



For more information, please visit the website:

» panasonic.net/es/id/

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Manufactured by

PT. Panasonic Gobel Eco Solutions Manufacturing Indonesia

Panasonic Corporation Eco Solutions Company

Lighting Equipment Business Unit, Lighting Business Division



ISO9001 : ID04/0443



ISO 14001 : ID03/60117

Panasonic®

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Diverse lighting variations

Ample lighting options for the maximum appeal of trees, plantings, wall facades, streets and more. Select from our diverse lineup, offering "Vivid Light LED" for more vivid-appearing plantings and more.



SPOT LIGHT >P.5



SmartArchi



LOW-POLE LIGHT >P.19



SPOT LIGHT
for signs and parking lots >P.29



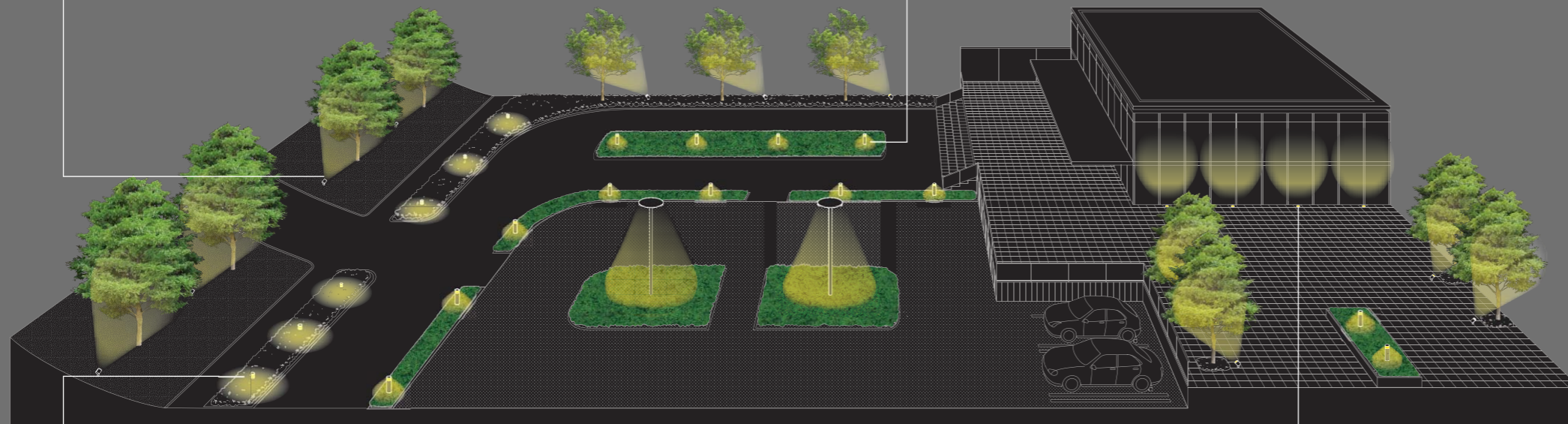
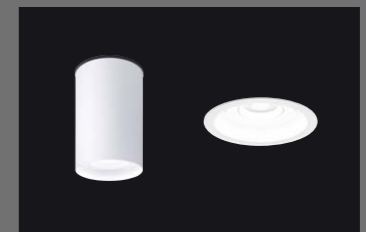
ARCHITECTURAL LIGHT >P.31



UPPER BRACKET >P.35



SOFFIT OUTBOW >P.37
SOFFIT DOWNLIGHT >P.39



The illustration is an example.



LOW-POLE LIGHT >P.21



BURIED LIGHT >P.23



SmartArchi

What's Vivid Light LED?

Vivid Light LED

"Vivid Light LED" increases the appeal of various facility plantings.



Temples and shrines

Light up the colors of fall vividly.
More atmospheric production becomes possible.



Apartment buildings

Express the original exquisite green of plantings even at night.
Bringing a sense of peace and calm to apartment façades.



Hotels and inns

The garden of a resort facility with its variety of trees.
The light plays charmingly on the coloring of the trees.



Commercial facilities

For commercial facilities such as shopping malls.



Scenic areas

For tree lightups in parks and scenic areas.



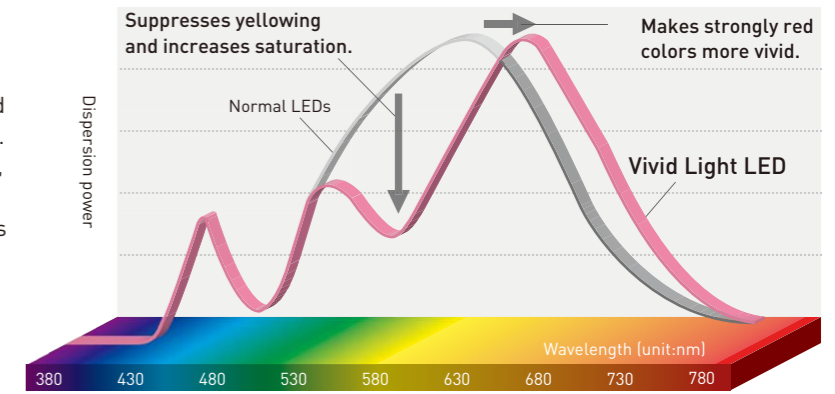
Wedding halls

For gracious gardens at chapels and wedding halls.

LED light draws out the vivid colors of plantings: flowers and greenery.

Specting technology brings out vivid colors by controlling the view through control of the light spectrum.

Panasonic has developed LEDs which present plantings more vividly through original light spectrum control technology. We call this "Vivid Light LED." By adjusting the light component of wavelength around 580 nm, yellowing is reduced and saturation increased. By shifting the red component peak wavelength longer, the strongly red colors can also be made to appear more vivid. This enables dramatic lighting which brings out the beauty of trees' colors more vividly and touches the viewers emotionally.



Suppresses yellowing and increases saturation.



Normal LEDs



"Vivid Light" LED

Brings out strongly red colors even more vividly.



Normal LEDs



"Vivid Light" LED



LED 350 type
LED 200 type



LED 750 type

Combine options to control light distribution.

* Limited to use of spotlight LED 750/350/200 type, 3000K or 5000K.

Options not in use



Normal

Options used



Snoot

Controls light spread.
Glare is also reduced.



Diffuse lens

Smooths out scalloping and diffuses soft light.



Spread lens

Changes light distribution to landscape format, brightening a wide area.

SPOT LIGHT



SPOT LIGHT

			3000K		5000K	
			Vivid Light LED (CRI 84)	Normal LED (CRI 85)	Vivid Light LED (CRI 84)	Normal LED (CRI 70)
LED 750 type		Medium angle Wide angle	● ●	● ●	● ●	● ●
LED 350 type		Medium angle Wide angle	● ●	● ●	● ●	● ●
LED 200 type		Medium angle Wide angle	● ●	● ●	● ●	● ●
LED 100 type Direct-attached type		Wide angle Diffusion angle	● ●	● ●	● ●	● ●
LED 100 type With-arm type		Wide angle Diffusion angle	● ●	● ●	● ●	● ●
LED 100 type Stand-alone type		Wide angle Diffusion angle	● ●	● ●	● ●	● ●

CYLINDER SPOT

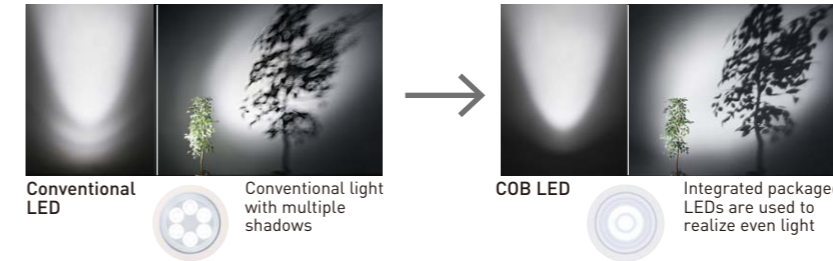
SmartArchi

			3000K (CRI 85)		4000K (CRI 85)	
			LED 1100 lm type Freely mountable type		Narrow angle Medium angle Wide angle	● ● ●
LED 1100 lm type Specialized wall-mounted type		Narrow angle Medium angle Wide angle	● ● ●	● ● ●	● ● ●	● ● ●
LED 1100 lm type Specialized floor-standing type		Narrow angle Medium angle Wide angle	● ● ●	● ● ●	● ● ●	● ● ●
LED 700 lm type Freely mountable type		Narrow angle Medium angle Wide angle	● ● ●	● ● ●	● ● ●	● ● ●
LED 700 lm type Specialized wall-mounted type		Narrow angle Medium angle Wide angle	● ● ●	● ● ●	● ● ●	● ● ●
LED 700 lm type Specialized floor-standing type		Narrow angle Medium angle Wide angle	● ● ●	● ● ●	● ● ●	● ● ●
LED 300 lm type Freely mountable type		Narrow angle Medium angle Wide angle	● ● ●	● ● ●	● ● ●	● ● ●
LED 300 lm type Specialized wall-mounted type		Narrow angle Medium angle Wide angle	● ● ●	● ● ●	● ● ●	● ● ●
LED 300 lm type Specialized floor-standing type		Narrow angle Medium angle Wide angle	● ● ●	● ● ●	● ● ●	● ● ●

These spotlights provide beautiful light and allows for design freedom.

COB* LED type is used for beautiful lighting and shadows. *COB=Chip On Board

Our integrated packaged LEDs collect all the light-emitting parts into one. This gets rid of the multiple shadows and scallops typical of previous LEDs.

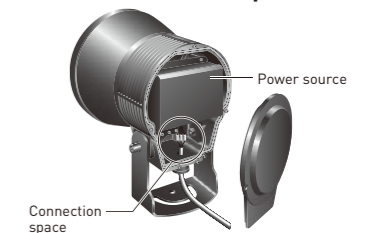


Higher-safety design

Safety anti-drop wire is added for the unlikely event of fixtures dropping. Surface temperature is 60 °C or lower for worry-free use even where people might touch the fixtures.



