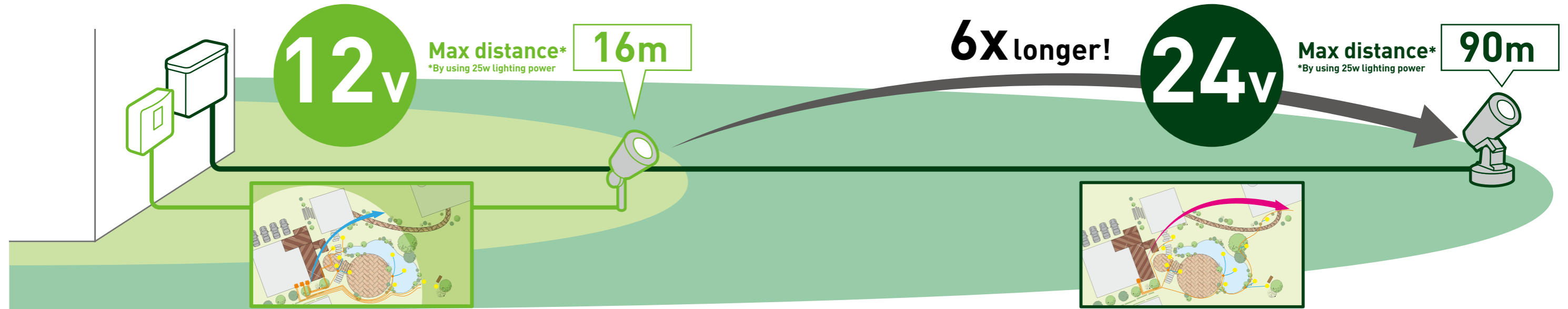


Just like the stars that have come down to the ground, the beautiful lights bloom in the hearts of people.

LEDIUS

EXTRA-LOW VOLTAGE SYSTEM

Easy handling, safe and flexible! All in one with LEDIUS.



12 V: Recommended for small, compact projects

24 V: Recommended for middle to large projects



SYSTEM

TRANSFORMER

Cable

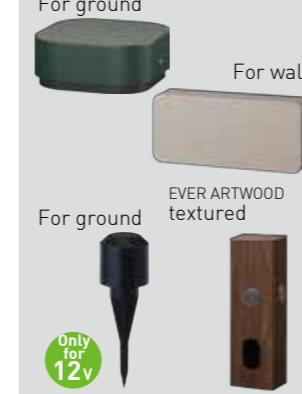
Connector

Junction box

Wire Conduit

Light

24V



12V



Junction boxes, wire conduits and lightings are for 12v&24V both use.

EVER ART LIGHT®

Lights that blend in the landscape.



with Nature



with Color



with Design



Design freely according to the building and exterior.

TEXTURES

Blend with the landscape

HEIGHTS

Suit the size for plants

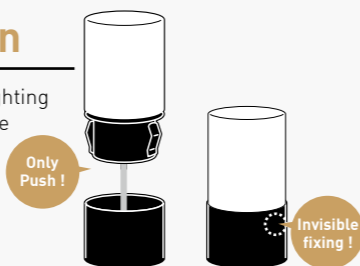
DISTRIBUTIONS

Decide by lighting purpose



Easy construction

The completely waterproofed lighting head is very easy to install on the aluminium column.



EVER ART WOOD material

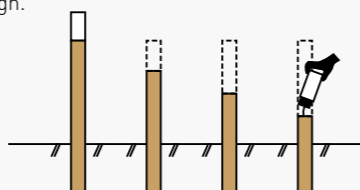
By using the same texture of EVER ARTWOOD, the total coordination of the garden and the exterior can be combined with lighting.