Fitting is easier with built-in power connection space



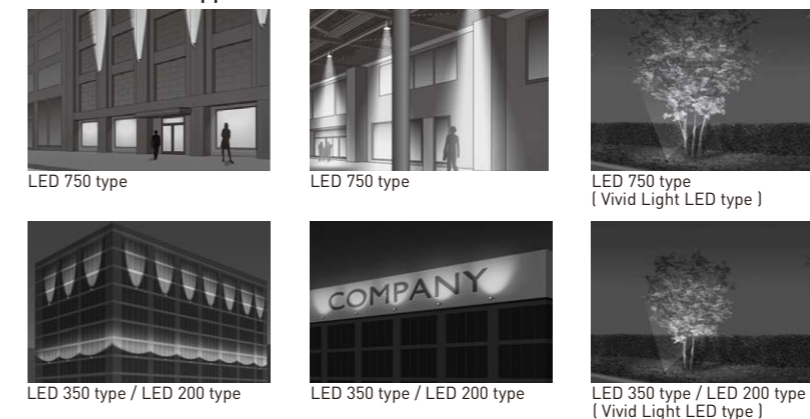
Brighter than conventional fixtures and saving even more electricity

	Conventional fixture	LED 750 type	Conventional fixture	LED 350 type	Conventional fixture	LED 200 type
	CDM-T150W	NNY24395	CDM-T70W	NNY24145	CDM-T35W	NNY24135
Fixture luminous flux	3780 lm	Approx. 1.2 times 4593 lm	1096 lm	Approx. 2 times 2170 lm	591 lm	Approx. 2.4 times 1396 lm
Power consumption	168W	Approx. 58% less 70.5W	85W	Approx. 58% less 35.5W	46W	Approx. 57% less 19.9W
Lifetime	12,000 h	Approx. 3.3 times 40,000 h	12,000 h	Approx. 3.3 times 40,000 h	12,000 h	Approx. 3.3 times 40,000 h

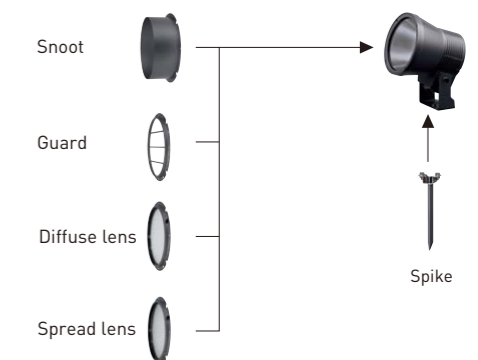
Highly usable design allowing mounting in any direction

Sealed structure means a design allowing mounting in any direction. Floor, wall, and ceiling mounting are all possible.

Recommended applications



Select from a diverse lineup of options to suit the context



LED 750 type

(Equiv. CDM-T150W)



Medium-angle

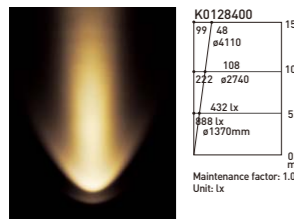


Wide-angle

Vivid Light LED

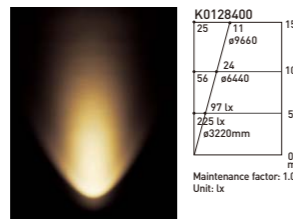
NNY24397

2849 lm-70.5W-40.4 lm/W
3000K/CRI 84



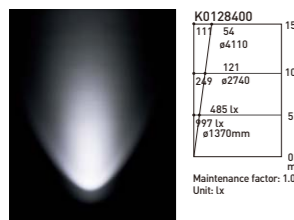
NNY24399

2728 lm-70.5W-38.7 lm/W
3000K/CRI 84



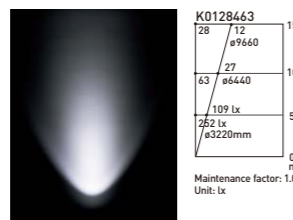
NNY24396

3196 lm-70.5W-45.3 lm/W
5000K/CRI 84



NNY24398

3062 lm-70.5W-43.4 lm/W
5000K/CRI 84



Normal LED

NNY24392

4763 lm-70.5W-67.6 lm/W
3000K/CRI 85

NNY24390

6122 lm-70.5W-86.8 lm/W
5000K/CRI 70

NNY24395

4593 lm-70.5W-65.1 lm/W
3000K/CRI 85

NNY24393

5903 lm-70.5W-83.7 lm/W
5000K/CRI 70

LED 350 type

(Equiv. CDM-T70W)



Medium-angle

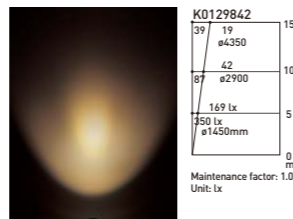


Wide-angle

Vivid Light LED

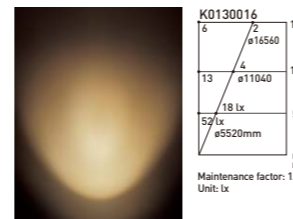
NNY24147

1319 lm-35.5W-37.2 lm/W
3000K/CRI 84



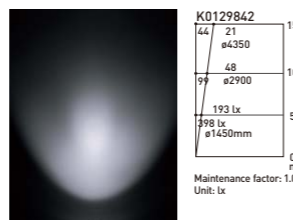
NNY24149

1393 lm-35.5W-39.2 lm/W
3000K/CRI 84



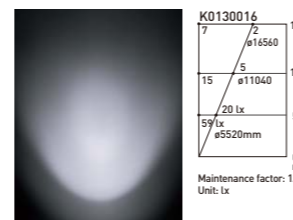
NNY24146

1501 lm-35.5W-42.3 lm/W
5000K/CRI 84



NNY24148

1584 lm-35.5W-44.6 lm/W
5000K/CRI 84



Normal LED

NNY24142

2055 lm-35.5W-57.9 lm/W
3000K/CRI 85

NNY24140

2709 lm-35.5W-76.3 lm/W
5000K/CRI 70

NNY24145

2170 lm-35.5W-61.1 lm/W
3000K/CRI 85

NNY24143

2860 lm-35.5W-80.6 lm/W
5000K/CRI 70

LED 200 type

(Equiv. CDM-T35W)



Medium-angle

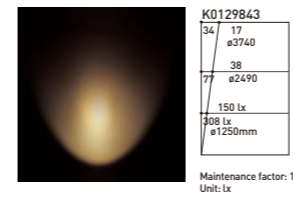


Wide-angle

Vivid Light LED

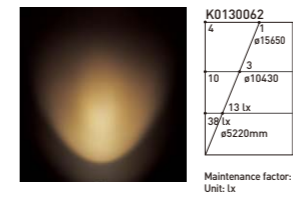
NNY24137

893 lm-19.9W-44.9 lm/W
3000K/CRI 84



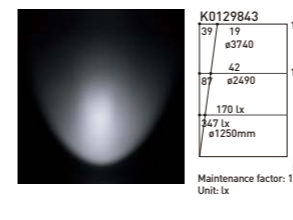
NNY24139

928 lm-19.9W-46.6 lm/W
3000K/CRI 84



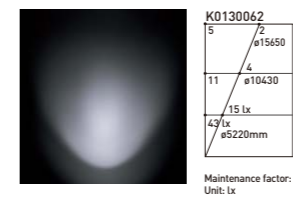
NNY24136

1009 lm-19.9W-50.7 lm/W
5000K/CRI 84



NNY24138

1049 lm-19.9W-52.7 lm/W
5000K/CRI 84



Normal LED

NNY24132

1343 lm-19.9W-67.5 lm/W
3000K/CRI 85

NNY24130

1728 lm-19.9W-86.8 lm/W
5000K/CRI 70

NNY24135

1396 lm-19.9W-70.2 lm/W
3000K/CRI 85

NNY24133

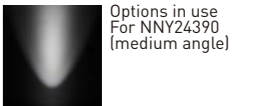
1797 lm-19.9W-90.3 lm/W
5000K/CRI 70

Options

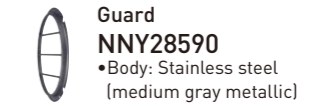
Options for LED 750 type



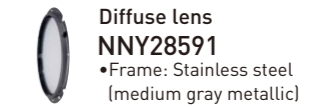
Snoot
NNY28589
•Body: Stainless steel
(medium gray metallic)



Options in use
For NNY24390
(medium angle)



Guard
NNY28590
•Body: Stainless steel
(medium gray metallic)

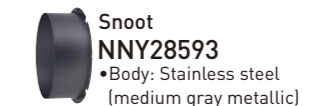


Diffuse lens
NNY28591
•Frame: Stainless steel
(medium gray metallic)

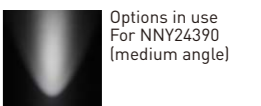


Spread lens
NNY28592
•Frame: Stainless steel
(medium gray metallic)

LED 350 / 200 type common options



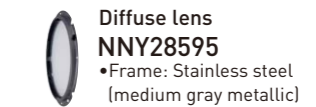
Snoot
NNY28593
•Body: Stainless steel
(medium gray metallic)



Options in use
For NNY24390
(medium angle)



Guard
NNY28594
•Body: Stainless steel
(medium gray metallic)



Diffuse lens
NNY28595
•Frame: Stainless steel
(medium gray metallic)



Spread lens
NNY28596
•Frame: Stainless steel
(medium gray metallic)

LED 750 / 350 / 200 type common options



Spike
NNY28585
•Body: Stainless steel
(medium gray metallic)
•Weight: 0.6kg

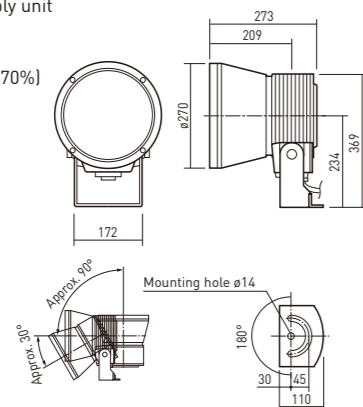


Specifications/Drawings

Rain-resistant type

- Built-in LED, Built-in power supply unit
- AC 100 to 242V
- Lifetime: 40,000h
(luminous flux maintenance rate 70%)
- Body: Aluminum die-casting
(medium gray metallic)
- Panel: Tempered glass
- Weight: 8.8kg

Note
•Not dimmable



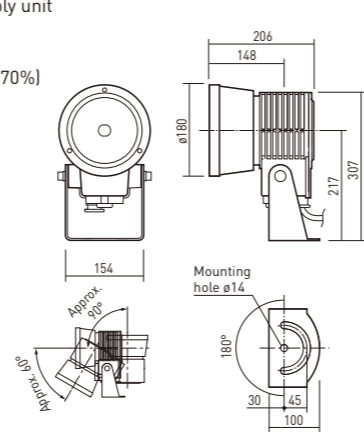
15° Values are for spotlight beam angle.