→ See **page 43** for the color variations

53
colors

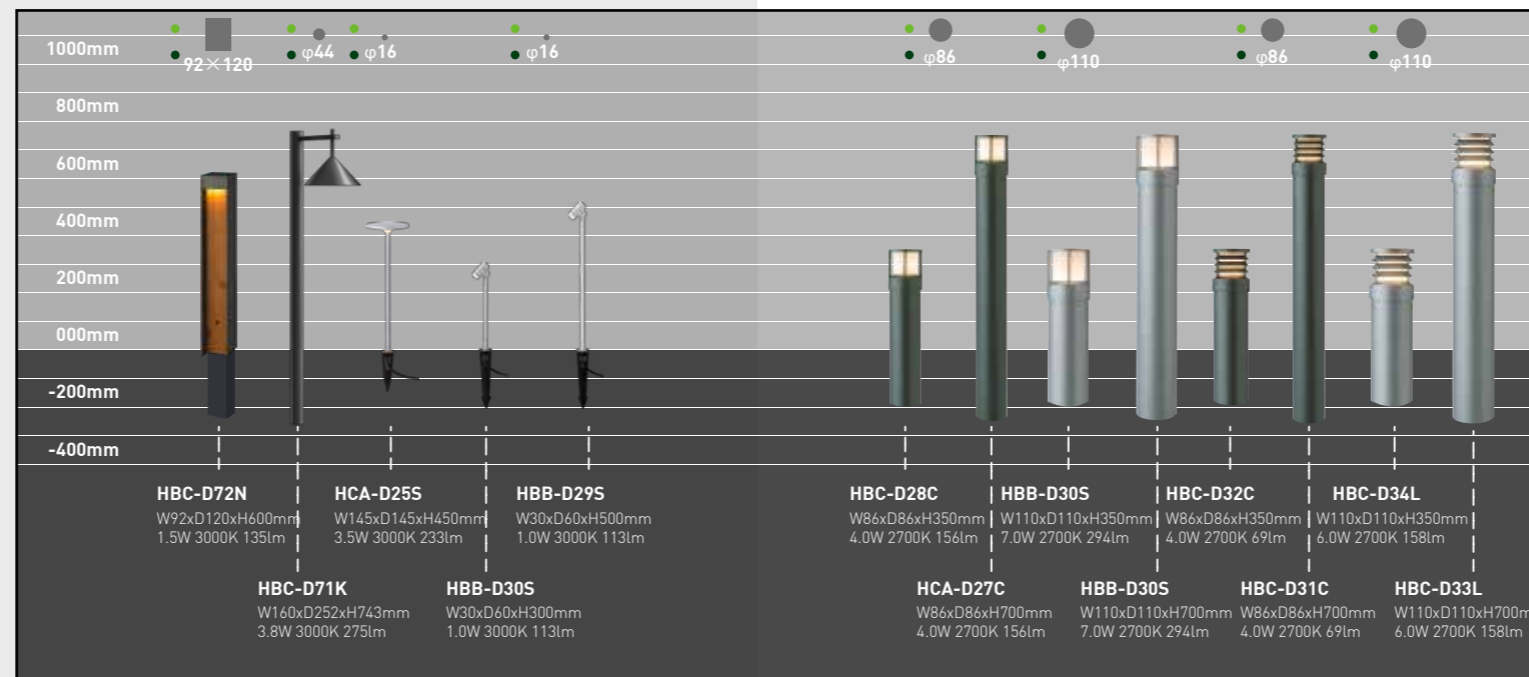
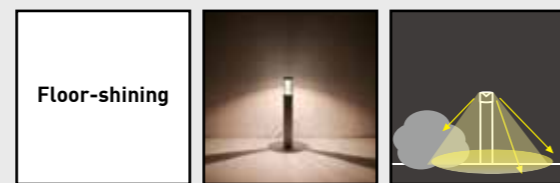
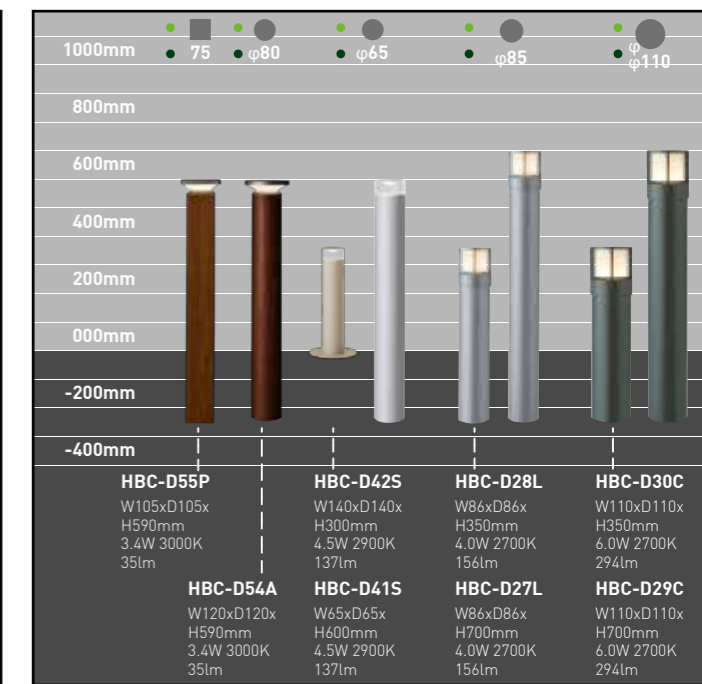
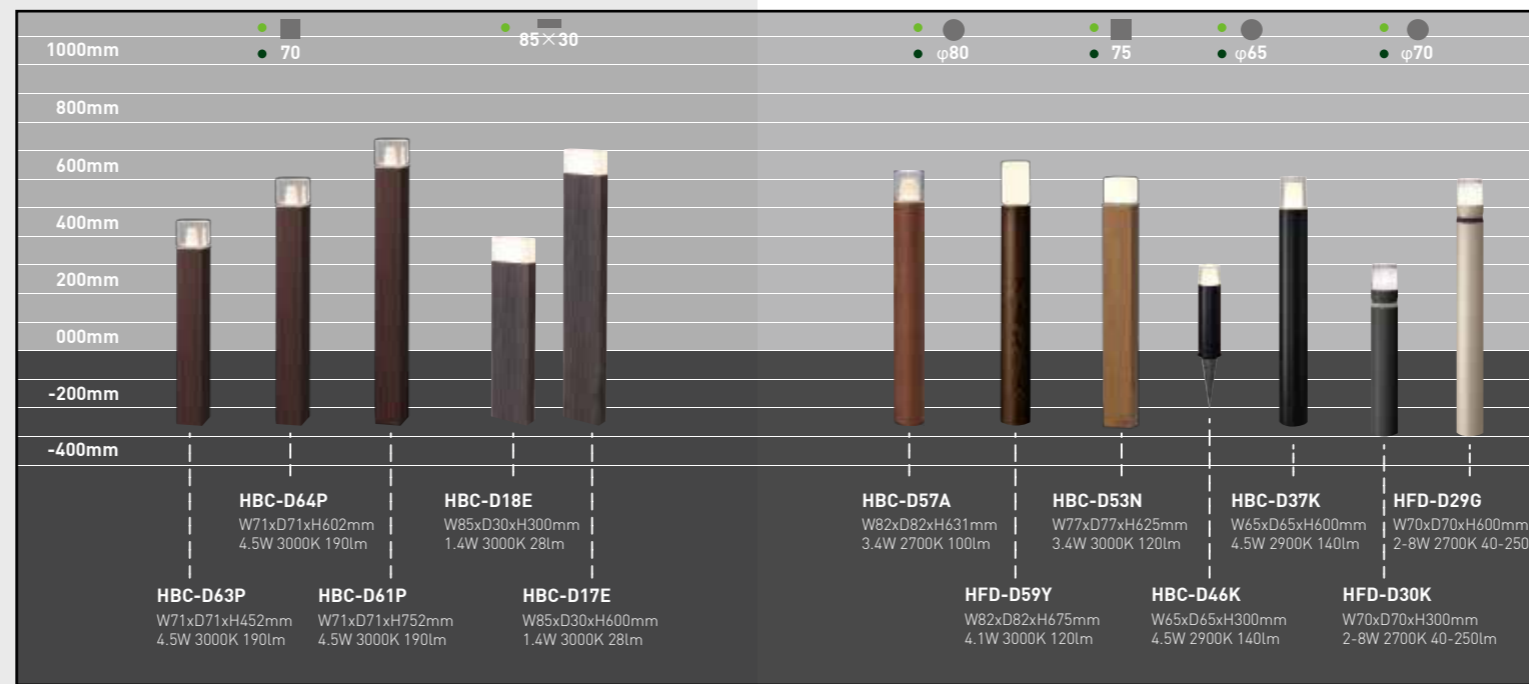
Any height as you like to get

This is an aluminum material which makes cutting easily. You can design to your preferred height according to the landscape design.



LEDIUS BOLLARD LIGHT

● 12V
● 24V



BOLLARD LIGHT

Provide safety, security and style with outdoor path lights. Bollard lighting illuminate your walkways and landscape while making a property seem larger with strategic placement.

LEDIUS WALL LIGHT

• 12V
• 24V

GOOD FITTING FOR EXTERIOR COLOR COORDINATION



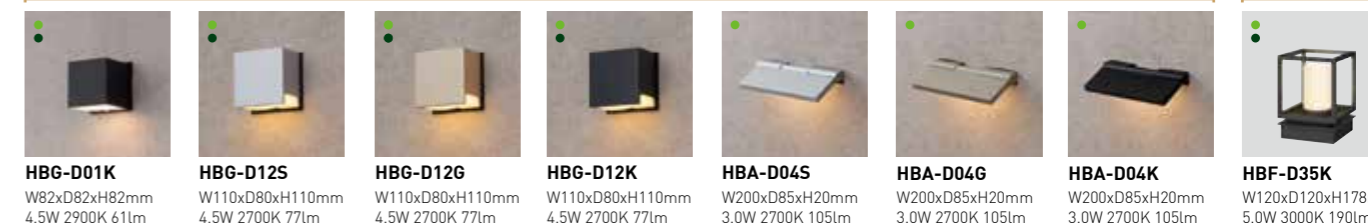
GOOD FITTING FOR EXTERIOR COLOR COORDINATION



COMPACT & MODERN



COMPACT & MODERN



ON THE WALL

DECORATIVE



SIMPLE

STICK LIGHTS



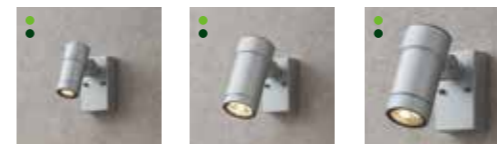
WALL LIGHT

A great way to make a space feel more inviting and complete, and a key component of any layered lighting scheme. Wall lighting makes the area feel brighter and larger while creating a pleasing atmosphere.