Specifications/Drawings

Rain-resistant type

- Built-in LED, Built-in power supply unit
- AC 100 to 242V
- Lifetime: 40,000h
(luminous flux maintenance rate 70%)
- Body: Aluminum die-casting
(medium gray metallic)
- Panel: Tempered glass
- Weight: 4.7kg

Note
•Not dimmable

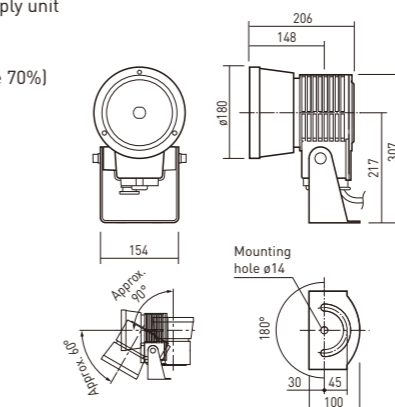


Specifications/Drawings

Rain-resistant type

- Built-in LED, Built-in power supply unit
- AC 100 to 242V
- Lifetime: 40,000h
(luminous flux maintenance rate 70%)
- Body: Aluminum die-casting
(medium gray metallic)
- Panel: Tempered glass
- Weight: 4.7kg

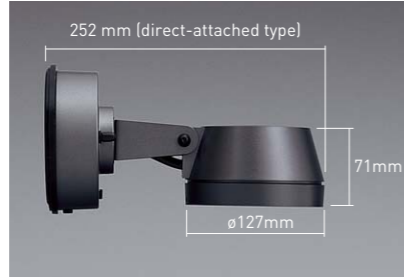
Note
•Not dimmable



Three types available: direct-attached, with-arm, and stand-alone.

Compact size and simple design

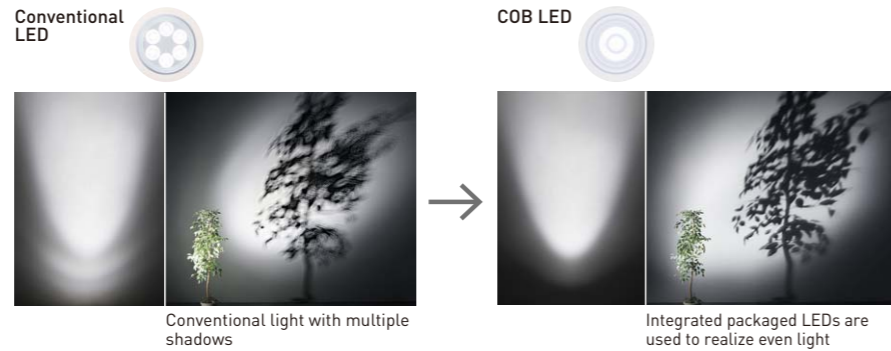
Slim type suited to facade and signboard lighting, with a simple design that blends into the space.



COB* LED type is used for beautiful lighting and shadows.

Integrated packaged LEDs are used to realize exquisite light without multiple shadows.

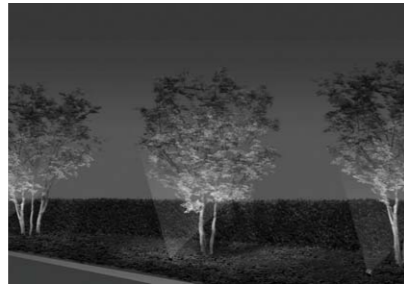
*COB=Chip On Board



Recommended applications We recommend use in locations where maintenance is difficult.



Lightup of shop facades



Lightup of plantings



Lightup of signboards

Mounting options

For direct-attached type/with-arm type/stand-alone type

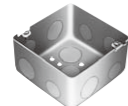


Snoot NNY28597H
•Body: Stainless steel (medium gray metallic)



Snoot NNY28597S
•Body: Stainless steel (silver metallic)

For direct-attached type/with-arm type



Embedded box DS37544
Medium-size square outlet box, deep type

DS37544
•Body: Electro galvanized steel plates
•Width: 102, Height: 102, Embedded depth: 54
•JIS C8340
•Weight: 0.35kg
•Side knockout G16 (C19) × 1 / G22 (C25) × 1



Cover for medium-size square fixture DS4511

•Width: 106, Height: 106, Thickness: 13
•Body: Electro galvanized steel plates
•Weight: 0.12kg

For stand-alone type



Mounting rack NK15039H
•Body: Stainless steel (medium gray metallic)
•Common for stand-alone type



Mounting rack NK15039S
•Body: Stainless steel (silver metallic)
•Common for stand-alone type



Spike NK10060B
•Width: ø32, Total length: 435, Height above ground: 135
•Off-black
•Weight: 0.36kg

LED 100 type Direct-attached type



Medium gray metallic



Silver metallic



Medium gray metallic



Silver metallic

Wide-angle

Wide-angle

Diffusion

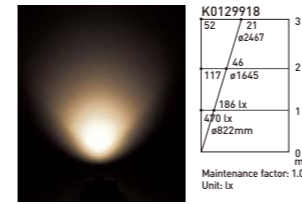
Diffusion

Vivid Light LED

NNY24107H

430lm-10.7W-40.2 lm/W
3000K/CRI 84

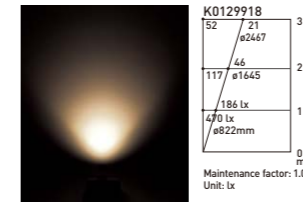
45°



NNY24107S

430 lm-10.7W-40.2 lm/W
3000K/CRI 84

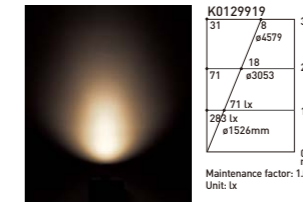
45°



NNY24109H

390 lm-10.7W-36.4 lm/W
3000K/CRI 84

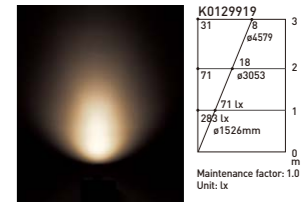
85°



NNY24109S

390 lm-10.7W-36.4 lm/W
3000K/CRI 84

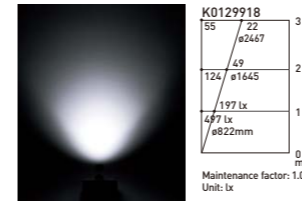
85°



NNY24106H

455 lm-10.7W-42.5 lm/W
5000K/CRI 84

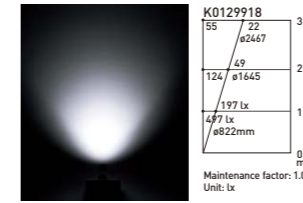
45°



NNY24106S

455 lm-10.7W-42.5 lm/W
5000K/CRI 84

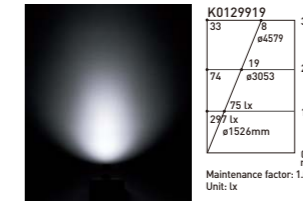
45°



NNY24108H

410 lm-10.7W-38.3 lm/W
5000K/CRI 84

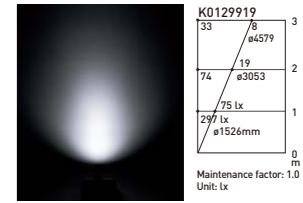
85°



NNY24108S

410 lm-10.7W-38.3 lm/W
5000K/CRI 84

85°



Normal LED

NNY24102H

645 lm-10.7W-60.3 lm/W
3000K/CRI 85

NNY24102S

645 lm-10.7W-60.3 lm/W
3000K/CRI 85

NNY24105H

585 lm-10.7W-54.7 lm/W
3000K/CRI 85

NNY24105S

585 lm-10.7W-54.7 lm/W
3000K/CRI 85

NNY24100H

795 lm-10.7W-74.3 lm/W
5000K/CRI 70

NNY24100S

795 lm-10.7W-74.3 lm/W
5000K/CRI 70

NNY24103H

720 lm-10.7W-67.3 lm/W
5000K/CRI 70

NNY24103S

720 lm-10.7W-67.3 lm/W
5000K/CRI 70

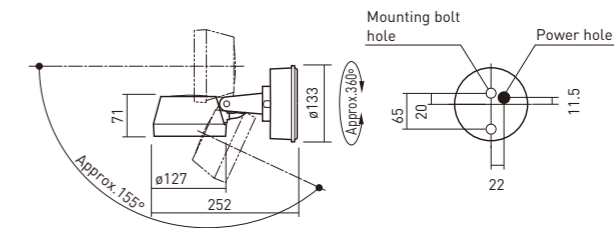
Specifications/Drawings

Rain-resistant type

- LED socketable 100W equivalent
- AC 100 to 242V
- Lifetime: 40,000h (luminous flux maintenance rate 85%)
- Body: Aluminum die-casting
- Panel: Tempered glass
- Weight: 1.7kg

Note

- Equivalent to Dichro Cool Halogen bulb 130W equivalent
- For wall/ceiling mounting only
- Designated embedded boxes DS37544 and DS4511 (both sold separately) are required for installation.
- Not dimmable



45° Values are for spotlight beam angle.

LED 100 type With-arm type



Medium gray metallic



Silver metallic



Medium gray metallic



Silver metallic

Wide-angle

Wide-angle

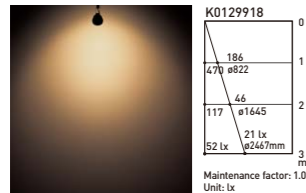
Diffusion

Diffusion

Vivid Light LED

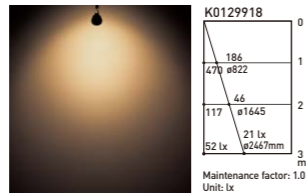
NNY24117H

430 lm-10.7W-40.2 lm/W
3000K/CRI 84



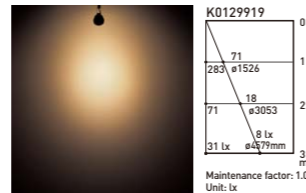
NNY24117S

430 lm-10.7W-40.2 lm/W
3000K/CRI 84



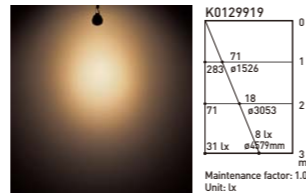
NNY24119H

390 lm-10.7W-36.4 lm/W
3000K/CRI 84



NNY24119S

390 lm-10.7W-36.4 lm/W
3000K/CRI 84



LED 100 type Stand-alone type



Medium gray metallic



Silver metallic



Medium gray metallic



Silver metallic

Wide-angle

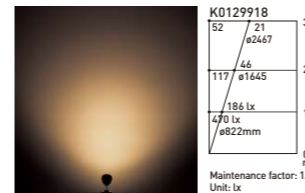
Wide-angle

Diffusion

Diffusion

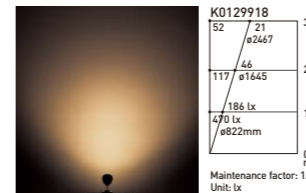
NNY24127H

430 lm-10.7W-40.2 lm/W
3000K/CRI 84



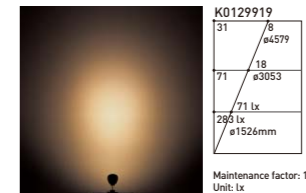
NNY24127S

430 lm-10.7W-40.2 lm/W
3000K/CRI 84



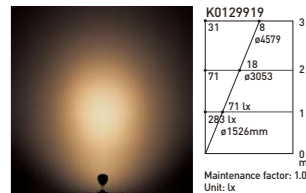
NNY24129H

390 lm-10.7W-36.4 lm/W
3000K/CRI 84



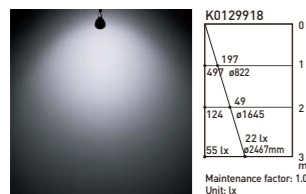
NNY24129S

390 lm-10.7W-36.4 lm/W
3000K/CRI 84



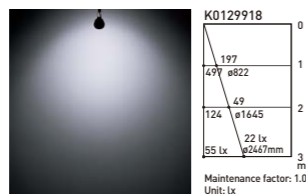
NNY24116H

455 lm-10.7W-42.5 lm/W
5000K/CRI 84



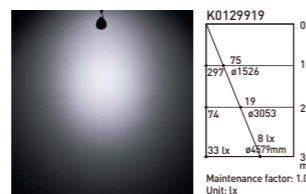
NNY24116S

455 lm-10.7W-42.5 lm/W
5000K/CRI 84



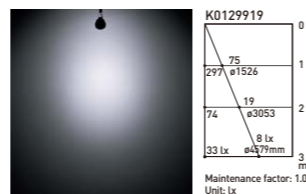
NNY24118H

410 lm-10.7W-38.3 lm/W
5000K/CRI 84



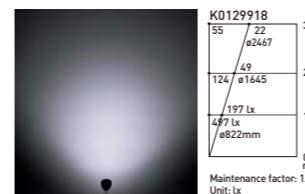
NNY24118S

410 lm-10.7W-38.3 lm/W
5000K/CRI 84



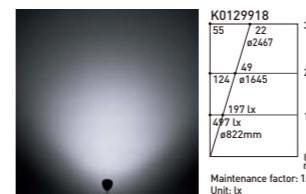
NNY24126H

455 lm-10.7W-42.5 lm/W
5000K/CRI 84



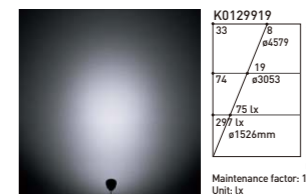
NNY24126S

455 lm-10.7W-42.5 lm/W
5000K/CRI 84



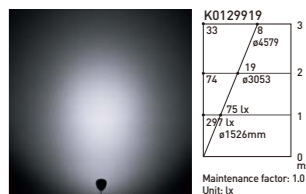
NNY24128H

410 lm-10.7W-38.3 lm/W
5000K/CRI 84



NNY24128S

410 lm-10.7W-38.3 lm/W
5000K/CRI 84



Normal LED

NNY24112H

645 lm-10.7W-60.3 lm/W
3000K/CRI 85

NNY24112S

645 lm-10.7W-60.3 lm/W
3000K/CRI 85

NNY24115H

585 lm-10.7W-54.7 lm/W
3000K/CRI 85

NNY24115S

585 lm-10.7W-54.7 lm/W
3000K/CRI 85

NNY24122H

645 lm-10.7W-60.3 lm/W
3000K/CRI 85

NNY24122S

645 lm-10.7W-60.3 lm/W
3000K/CRI 85

NNY24125H

585 lm-10.7W-54.7 lm/W
3000K/CRI 85

NNY24125S

585 lm-10.7W-54.7 lm/W
3000K/CRI 85

NNY24110H

795 lm-10.7W-74.3 lm/W
5000K/CRI 70

NNY24110S

795 lm-10.7W-74.3 lm/W
5000K/CRI 70

NNY24113H

720 lm-10.7W-67.3 lm/W
5000K/CRI 70

NNY24113S

720 lm-10.7W-67.3 lm/W
5000K/CRI 70

NNY24120H

795 lm-10.7W-74.3 lm/W
5000K/CRI 70

NNY24120S

795 lm-10.7W-74.3 lm/W
5000K/CRI 70

NNY24123H

720 lm-10.7W-67.3 lm/W
5000K/CRI 70

NNY24123S

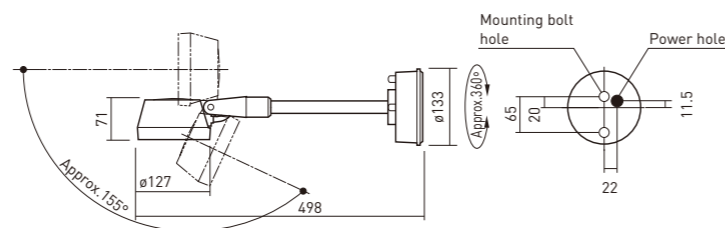
720 lm-10.7W-67.3 lm/W
5000K/CRI 70

Specifications/Drawings

Rain-resistant type

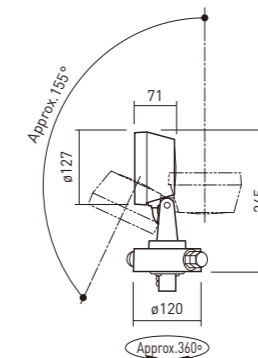
- LED socketable 100W equivalent
- AC 100 to 242V
- Lifetime: 40,000h (luminous flux maintenance rate 85%)
- Body: Aluminum die-casting
- Panel: Tempered glass
- Weight: 2.1kg

- Note
- Equivalent to Dichro Cool Halogen bulb 130W equivalent
 - For wall mounting only
 - Designated embedded boxes DS37544 and DS4511 (both sold separately) are required for installation.
 - Not dimmable



- LED socketable 100W equivalent
- AC 100 to 242V
- Lifetime: 40,000h (luminous flux maintenance rate 85%)
- Body: Aluminum die-casting
- Panel: Tempered glass
- Weight: 1.7kg

- Note
- Equivalent to Dichro Cool Halogen bulb 130W equivalent
 - For floor mounting only
 - A mounting rack (NK15039H, NK15039S) or spikes (NK10060B) are required for installation.
 - Not dimmable



CYLINDER SPOT

Spot light with fixture design and light quality that harmonize with interiors.

1. Surface temperature is not hot to the touch

Can be installed safely even in locations where it is likely to be touched.

2. Elegantly simple silhouette

Slim and simple 110mm-diameter cylindrical form.

3. Designed to blend smoothly into interiors

Compact, streamlined design with no flanges.



Can be mounted in a wide range of locations: under eaves, on walls, on floors, etc.

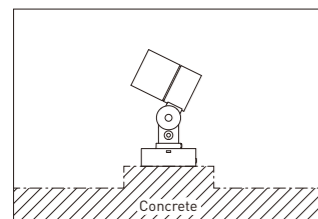


On ceiling surfaces such as under eaves

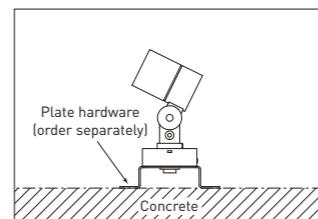
On columns or walls

On floor surfaces*2

*2 Precautions when mounting on a concrete floor



To avoid continuous or intermittent exposure to water due to rain, etc., install in an elevated location.



If there is no elevated location available, please use a specially ordered plate hardware (order separately). Please consult us separately about hardware specifications.

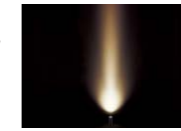
LED 1100 lm type^{*1}

Freely mountable type



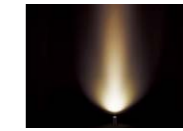
Narrow-angle

YYY36931 type
1030 lm, 21.9W, 47.0 lm/W
3000K/CRI 85



Medium-angle

YYY36933 type
995 lm, 21.9W, 45.4 lm/W
3000K/CRI 85

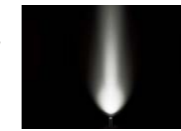


Wide-angle

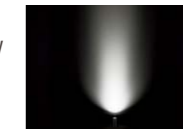
YYY36935 type
1000 lm, 21.9W, 45.7 lm/W
3000K/CRI 85



YYY36932 type
1090 lm, 21.9W, 49.8 lm/W
4000K/CRI 85



YYY36934 type
1055 lm, 21.9W, 48.2 lm/W
4000K/CRI 85



YYY36936 type
1065 lm, 21.9W, 48.6 lm/W
4000K/CRI 85



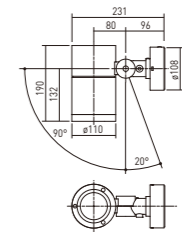
Specifications/Drawings

Rain-resistant type

See page.18 for options

- Built-in LED, Built-in power supply unit
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP65
- Body: Aluminum die-casting (medium gray metallic)
- Front Panel: Reinforced glass
- Weight: 3.0kg
- Compatible embedded box: YYY90130(Sold separately)

- Note
- Please use compatible embedding box.
 - Do not mount in locations where there is risk of flooding or water is likely to collect.



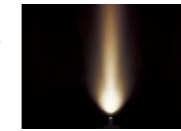
LED 1100 lm type^{*1}

Specialized wall-mounted type



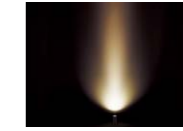
Narrow-angle

YYY36911 type
1030 lm, 21.9W, 47.0 lm/W
3000K/CRI 85



Medium-angle

YYY36913 type
995 lm, 21.9W, 45.4 lm/W
3000K/CRI 85

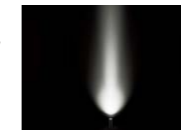


Wide-angle

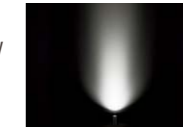
YYY36915 type
1000 lm, 21.9W, 45.7 lm/W
3000K/CRI 85



YYY36912 type
1090 lm, 21.9W, 49.8 lm/W
4000K/CRI 85



YYY36914 type
1055 lm, 21.9W, 48.2 lm/W
4000K/CRI 85



YYY36916 type
1065 lm, 21.9W, 48.6 lm/W
4000K/CRI 85



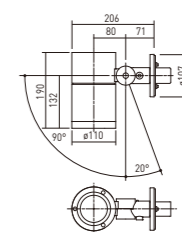
Specifications/Drawings

Rain-resistant type

See page.18 for options

- Built-in LED, Built-in power supply unit
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP65
- Body: Aluminum die-casting (medium gray metallic)
- Front Panel: Reinforced glass
- Weight: 2.3kg
- Compatible embedded box: DS37544, DS4611 (Sold separately)

- Note
- Please use compatible embedding box.



*1 Brightnesses shown are approximate, provisional figures, and are subject to change without notice.
Note: Numerical data, photographs, dimension diagrams, and light distribution data figures for new products are provisional, and are subject to change without notice.