LEDIUS WALL SPOT LIGHT

● 12V
● 24V

CHOICE OF LIGHT INTENSITY



HBA-D14S OPTI S
W60xD125xH100mm
2.9W 3000K 250lm

HBA-D15S OPTI M
W60xD139xH119mm
6.1W 3000K 550lm

HBA-D16S OPTI L
W68xD148xH138mm
12.0W 3000K 1050lm

OPTIONAL LIGHTING COVER & LENS FOR OPTIC EFFECTS



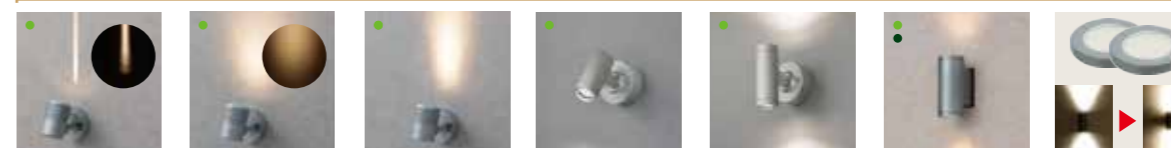
HOOD
Cut glare from one direction

SNOUT
Cut glare from all directions

SPREAD
Spread the light into oval shape

DIFFUSER
Diffuse the light

WALL LIGHTING DECORATION



HBB-008D
W80xD125xH88mm
4.8W 3000K 16lm

HBB-009D
W80xD125xH88mm
4.8W 3000K 185lm

HBB-010D
W80xD125xH88mm
4.8W 3000K 154lm

HBA-D06S
W55xD75xH68mm
1.1W 3000K 85lm

HBA-D07S
W55xD75xH79mm
2.2W 3000K 105lm

HBA-D11L
W80xD137xH180mm
21.0W 3000K 1507lm

DIFFUSER LENS
For HBA-D11L

HBB-D11L
W160xD270xH268mm
31.5W 3000K 2000lm

HIGH POWERED

WIDE-WALL LIGHTING



HAC-D15S
W300xD70xH102mm
3.4W 3000K 290lm

HAC-D16S
W600xD70xH102mm
6.3W 3000K 559lm

HAC-D17S
W900xD70xH102mm
9.0W 3000K 797lm



FOR CARPORT



HBA-D23S
W60xD136xH191mm
2.9W 3000K 250lm

HBA-D20S
W50xD59xH204mm
4.2W 3000K 200lm

HBA-D26S
W49xD41xH190mm
3.9W 3000K 270lm

GRAPHIC SPOTLIGHT



HBB-D57S
W119xD85xH294mm
3.3W

HEC-104K
Tree filter

HEC-105K
Flower filter

HEC-106K
Leaves filter

HEC-107K
Water rings filter

WALL SPOT LIGHT CARPORT LIGHT

This is an ideal way to add highlights to your garden, outdoor area and also to the building itself. Wall spotlights can be used excellently on façades as well as plinths.



LEDIUS INGROUND LIGHT

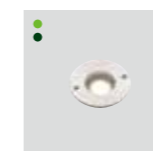
INGROUND LIGHT

With a low profile, Recessed lighting is perfect for accenting architectural features, sculptures, trees and more.

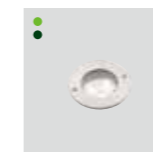


- 12V
- 24V

FOR WALL

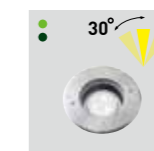


HBD-D085
W142xD142xH202mm
1.2W 3000K 80lm



HBD-D095
W142xD142xH203mm
3.1W 3000K 263lm

FOR WALL (SWING)

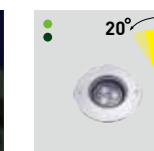


HBD-D135
W152xD152xH203mm
3.6W 3000K 215lm

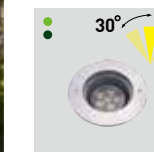


Possible to point the lightout by adjusting the lighting angle.

FOR WALL (Glareless)

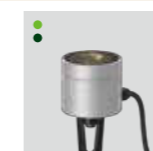


HBD-D065
W152xD152xH203mm
3.1W 3000K 186lm

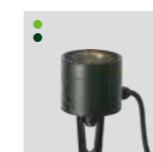


HBD-D075
W173xD173xH203mm
9.1W 3000K 570lm

FOR WALL (FREE MOUNTING)

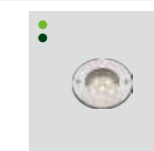


HBD-D185
W78xD100xH68mm
1.2W 2700K 1o0lm

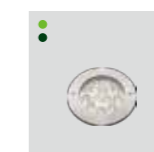


HBD-D18C
W78xD100xH68mm
1.2W 2700K 1o0lm

FOR BUILDING

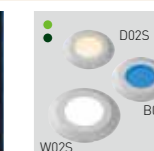


HBD-D145
W142xD142xH203mm
6.8W 3000K 547lm

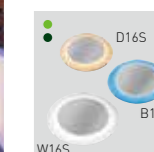


HBD-D155
W165xD165xH204mm
14.4W 3000K 1230lm

FOR APPROACH / DECK (FLAT)



HBD-D025
W68xD68xH155mm
1.0W 3000K 81lm

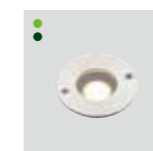


HBD-D16S
W68xD68xH153mm
1.0W 3000K 72lm

FOR APPROACH (HEAVY LOADING)



Loading capacity : Max.1.5t



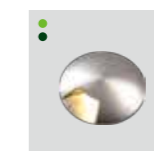
HBD-D04S
W142xD142xH202mm
1.4W 3000K 80lm



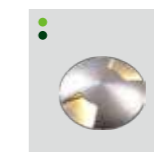
HBD-D05S
W142xD142xH203mm
3.6W 3000K 263lm