LED 1100 lm type*1

Specialized floor-standing type

 Narrow-angle	 Medium-angle	 Wide-angle
YYY36951 type 1030 lm, 21.9W, 47.0 lm/W 3000K/CRI 85	YYY36953 type 995 lm, 21.9W, 45.4 lm/W 3000K/CRI 85	YYY36955 type 1000 lm, 21.9W, 45.7 lm/W 3000K/CRI 85
YYY36952 type 1090 lm, 21.9W, 49.8 lm/W 4000K/CRI 85	YYY36954 type 1055 lm, 21.9W, 48.2 lm/W 4000K/CRI 85	YYY36956 type 1065 lm, 21.9W, 48.6 lm/W 4000K/CRI 85

Specifications/Drawings

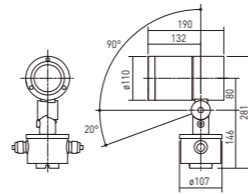
Rain-resistant type

See page.18 for options

- Built-in LED, Built-in power supply unit
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP65
- Body: Aluminum die-casting (medium gray metallic)
- Front Panel: Reinforced glass
- Weight: 2.7kg
- Compatible spike: YYY93173K (Sold separately)
- Compatible floor-mounting plate: YYY36004 (Sold separately)

Note

- Do not mount in locations where there is risk of flooding or water is likely to collect.
- Cannot be mounted facing any other direction than one shown in photo.



LED 700 lm type*1

Freely mountable type

 Narrow-angle	 Medium-angle	 Wide-angle
YYY36631 type 610 lm, 12.9W, 47.3 lm/W 3000K/CRI 85	YYY36633 type 600 lm, 12.9W, 46.5 lm/W 3000K/CRI 85	YYY36635 type 560 lm, 12.9W, 43.4 lm/W 3000K/CRI 85
YYY36632 type 655 lm, 12.9W, 50.8 lm/W 4000K/CRI 85	YYY36634 type 645 lm, 12.9W, 50.0 lm/W 4000K/CRI 85	YYY36636 type 600 lm, 12.9W, 46.5 lm/W 4000K/CRI 85

Specifications/Drawings

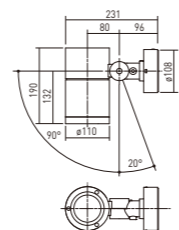
Rain-resistant type

See page.18 for options

- Built-in LED, Built-in power supply unit
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP65
- Body: Aluminum die-casting (medium gray metallic)
- Front Panel: Reinforced glass
- Weight: 3.0kg
- Compatible embedded box: YYY90130 (Sold separately)

Note

- Please use compatible embedding box.
- Do not mount in locations where there is risk of flooding or water is likely to collect.



LED 700 lm type*1

Specialized wall-mounted type

 Narrow-angle	 Medium-angle	 Wide-angle
YYY36611 type 610 lm, 12.9W, 47.3 lm/W 3000K/CRI 85	YYY36613 type 600 lm, 12.9W, 46.5 lm/W 3000K/CRI 85	YYY36615 type 560 lm, 12.9W, 43.4 lm/W 3000K / CRI 85
YYY36612 type 655 lm, 12.9W, 50.8 lm/W 4000K/CRI 85	YYY36614 type 645 lm, 12.9W, 50.0 lm/W 4000K/CRI 85	YYY36616 type 600 lm, 12.9W, 46.5 lm/W 4000K / CRI 85

Specifications/Drawings

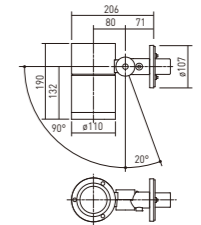
Rain-resistant type

See page.18 for options

- Built-in LED, Built-in power supply unit
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP65
- Body: Aluminum die-casting (medium gray metallic)
- Front Panel: Reinforced glass
- Weight: 2.3kg
- Compatible embedded box: DS37544, DS4611 (Sold separately)

Note

- Please use compatible embedding box.



LED 700 lm type*1

Specialized floor-standing type

 Narrow-angle	 Medium-angle	 Wide-angle
YYY36651 type 610 lm, 12.9W, 47.3 lm/W 3000K/CRI 85	YYY36653 type 600 lm, 12.9W, 46.5 lm/W 3000K/CRI 85	YYY36655 type 560 lm, 12.9W, 43.4 lm/W 3000K / CRI 85
YYY36652 type 655 lm, 12.9W, 50.8 lm/W 4000K/CRI 85	YYY36654 type 645 lm, 12.9W, 50.0 lm/W 4000K/CRI 85	YYY36656 type 600 lm, 12.9W, 46.5 lm/W 4000K / CRI 85

Specifications/Drawings

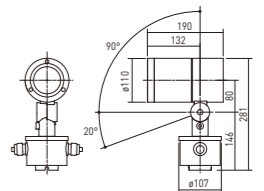
Rain-resistant type

See page.18 for options

- Built-in LED, Built-in power supply unit
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP65
- Body: Aluminum die-casting (medium gray metallic)
- Front Panel: Reinforced glass
- Weight: 2.7kg
- Compatible spike: YYY93173K (Sold separately)
- Compatible floor-mounting plate: YYY36004 (Sold separately)

Note

- Do not mount in locations where there is risk of flooding or water is likely to collect.
- Cannot be mounted facing any other direction than one shown in photo.



*1 Brightnesses shown are approximate, provisional figures, and are subject to change without notice.
 Note: Numerical data, photographs, dimension diagrams, and light distribution data figures for new products are provisional, and are subject to change without notice.

*1 Brightnesses shown are approximate, provisional figures, and are subject to change without notice.
 Note: Numerical data, photographs, dimension diagrams, and light distribution data figures for new products are provisional, and are subject to change without notice.

LED 300 lm type*1

Freely mountable type



Narrow-angle

Medium-angle

Wide-angle

YYY36331 type
245 lm, 8.5W, 28.8 lm/W
3000K/CRI 85



YYY36333 type
240 lm, 8.5W, 28.2 lm/W
3000K/CRI 85



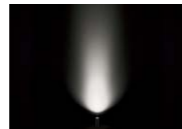
YYY36335 type
210 lm, 8.5W, 24.7 lm/W
3000K/CRI 85



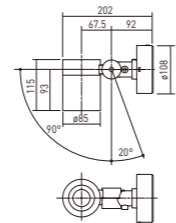
YYY36332 type
260 lm, 8.5W, 30.6 lm/W
4000K/CRI 85



YYY36334 type
255 lm, 8.5W, 30.0 lm/W
4000K/CRI 85



YYY36336 type
220 lm, 8.5W, 25.9 lm/W
4000K/CRI 85



Specifications/Drawings

Rain-resistant type

See page.18 for options

- Built-in LED, Built-in power supply unit
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP65
- Body: Aluminum die-casting (medium gray metallic)
- Front Panel: Reinforced glass
- Weight: 1.6kg
- Compatible embedded box: YYY90130(Sold separately)

Note

- Please use compatible embedding box.
- Do not mount in locations where there is risk of flooding or water is likely to collect.

LED 300 lm type*1

Specialized wall-mounted type



Narrow-angle

Medium-angle

Wide-angle

YYY36311 type
245 lm, 8.5W, 28.8 lm/W
3000K/CRI 85



YYY36313 type
240 lm, 8.5W, 28.2 lm/W
3000K/CRI 85



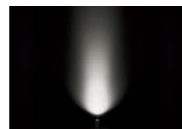
YYY36315 type
210 lm, 8.5W, 24.7 lm/W
3000K/CRI 85



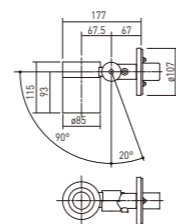
YYY36312 type
260 lm, 8.5W, 30.6 lm/W
4000K/CRI 85



YYY36314 type
255 lm, 8.5W, 30.0 lm/W
4000K/CRI 85



YYY36316 type
220 lm, 8.5W, 25.9 lm/W
4000K/CRI 85



Specifications/Drawings

Rain-resistant type

See page.18 for options

- Built-in LED, Built-in power supply unit
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP65
- Body: Aluminum die-casting (medium gray metallic)
- Front Panel: Reinforced glass
- Weight: 1.3kg
- Compatible embedded box: DS37544, DS4611 (Sold separately)

Note

- Please use compatible embedding box.

LED 300 lm type*1

Specialized floor-standing type

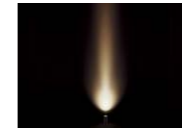


Narrow-angle

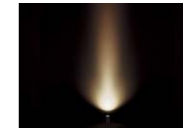
Medium-angle

Wide-angle

YYY36351 type
245 lm, 8.5W, 28.8 lm/W
3000K/CRI 85



YYY36353 type
240 lm, 8.5W, 28.2 lm/W
3000K/CRI 85



YYY36355 type
210 lm, 8.5W, 24.7 lm/W
3000K/CRI 85



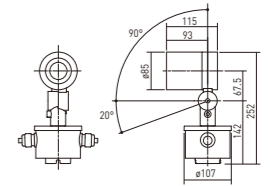
YYY36352 type
260 lm, 8.5W, 30.6 lm/W
4000K/CRI 85



YYY36354 type
255 lm, 8.5W, 30.0 lm/W
4000K/CRI 85



YYY36356 type
220 lm, 8.5W, 25.9 lm/W
4000K/CRI 85



Specifications/Drawings

Rain-resistant type

- Built-in LED, Built-in power supply unit
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP65
- Body: Aluminum die-casting (medium gray metallic)
- Front Panel: Reinforced glass
- Weight: 1.6kg
- Compatible spike: YYY97173K (Sold separately)
- Compatible floor-mounting plate: YYY36004 (Sold separately)

Note

- Do not mount in locations where there is risk of flooding or water is likely to collect.
- Cannot be mounted facing any other direction than one shown in photo.

*1 Brightnesses shown are approximate, provisional figures, and are subject to change without notice.

Note: Numerical data, photographs, dimension diagrams, and light distribution data figures for new products are provisional, and are subject to change without notice.

Options (Sold separately)

For 1100 lm, 700 lm type

Diffusion lens
YYY90104



Spread lens
YYY36000
• Weight: 0.04kg



Honeycomb louver
YYY90204



Snoot
YYY95150

- Body: Stainless steel, Medium gray metallic



Note:
Depending on distance from light source, illumination of lit surface may be uneven.
Please do not use in locations such as on walls where uneven illumination will pose a problem.

For 300 lm type

Diffusion lens
YYY90102



Spread lens
YYY95000



Honeycomb louver
YYY90202



Snoot
YYY95110

- Body: Stainless steel, Medium gray metallic



Note:
Depending on distance from light source, illumination of lit surface may be uneven.
Please do not use in locations such as on walls where uneven illumination will pose a problem.

For freely mountable type

Embedded Box
YYY90130

- Width: 200, Height: 200, Thickness: 130
- Body: Stainless steel
- Weight: 1.2kg



Note:

- Embedding box opens from the bottom. Please be sure to install wastewater treatment pipes.
- If mounting in a location where it can easily be touched, fasten the embedding box in place with mortar, etc. so that the light fixture does not move.

For specialized wall-mounted type

Cover for embedded box
DS4611

- Medium-sized square switch cover
- Width: 106, Height: 106, Thickness: 13
- Body: Electro galvanized steel plate
- JIS C8340
- Weight: 0.1kg



Embedded Box
DS37544

- Medium-sized square outlet box deep type
- Width: 102, Height: 102, Thickness: 54
- Body: Electro galvanized steel plate
- JIS C8340
- Weight: 0.35kg
- Side knockout G16 (C19) x 1, G22 (C25) x 1



For specialized floor-standing type

Spike
YYY97173K

- Body: Stainless steel, Medium gray metallic
- Weight: 0.38kg



Floor-mounting plate
YYY36004

- Width: ø150
- Weight: 0.32kg





*1 Brightnesses shown are approximate, provisional figures, and are subject to change without notice.

Note: Numerical data, photographs, dimension diagrams, and light distribution data figures for new products are provisional, and are subject to change without notice.

LOW-POLE LIGHT

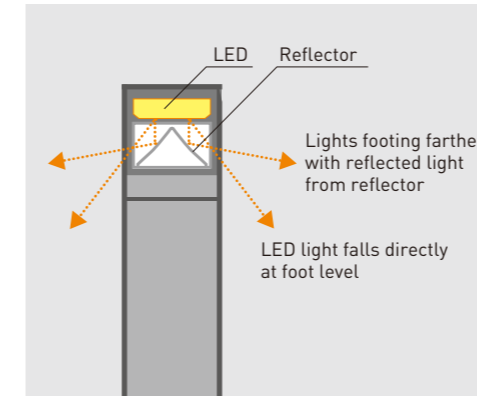


			H=1000mm		H=600mm	
			Normal LED (CRI 85)	Normal LED (CRI 70)	Normal LED (CRI 85)	Normal LED (CRI 70)
Full-circumference light distribution type (white reflector)		3000K	●	—	●	—
		5000K	—	●	—	●
Full-circumference light distribution type (black reflector)		3000K	●	—	●	—
		5000K	—	●	—	●
Diffusion distribution type (milky white)		3000K	●	—	●	—
		5000K	—	●	—	●

These low-pole lights were carefully designed to provide well-lit pathways while at the same time minimizing uncomfortable glare.

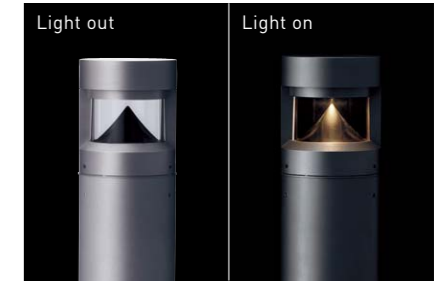
Reflector design for efficient light dispersal

Efficiently directs the LED light downward. Secures sufficient light for plantings and footing.



White reflector

Enhances the sense of brightness with efficient lighting.



Black reflector

Reflector luminance is suppressed to light footing clearly without shining directly into your eyes.

Simple and beautiful form which combines functionality and sturdiness

Select from diverse variations to suit a variety of contexts.



Full-circumference
light distribution type
(white reflector)



Full-circumference
light distribution type
(black reflector)



Diffusion distribution type
(milky white)

Full-circumference light distribution type (white reflector)



Normal LED

H=1000 **XY2901**
550 lm·10.7W·51.4 lm/W 3000K/CRI 85

H= 600 **XY2921**
550 lm·10.7W·51.4 lm/W 3000K/CRI 85

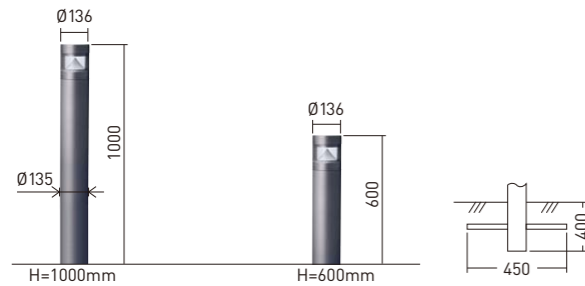
H=1000 **XY2900**
680 lm·10.7W·63.6 lm/W 5000K/CRI 70

H= 600 **XY2920**
680 lm·10.7W·63.6 lm/W 5000K/CRI 70

Specifications/Drawings

Rain-resistant type

Stainless steel pole



- LED socketable 100W equivalent
- AC100 to 242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- Body: Aluminum die-casting (medium gray metallic)
- Globe: Polycarbonate (transparent)
- Reflector: Plastic (white)
- Pole: Stainless steel (medium gray metallic)
- Pole diameter: $\phi 135$

Diffusion distribution type (milky white)



Normal LED

H=1000 **XY2909**
420 lm·10.7W·39.3 lm/W 3000K/CRI 85

H= 600 **XY2929**
420 lm·10.7W·39.3 lm/W 3000K/CRI 85

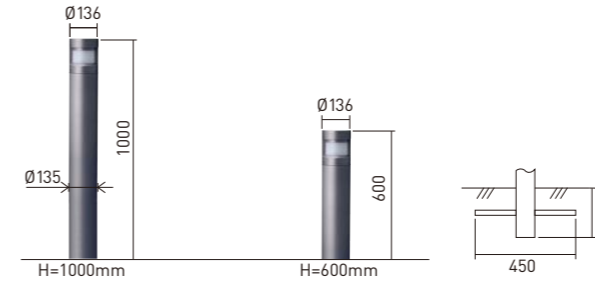
H=1000 **XY2908**
515 lm·10.7W·48.1 lm/W 5000K/CRI 70

H= 600 **XY2928**
515 lm·10.7W·48.1 lm/W 5000K/CRI 70

Specifications/Drawings

Rain-resistant type

Stainless steel pole



- LED socketable 100W equivalent
- AC 100 to 242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- Body: Aluminum die-casting (medium gray metallic)
- Globe: Polycarbonate (milky white)
- Reflector: Plastic (white)
- Pole: Stainless steel (medium gray metallic)
- Pole diameter: $\phi 135$

Full-circumference light distribution type (black reflector)



Normal LED

H=1000 **XY2905**
365 lm·10.7W·34.1 lm/W 3000K/CRI 85

H= 600 **XY2925**
365 lm·10.7W·34.1 lm/W 3000K/CRI 85

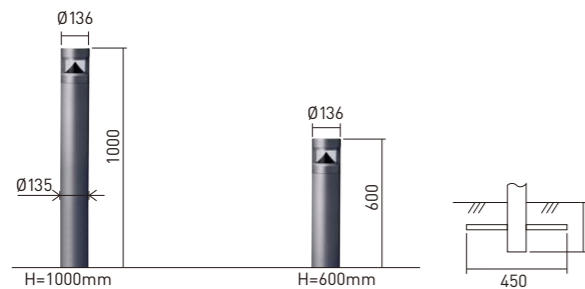
H=1000 **XY2904**
450 lm·10.7W·42.1 lm/W 5000K/CRI 70

H= 600 **XY2924**
450 lm·10.7W·42.1 lm/W 5000K/CRI 70

Specifications/Drawings

Rain-resistant type




Stainless steel pole



- LED socketable 100W equivalent
- AC 100 to 242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- Body: Aluminum die-casting (medium gray metallic)
- Globe: Polycarbonate (transparent)
- Reflector: Plastic (white)
- Pole: Stainless steel (medium gray metallic)
- Pole diameter: $\phi 135$

BURIED LIGHT ground-embedded type lighting fixtures



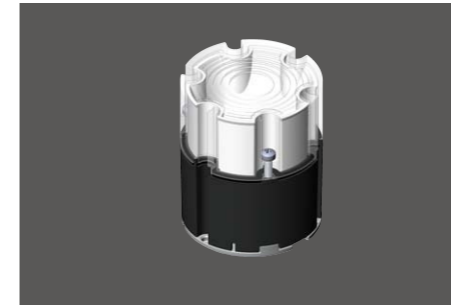
		3000K		4000K
		Vivid Light LED (CRI 84)	Normal LED (CRI 85)	Normal LED (CRI 85)
LED Buried Light Integrated packaged type	 Omnidirectional type	—	•	•
LED Buried Light Integrated packaged type	 Shielded type	—	•	•
LED Buried Light Integrated packaged type	 Honeycomb louver type	—	•	•
LED 350 type	Medium-angle type	•	•	•
	Wide-angle type	•	•	•
LED 200 type	Medium-angle type	•	•	•
	Wide-angle type	•	•	•

LED Buried Light Integrated packaged type

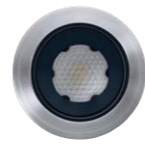



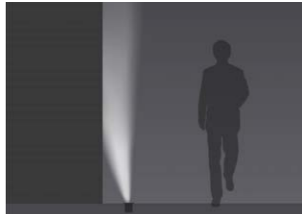

Beautiful light distribution with minimized glare.
Multiple light distribution variations are available for different applications.

Waterproof LED with internal power source achieves both high power and compact size

Eye-pleasing, screw-free flat form



Light distribution variations tailored to various applications

		Omnidirectional type	Shielded type	Honeycomb louver type
				
				
		For a wide range of applications	For illuminating walls and columns	For lighting vegetation
1/2 beam angle	20°	•	•	•
	35°	•	•	•
Color temperature	4000K	•	•	•
	3000K	•	•	•

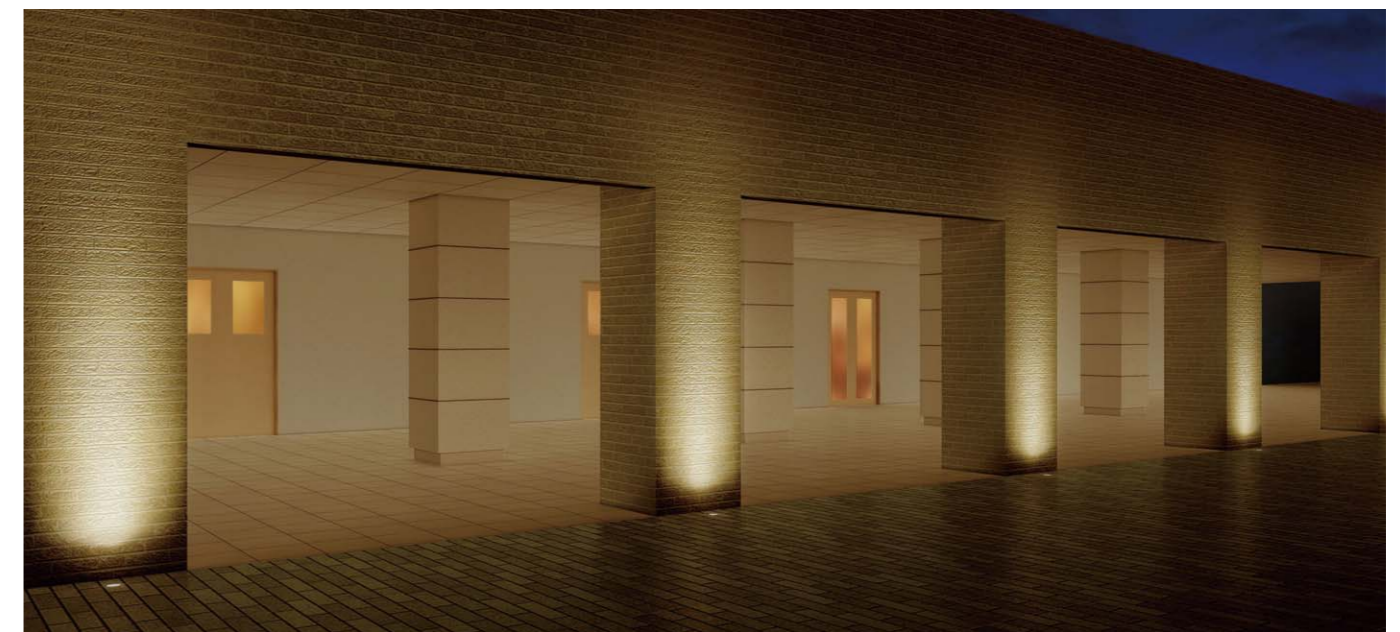
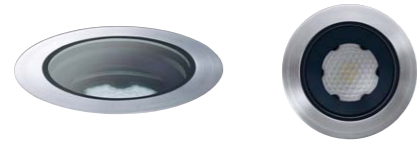
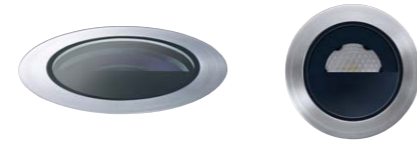


Photo is a simulated image.