Loading capacity : Max.1.0t



HBD-D19S
W140xD140xH211mm
2.6W 3000K 10lm



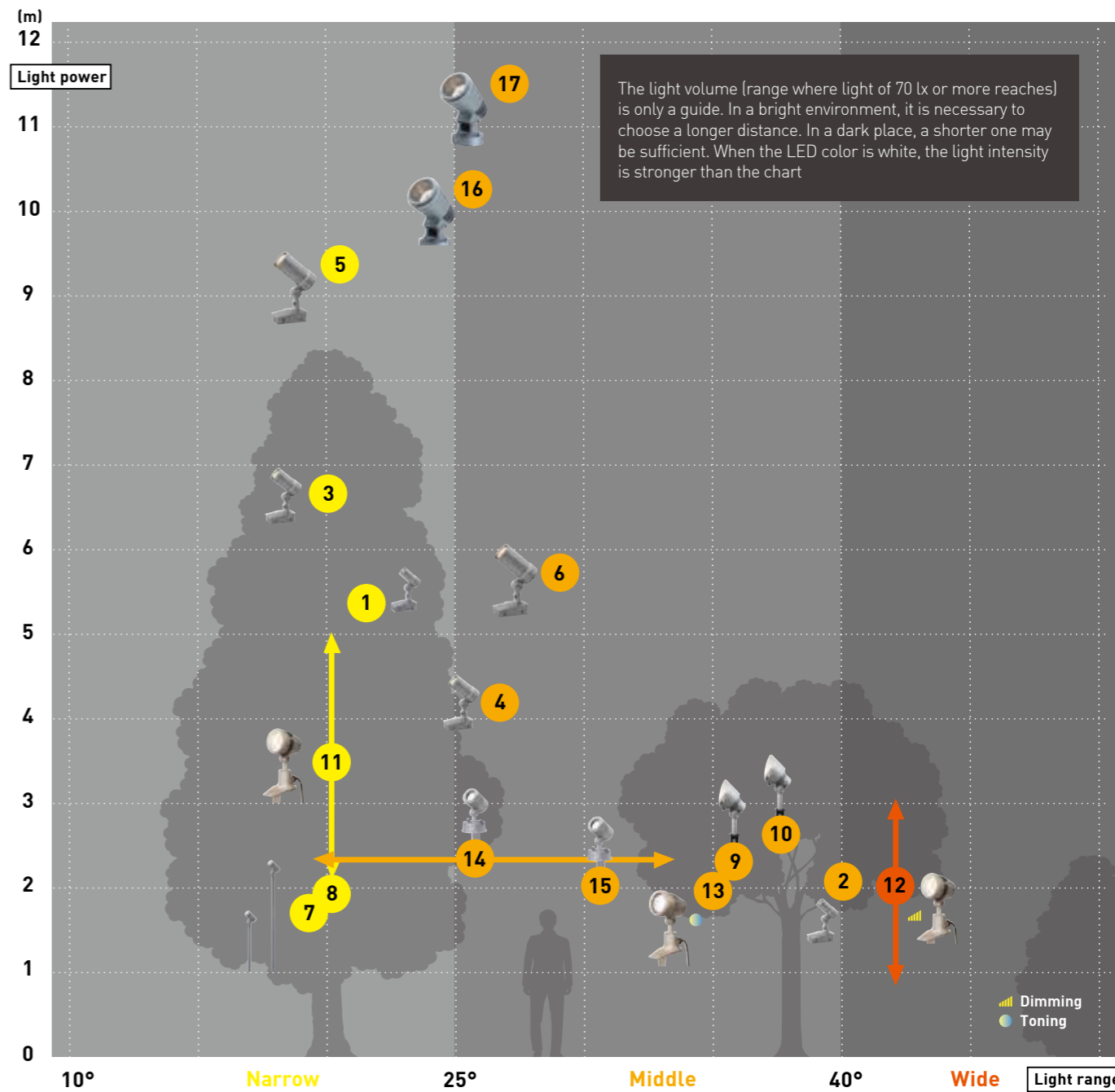
HBD-D20S
W140xD140xH211mm
2.6W 3000K 35lm



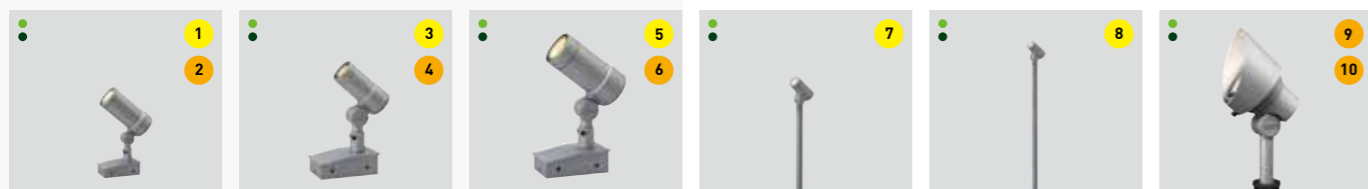
LEDIUS SPOT LIGHT

SPOT LIGHT

Make your yard come to life at night by highlighting trees and other features in your yard with Accent Landscape Lighting.



STANDARD



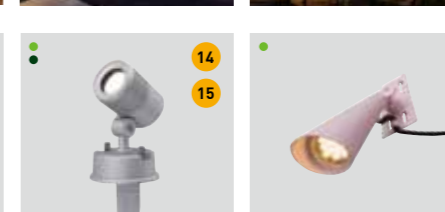
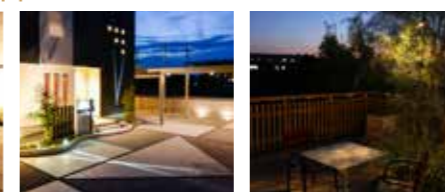
- HBB-D32S**
W65xD105xH155mm
2.9W 3000K 200lm
- HBB-D34S**
W65xD124xH169mm
6.1W 3000K 560lm
- HBB-D36S**
W68xD140xH178mm
12.0W 3000K 950lm
- HBB-D30S**
W30xD60xH300mm
1.0W 3000K 1113lm
- HBB-D29S**
W30xD60xH500mm
1.0W 3000K 1113lm
- HBB-D17S**
W86xD119xH153mm
2.7W 3000K 207lm

ADJUSTABLE



- HBB-D26G /D27G**
W70xD135xH169mm
1-6.0W 3000K 60-500lm
- HBB-C28S**
W70xD135xH169mm
7.2-8.4W 2700-5000K 390lm

DECORATIVE



- HBB-008D /009D /010D**
W80xD88xH125mm
4.8W 3000K 154lm
- HBC-D10P**
W71xD168xH183mm
4.5W 3000K 301lm

COMMERCIAL



- HBB-D11L**
W160xD270xH268mm
31.5W 3000K 2000lm
- HBB-D12C**
W160xD270xH268mm
37.5W 3000K 3000lm

● 12V
● 24V



PATH LIGHT

Light the way, providing safety, security, and style with outdoor path lights. Path lighting not only illuminates your walkways and landscape but also make a property seem larger when placed strategically.