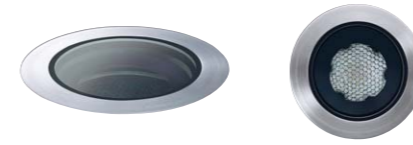
LED Buried Light Integrated packaged type



Omnidirectional type



Shielded type

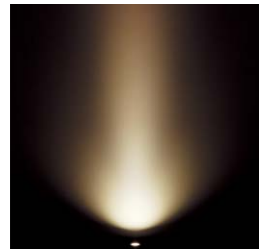


Honeycomb louver type

Normal LED

YYY66121 type

306 lm, 8.6W, 35.6 lm/W
3000K/CRI 85



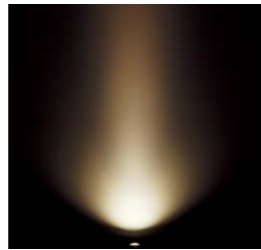
YYY66141 type

337 lm, 8.6W, 39.2 lm/W
3000K/CRI 85



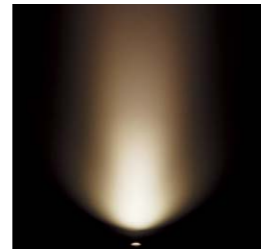
YYY66125 type

147 lm, 8.6W, 17.1 lm/W
3000K/CRI 85



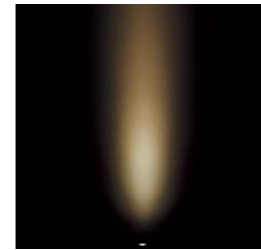
YYY66145 type

159 lm, 8.6W, 18.5 lm/W
3000K/CRI 85



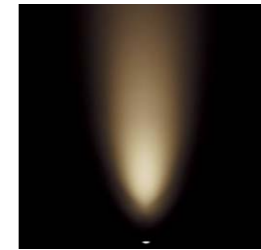
YYY66161 type

56 lm, 8.6W, 6.5 lm/W
3000K/CRI 85



YYY66165 type

66 lm, 8.6W, 7.7 lm/W
3000K/CRI 85



YYY66120 type

323 lm, 8.6W, 37.6 lm/W
4000K/CRI 85



YYY66140 type

356 lm, 8.6W, 41.4 lm/W
4000K/CRI 85



YYY66124 type

155 lm, 8.6W, 18.0 lm/W
4000K/CRI 85



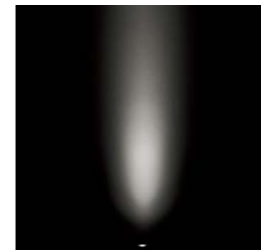
YYY66144 type

168 lm, 8.6W, 19.5 lm/W
4000K/CRI 85



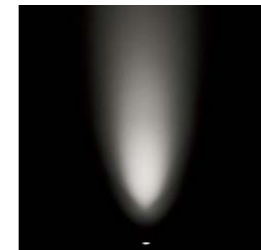
YYY66160 type

59 lm, 8.6W, 6.9 lm/W
4000K/CRI 85



YYY66164 type

70 lm, 8.6W, 8.1 lm/W
4000K/CRI 85

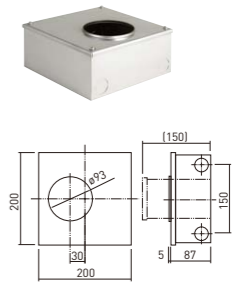


Options (Sold separately)

Embedded box for mortar construction

NNY28515

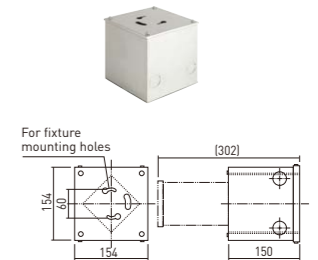
- Body: Stainless steel
- Weight: 1.1kg
- Compatible fixture: YYY66120, YYY66121, YYY66124, YYY66125, YYY66140, YYY66141, YYY66144, YYY66145, YYY66160, YYY66161, YYY66164, YYY66165



Embedded box for soil installation

NNY28516

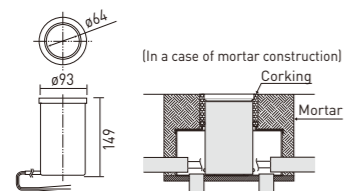
- Body: Stainless steel
- Weight: 1.2kg
- Compatible fixture: YYY66120, YYY66121, YYY66124, YYY66125, YYY66140, YYY66141, YYY66144, YYY66145, YYY66160, YYY66161, YYY66164, YYY66165



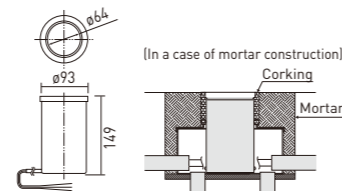
Specifications/Drawings

Rain-resistant type

- Waterproof LED unit with internal power source
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP67
- Body: Stainless steel
- Front Panel: Hard glass
- Frame: Stainless steel (hairline finish)
- Weight: 2.2kg
- Compatible embedding box: NNY28515(Sold separately), NNY28516(Sold separately)

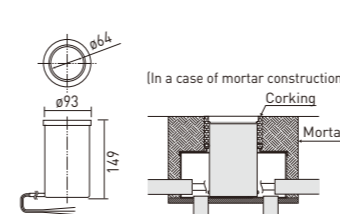


- Waterproof LED unit with internal power source
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP67
- Body: Stainless steel
- Front Panel: Hard glass (with internal black silk printing in some areas)
- Frame: Stainless steel (hairline finish)
- Weight: 2.2kg
- Compatible embedding box: NNY28515(Sold separately), NNY28516(Sold separately)



- Note
- Please use compatible embedding box.
 - Do not install in locations where metal-wheeled vehicles, heavy load-bearing vehicles, or standard vehicles pass through.
 - Corking must be removed when performing fixture maintenance.

- Waterproof LED unit with internal power source
- AC 200-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- IP67
- Body: Stainless steel
- Front Panel: Hard glass
- Honeycomb louver: Aluminum (black coated)
- Frame: Stainless steel (hairline finish)
- Weight: 2.2kg
- Compatible embedding box: NNY28515(Sold separately), NNY28516(Sold separately)



- Note
- Please use compatible embedding box.
 - Do not install in locations where metal-wheeled vehicles, heavy load-bearing vehicles, or standard vehicles pass through.
 - Corking must be removed when performing fixture maintenance.

LED Universal Type Integrated packaged type

Compact design blends into the interior, scalloping minimized for beautiful light distribution.



YYY66202Z LE9

Compact 200mm diameter



Surface temperature low enough to touch safely



Surface temperature is below 60°C, can be touched without risk of injury.

Thoroughly water-resistant design (IP67)

Highly rust-resistant stainless steel is employed, with every part from body to screws thoroughly resistant to corrosion.

Ribbed washer structure boosts sealability and prevents water from leaking in.

Hard-wired sections inside and outside fixture are resin-filled to prevent water from leaking into fixture.

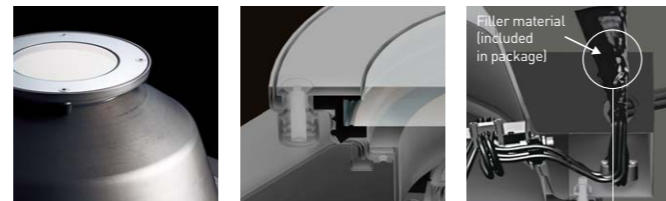
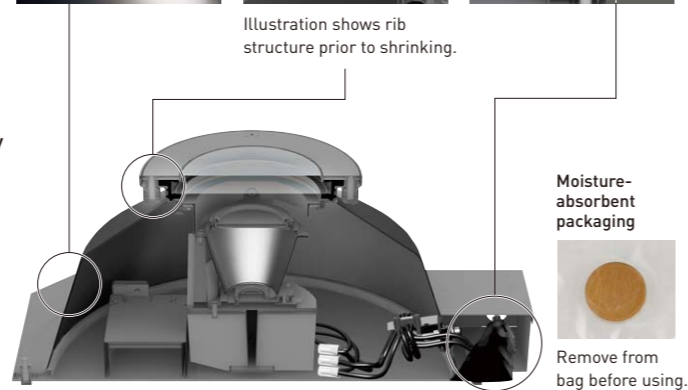


Illustration shows rib structure prior to shrinking.



Moisture-absorbent packaging

Remove from bag before using.

Light distribution variations tailored to various applications

1/2 beam angle	20°	35°	Super-wide-angle (15-degree irradiation of wall)
	YYY66203Z	YYY66205Z	YYY66205Z + YYY66530
LED Integrated packaged type (Equiv.CDM-T70W)	YYY66202Z YYY66203Z YYY66233	YYY66204Z YYY66205Z YYY66255	YYY66204Z YYY66205Z + YYY66530 (Spread lens) YYY66255
LED Integrated packaged type (Equiv.CDM-T35W)	YYY66102Z YYY66103Z YYY66133	YYY66104Z YYY66105Z YYY66155	YYY66104Z YYY66105Z + YYY66530 (Spread lens) YYY66155

Vivid Light LED lineup

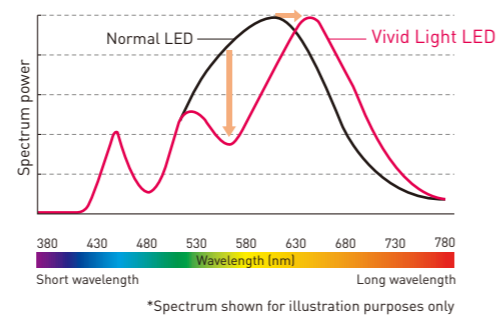
These new LEDs show the colors of vegetation or flowers at their most vivid. A single unit can vividly highlight a wide range of colors such as red, green, brown, white, etc., showing off the landscapes beautiful colors.