LEDIUS PATH LIGHT

• 12V
• 24V

ON WALL



HBA-D08L
W220xD80xH80mm
2.2W 3000K 37lm



HBA-D08G
W220xD80xH80mm
2.2W 3000K 37lm



HBA-D08D
W220xD80xH80mm
2.2W 3000K 37lm

ON CONCRETE



HBF-D10L
W120xD114xH178mm
4.5W 3000K 72lm



HBF-D10C
W120xD114xH178mm
4.5W 3000K 72lm

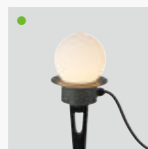


HBF-D11L
W120xD114xH178mm
4.5W 3000K 34lm



HBF-D11C
W120xD114xH178mm
4.5W 3000K 34lm

ON GROUND



HBF-D27C
W110xD110xH127mm
1.2W 2700K 00lm



HBF-D26S
W145xD145xH150mm
3.5W 3000K 233lm



HBF-D26C
W145xD145xH150mm
3.5W 3000K 233lm

ON DECK



HBF-D35K
W120xD120xH178mm
5.0W 3000K 190lm



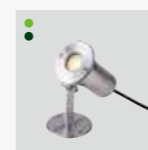
Add unique design to your pool or pond area with our wide selection of underwater lights to create a tasteful accented environment.

WATER LIGHT

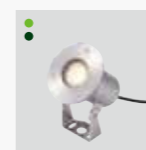
LEDIUS WATER LIGHT

• 12V
• 24V

FLEXIBLE



HHA-D10S
W70xD101xH132mm
2.8W 3000K 160lm

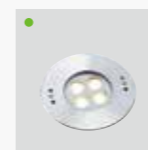


HHA-D12S
W95xD127xH139mm
2.4W 3000K 285lm

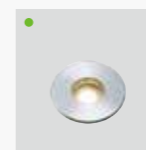


HHA-D11S
W95xD106xH150mm
7.6W 3000K 570lm

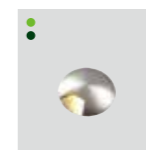
MOUNTING



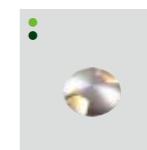
HHA-D07S
W135xD135xH123mm
9.0W 3000K 500lm



HHA-D06S
W86xD86xH136mm
2.5W 3000K 111lm

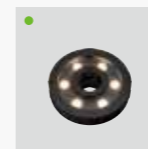


HHA-D13S
W55xD55xH111mm
2.6W 3000K 10lm

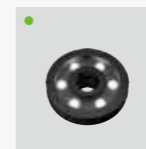


HHA-D14S
W55xD55xH111mm
2.6W 3000K 35lm

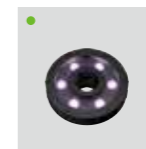
FOR FOUNTAIN



HHA-D09K
W165xD165xH60mm
6.0W 3000K 423lm

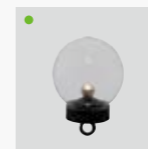


HHA-W09K
W165xD165xH60mm
6.0W 3000K 546lm

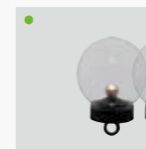


HHA-M09K
W165xD165xH60mm
9.0W RGB

FLOATING



HHA-D04T
W150xD150xH205mm
0.7W 3000K



HHA-D05T
W150xD150xH205mm
0.7W(x3pcs) 3000K



CEILING LIGHT

Create an inviting entry and a more lively outdoor entertainment area. Brighten front entries, porches, gazebos, covered patios and more with our wide selection of Outdoor Ceiling Lighting.

LEDIUS CEILING LIGHT

● 12V
● 24V

EMBEDDED																																						
	HBB-D03G W62xD62xH22mm 3.4W 3000K 210lm	HBB-D03B W62xD62xH22mm 3.4W 3000K 210lm	HBH-D02G W95xD95xH57mm 3.7W 3000K 350lm	HBH-D05B W84xD84xH72mm 3.5W 3000K 100lm	HCD-D03G W45xD45xH47mm 1.3W 3000K 72lm	HCD-W03G W45xD45xH47mm 1.3W 6000K 77lm	HCD-B03G W45xD45xH47mm 1.3W 16lm																															
	TRACK																																					
		HCE-D01K W70xD140xH120mm 3.3W 3000K 285lm Narrow light	HCE-D02K W70xD140xH120mm 3.3W 3000K 290lm Middle light	HCE-D03K W160xD160xH103mm 3.8W 3000K 275lm	HCE-D03W W160xD160xH103mm 3.8W 3000K 275lm	Decorative outdoor track lighting is a unique way to add atmosphere to your porch, patio or deck. Attach track heads to provide general illumination and accent lighting.																																
		DIRECTED			<table border="1"> <thead> <tr> <th>Beam Angle</th> <th>0m</th> <th>1m</th> <th>2m</th> <th>3m</th> </tr> </thead> <tbody> <tr> <td>29°</td> <td></td> <td>423lx</td> <td>106lx</td> <td>47lx</td> </tr> <tr> <td>32°</td> <td></td> <td>909lx</td> <td>227lx</td> <td>101lx</td> </tr> <tr> <td>24°</td> <td></td> <td>346lx</td> <td>87lx</td> <td>38lx</td> </tr> <tr> <td>58°</td> <td></td> <td>46lx</td> <td>11lx</td> <td>5lx</td> </tr> <tr> <td>30°</td> <td></td> <td>522lx</td> <td>131lx</td> <td>58lx</td> </tr> </tbody> </table>				Beam Angle	0m	1m	2m	3m	29°		423lx	106lx	47lx	32°		909lx	227lx	101lx	24°		346lx	87lx	38lx	58°		46lx	11lx	5lx	30°		522lx	131lx	58lx
			Beam Angle	0m					1m	2m	3m																											
	29°		423lx	106lx					47lx																													
32°		909lx	227lx	101lx																																		
24°		346lx	87lx	38lx																																		
58°		46lx	11lx	5lx																																		
30°		522lx	131lx	58lx																																		
HBD-D04G W78xD78xH68mm 3.0W 2700K 250lm	HBH-D04B W78xD78xH68mm 3.0W 2700K 250lm																																					
HBB-D03G	HBH-D02G	HBH-D05B	HCD-D03G	HBH-D04G																																		

LEDIUS DECORATION LIGHT

● 12V
● 24V

RATTAN								
	HBF-D16H W220xD220xH213mm 4.0W 2700K 63lm	HBF-D16B W220xD220xH213mm 4.0W 2700K 63lm	HBF-D09H W500xD500xH850mm 2.6W 3000K 120lm	HBF-D08H W400xD400xH550mm 2.6W 3000K 120lm	HBF-D09B W500xD500xH850mm 2.6W 3000K 120lm	HBF-D08B W400xD400xH550mm 2.6W 3000K 120lm		
	MARINE							
		HBF-D19X W132xD132xH272mm 4.0W 2700K 224lm	HBF-D19S W132xD132xH272mm 4.0W 2700K 224lm	HBF-D19B W132xD132xH272mm 4.0W 2700K 224lm	HBF-D30B W120xD185xH295mm 4.0W 2700K 224lm	HBF-D18X W120xD160xH248mm 4.0W 2700K 224lm	HBF-D18S W120xD160xH248mm 4.0W 2700K 224lm	HBF-D18B W120xD160xH248mm 4.0W 2700K 224lm
		HBF-D29B W120xD120xH176mm 4.0W 2700K 224lm	HBF-D17X W132xD132xH198mm 4.0W 2700K 224lm	HBF-D17S W132xD132xH198mm 4.0W 2700K 224lm	HBF-D17B W132xD132xH198mm 4.0W 2700K 224lm			

LEDIUS ACCESSORY LIGHT

● 12V
● 24V

VISIBLE							
	HAC-D27T W1000xD13xH6mm 3.2W 3000K 225lm	HAC-W27T W1000xD13xH6mm 3.2W 4800K 175lm	HAC-B27T W1000xD13xH6mm 8.0W 20lm	HAC-H27T W1000xD13xH6mm 1.2W 2000K 45lm			
	INVISIBLE						
		HAC-D33T W1000xD13xH13mm 3.2W 3000K 225lm	HAC-W33T W1000xD13xH13mm 3.2W 4800K 175lm	HAC-B33T W1000xD13xH13mm 8W 20lm		HAC-H33T W1000xD13xH13mm 1.2W 2000K 45lm	
GAP LIGHTING							
		HBE-D07T W77xD77xH105mm 2.8W 3000K 81lm	HBE-D08T W102xD102xH105mm 2.8W 3000K 65lm	HBE-D05T W77xD77xH141mm 2.8W 3000K 41lm	HBE-D06T W102xD102xH141mm 2.8W 3000K 24lm		

Regular Dotless type

With conventional flexible LED strips, bright dots can be seen; by using the dotless type, a uniform light is cast.













JAPANESE LIGHT

Materials and designs that harmonize with nature and soft light create a comfortable rhythm in the darkness, by creating a taste in the oriental garden.

LEDIUS JAPANESE LIGHT

HONO-AKARI (2000k)

MODERN

 HGB-H06B W133xD92xH267mm 2.5W 2000K 165lm	 HGB-H06N W133xD92xH267mm 2.5W 2000K 165lm	 HGB-H04B W140xD92xH140mm 2.5W 2000K 91lm	 HGB-H04N W140xD92xH140mm 2.5W 2000K 91lm	 HGB-H07B W70xD70xH600mm 2.5W 2000K 149lm	 HGB-H07N W70xD70xH600mm 2.5W 2000K 149lm	 HGB-H08B W70xD70xH450mm 2.5W 2000K 149lm
 HGB-H08N W70xD70xH450mm 2.5W 2000K 149lm	 HGB-D10D W100xD120xH495mm 1.2W 2700K 72lm	 HGA-D13N W125xD125xH193mm 4.0W 2700K 70lm	 HGB-D09T W205xD191xH120mm 2.6W 3000K 120lm			

TRADITIONELL

 HGB-D01K W206xD206xH462mm 1.8W	 HGB-D02K W150xD150xH400mm 1.8W	 HGA-Y02K W150xD150xH510mm 1.3W	 HGA-Y02S W150xD150xH510mm 1.3W	 HGA-Y04N W170xD170xH495mm 1.2W	 HGA-Y12A W170xD170xH690mm 1.2W	 HGA-Y12T W170xD170xH690mm 1.2W
 HGA-Y08N W296xD296xH415mm 1.2W		 HGA-Y06N W135xD130xH310mm 1.2W	 HBE-H09W/HBE-Y09W W103xD85xH80mm 1.2 - 1.8W / 108-120lm		 HBE-D01W/HBE-Y01W W103xD85xH80mm 1.2-1.3W / 58-90lm	

FLICKERING

NATURAL CANDLELIGHT

- 12V
- 24V

LEDIUS SYSTEM

TRANSFORMER

15w HEA-015G/015I For 15W W75xD58xH194mm Max. 2 branches	35w HEA-021G/021I For 35W W178xD58xH169mm Max. 4 branches	75w HEA-016G/016I For 75W W222xD62xH171mm Max. 4 branches	150w HEA-017G/017I For 150W W271xD80xH215mm Max. 6 branches	150w HEA-014G/014I For 150W W271xD80xH215mm Max. 6 branches	300w HEA-006G/006I For 300W W430xD170xH352mm Required to install it by a qualified person	600w HEA-007G/007I For 600W W570xD195xH409mm
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CABLE CONNECTOR

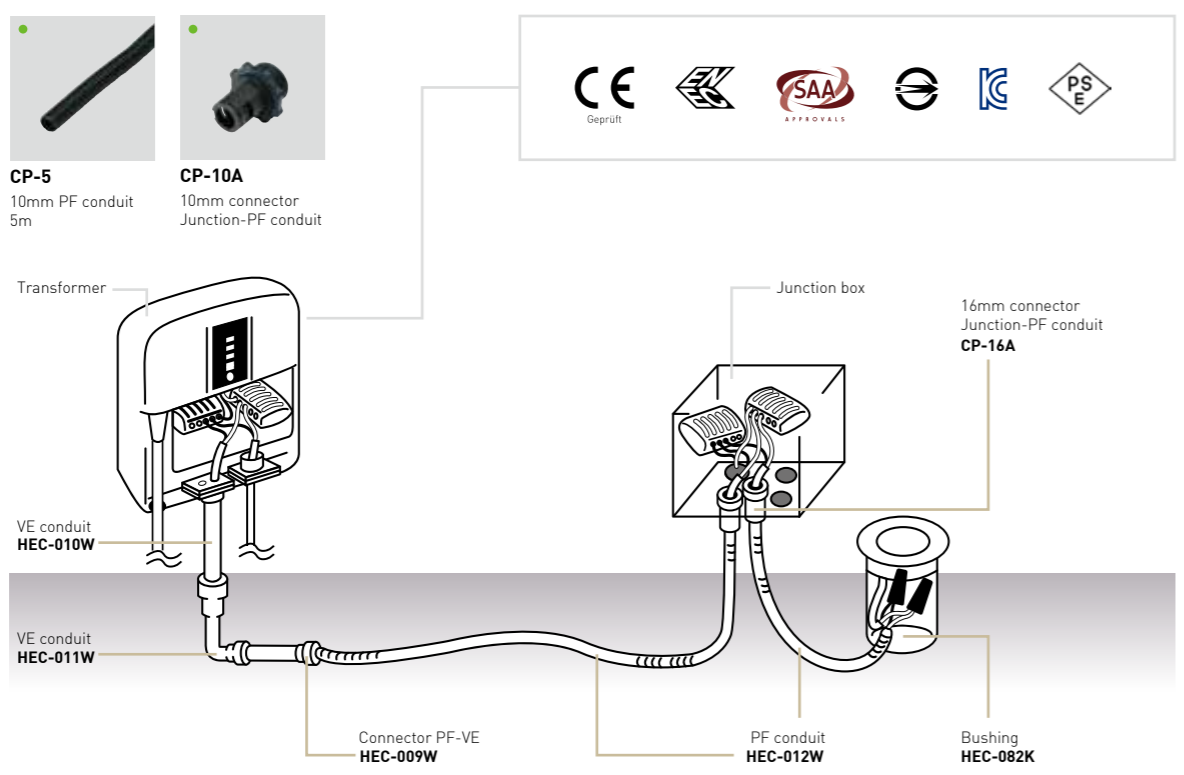
HCE-0002 5m	HCE-035K 50m	HCE-029K 30m	HCE-030K 100m	HCE-0014 10 pieces / set	HCE-032G 10 pieces / set
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JUNCTION BOX

HCE-0005 W84xD84xH265mm	HEC-057P W80xD80xH155mm Column:70x70mm	HEC-084C W140xD92xH140mm 2.5W 2000K 91lm	HEC-084S W140xD92xH140mm 2.5W 2000K 91lm	HEC-083I W70xD70xH600mm 2.5W 2000K 149lm	HEC-083G W70xD70xH600mm 2.5W 2000K 149lm	HEC-083S W70xD70xH450mm 2.5W 2000K 149lm
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WIRE CONDUIT

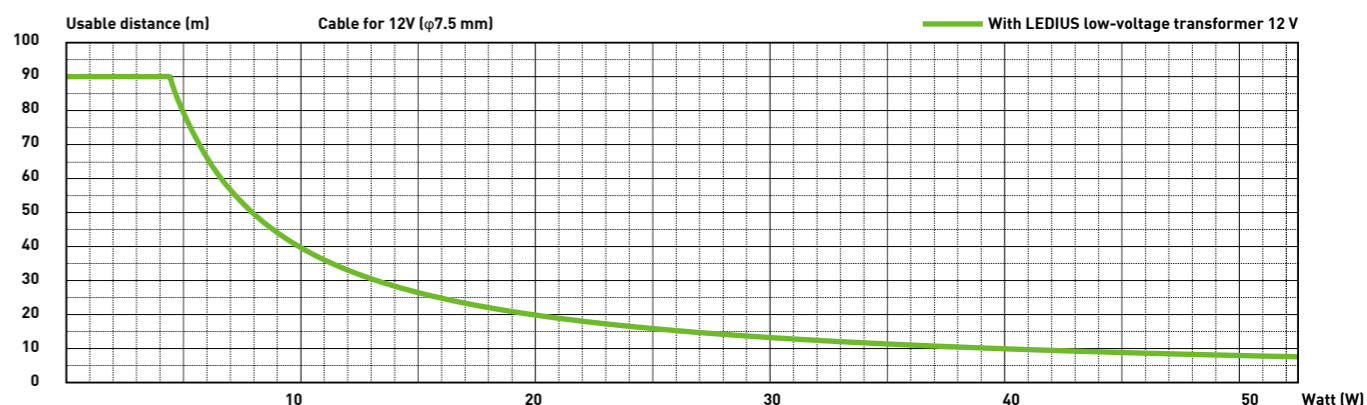
HEC-012W 16mm PF conduit 10m	HEC-010W 16mm VE conduit 2m	HEC-011W 16mm VE C conduit	HEC-009W 16mm connector PF-VE conduit	HEC-008W 16mm connector Junction-VE conduit	CP-16A 16mm connector Junction-PF conduit	HEC-082K Bushing for 16mm W23xD23xH32 (x2)
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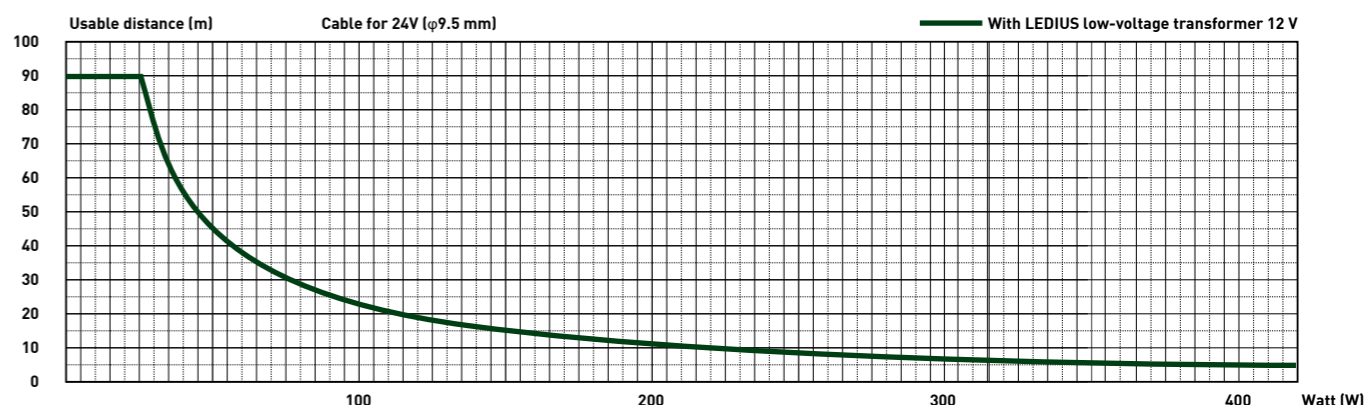
Available watts per line and usable cable length

From the following diagrams you can read the max. usable cable length for optimum performance with a voltage of 12 V / 24 V. If this length is exceeded, the voltage drops to 11 V / 23 V or less due to the electrical resistance and the distance. The connected lamps will then also light up, but will not reach their original light intensity.

Cable length for 1 line with 12 V products

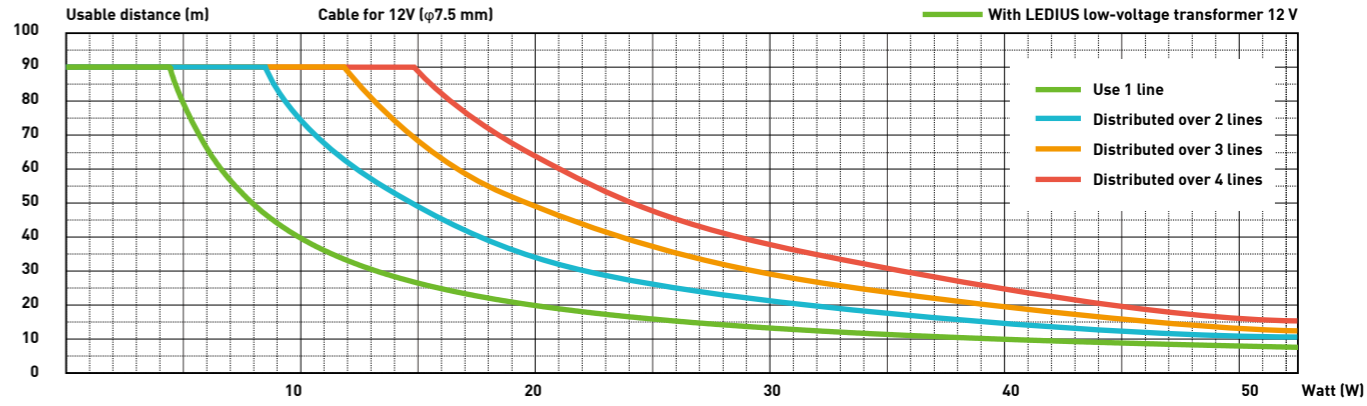


Cable length for 1 line with 24 V products

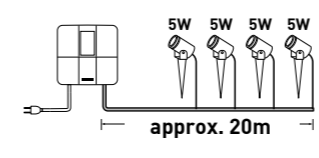


Cable length with junction box and up to 4 lines with 12 V products

To avoid voltage drop, the usable cable length is limited. With the help of a junction box, the power in watts per line can be reduced, thus increasing the usable cable length.

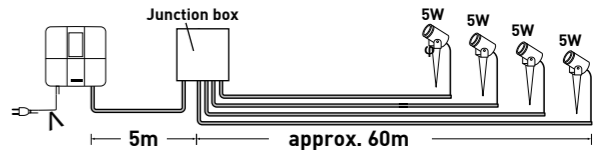


When using 20W with one line



If the power is 20W per line, the max. usable cable length is about 20 m.

When using 20W distributed over 4 lines

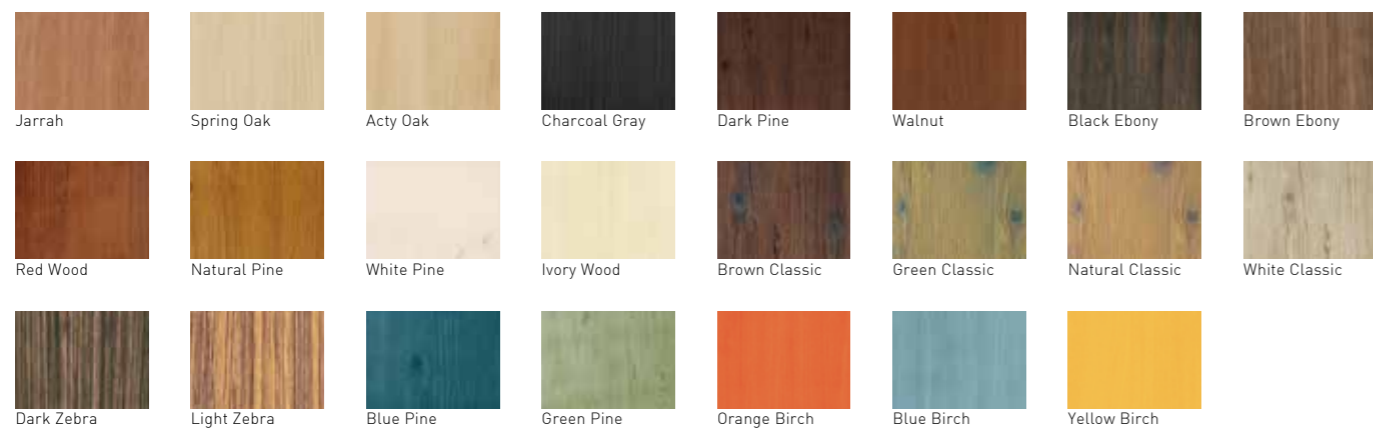


If a junction box with several connected lines is used, the max. cable length is approx. 65 m, as the power in watts per line is reduced.

- The range of the extra-low voltage lighting system is max. 90m. This avoids maintenance problems and interference.
- The total power consumption of the products to be used should not exceed 70% of the transformer power.

LEDIUS EVER ART COLOR

WOOD x 23

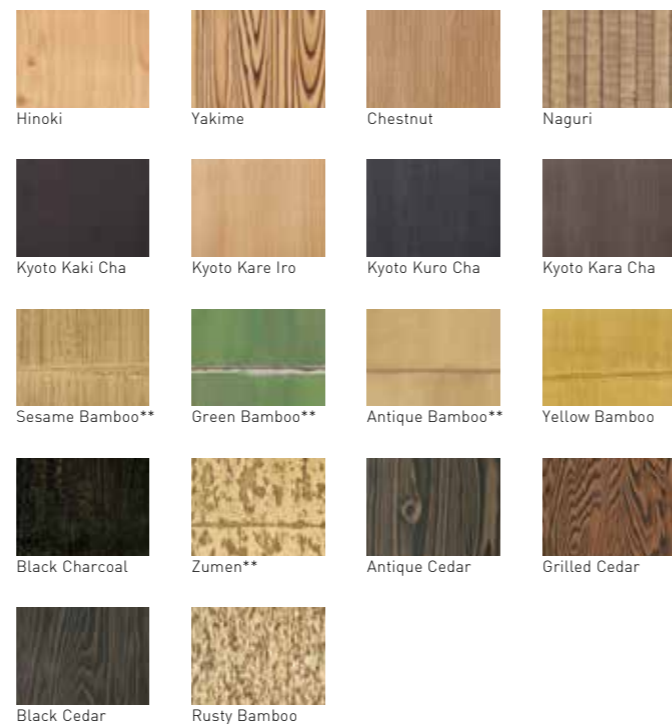


METAL x 12



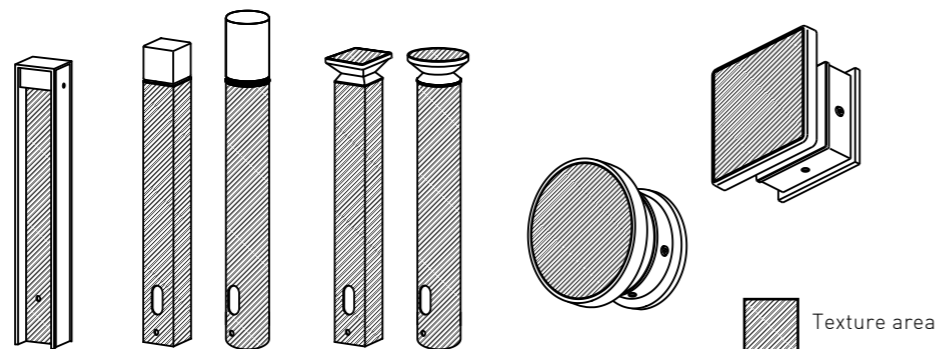
*Only for EVER ART light Square type.
**Only for EVER ART light Round type.

JAPANESE x 18



EVER ART POLE LIGHT

EVER ART WALL LIGHT



LEDIUS DATA BASE

Possible to download and check information about LEDIUS at any places!!



LEDIUS \ Much more items available to buy! /

PRODUCT DATA BASE

As there are more than about 1,500 items, the site helps you to check and compare the items with user-friendly functions. Get any information you need by one-click anywhere anytime.

About **1500** items on the web



LEDIUS
DATA
BASE



<http://db.ledius.jp/>



LEDIUS \ EASY ! HOW TO PICK UP THE SYSTEM /

LIGHTING PLANNER

No worry to calculate the voltage drop!! This is a planning site automatically to choose accessories and calculate voltage drop and watts.



LEDIUS
LOWVOLT
PLANNER



<http://db.ledius.jp/planner/>

3 easy steps
choose accessories
automatically!!



LEDIUS

... makes a value in your home.





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