Illumination with Normal LED

Illumination with Vivid Light LED

Modulating light at wavelengths of around 580nm suppresses the yellow section of the spectrum, boosting color intensity. With peak wavelengths of the red section shifted toward longer wavelengths, reddish colors can also be shown at their most vivid.



"Specting" technology modulates coloration of illuminated object by restricting some sections of the spectrum

LED 350 type

(equivalent to CDM-T70W)



Medium-angle type

Vivid Light LED

YYY66233 LE9
634 lm-20W-31.7 lm/W
3000K/CRI 84

20°



Wide-angle type

YYY66255 LE9
708 lm-20W-35.4 lm/W
3000K/CRI 84

35°



LED 200 type

(equivalent to CDM-T35W)



Medium-angle type

YYY66133 LE9
378 lm-11W-34.4 lm/W
3000K/CRI 84

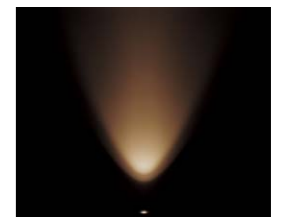
20°



Wide-angle type

YYY66155 LE9
386 lm-11W-35.1 lm/W
3000K/CRI 84

35°



Normal LED

YYY66203Z LE9
953 lm-20W-47.7 lm/W
3000K/CRI 85

YYY66205Z LE9
1065 lm-20W-53.3 lm/W
3000K/CRI 85

YYY66103Z LE9
591 lm-11W-53.7 lm/W
3000K/CRI 85

YYY66105Z LE9
604 lm-11W-54.9 lm/W
3000K/CRI 85

YYY66202Z LE9
1046 lm-20W-52.3 lm/W
4000K/CRI 85

YYY66204Z LE9
1169 lm-20W-58.5 lm/W
4000K/CRI 85

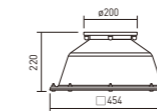
YYY66102Z LE9
640 lm-11W-58.2 lm/W
4000K/CRI 85

YYY66104Z LE9
655 lm-11W-59.5 lm/W
4000K/CRI 85

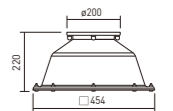
Specifications/Drawings

Rain-resistant type

- Built-in LED, Built-in power supply unit
- AC 100-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- Body: Stainless steel
- Front panel: Tempered glass (transparent)
- Frame: Stainless steel
- With light beam direction adjustment function(15 degree)
- Weight: 11.1kg



- Built-in LED, Built-in power supply unit
- AC 100-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- Body: Stainless steel
- Front panel: Tempered glass (transparent)
- Frame: Stainless steel
- With light beam direction adjustment function(15 degree)
- Weight: 11.1kg



Note

- Do not install in locations where metal-wheeled vehicles, heavy load-bearing vehicles, or standard vehicles pass through.

Options



Spread lens
YYY66530
• Weight: 0.1kg



Diffuse lens
YYY66531
• Weight: 0.1kg

20° Values are for spotlight beam angle.

SPOT LIGHT for signs and parking lots



Conceptual illustration

	3000K [CRI 85]	5000K [CRI 70]
400W mercury lamp equivalent	●	●
CDM-T150W equivalent	●	●
CDM-T70W equivalent	●	●

For signs (Horizontally long light distribution)

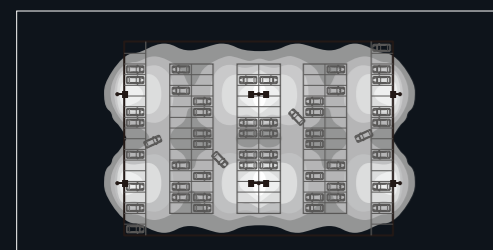
LEDs can save a great deal of electricity and extend light source life by approximately 3.8 times compared to HID*.
 (Assuming signboard size H 2 m x W 5 m, designed illuminance 500 lx)

	HID [CDM-TD70] [YA52886K]	LED [NNY24841]
Unit	2	2
Power consumption	190W (95W×2)	84.8W (42.4W×2) Approx. 55% less
Lifetime	16,000h	60,000h Approx. 3.8 times

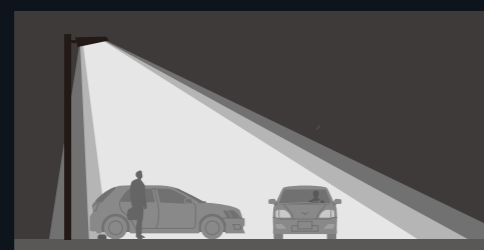
(Calculated with maintenance factors: CDM-TD70: 1.0; LED: 1.0) *HID: High Intensity Discharge lamp

For parking lots (Front wide light distribution)

This type of light distribution, conscious of light pollution to the rear, is recommended for parking lots.



Ex. installation for 120 vehicles



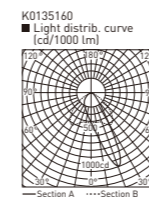
2 lx achieved in garage 10 lx achieved in driveway

400W mercury lamp equivalent



NNY24803

9000 lm-121.9W-73.8 lm/W
3000K/CRI 85

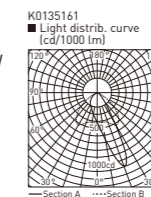


CDM-T150W equivalent



NNY24863

4500 lm-60.6W-74.3 lm/W
3000K/CRI 85

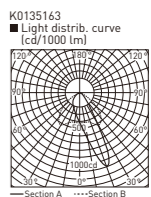


CDM-T70W equivalent



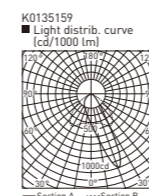
NNY24843

3200 lm-42.4W-75.5 lm/W
3000K / CRI 85



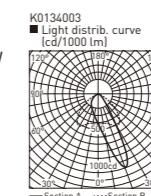
NNY24801

11800 lm-121.9W-96.8 lm/W
5000K/CRI 70



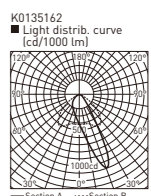
NNY24861

5900 lm-60.6W-97.4 lm/W
5000K/CRI 70



NNY24841

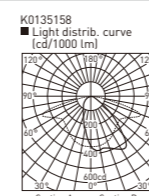
4200 lm-42.4W-99.1 lm/W
5000K / CRI 70



For parking lots Front wide light distribution

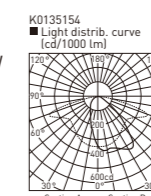
NNY24807

8240 lm-121.9W-67.6 lm/W
3000K/CRI 85



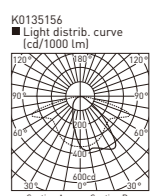
NNY24867

4500 lm-60.6W-74.3 lm/W
3000K/CRI 85



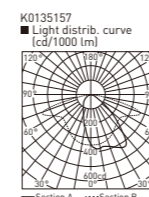
NNY24847

3200 lm-42.4W-75.5 lm/W
3000K/CRI 85



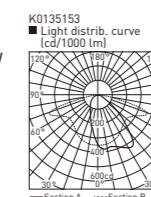
NNY24805

11000 lm-121.9W-90.2 lm/W
5000K/CRI 70



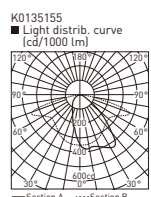
NNY24865

5900 lm-60.6W-97.4 lm/W
5000K/CRI 70



NNY24845

4200 lm-42.4W-99.1 lm/W
5000K/CRI 70

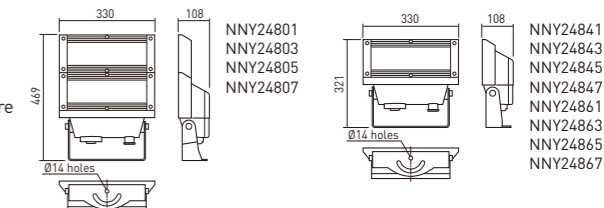


Specifications/Drawings

Rain-resistant type

- Built-in LED, Built-in power supply unit
- AC100-242V
- Lifetime: 60,000h (luminous flux maintenance rate 80%)
- Body: Aluminum die-casting (medium grey metallic)
- Panel: Tempered glass
- Surge resistance: 15 kV (common mode)
- Power connector can be stored inside the fixture
- Wind resistance 60 m/s

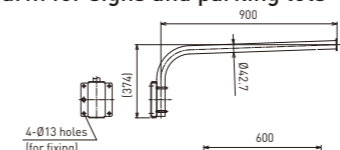
Note
Not dimmable



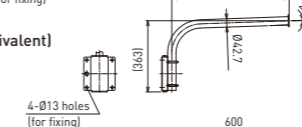
Options

LED spotlight arm for signs and parking lots

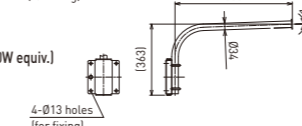
L900 type
NNY28428
Arm size: Ø42.7



L600 type
(400W mercury lamp equivalent)
NNY28426
Arm size: Ø42.7



L600 type
(CDM-T150W equiv. or CDM-T70W equiv.)
NNY28422
Arm size: Ø34



Pole fixing bracket

NNY28587

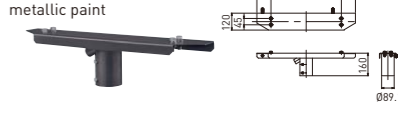
- Fixing bracket for 1 lamp
- Eco-friendly molten zinc plating with medium gray metallic paint



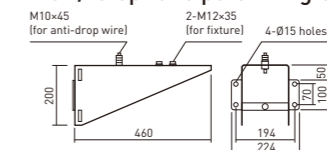
Pole fixing bracket

NNY28588

- Fixing bracket for 2 lamps
- Eco-friendly molten zinc plating with medium gray metallic paint



Wall/telephone pole fixing bracket (Custom)



Specifications
• Drawing number: YK05183K15-Q

ARCHITECTURAL LIGHT



Maruito Tanimachi Building

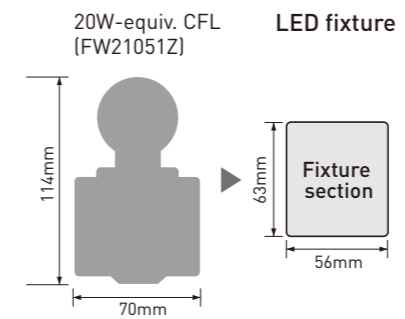
	3000K (CRI 85)	4000K (CRI 85)
L600 type	●	—
L600 type	—	●
L1200 type	●	—
L1200 type	—	●

- Support a wide range of architectural applications, indoors and outdoors
- Resist moisture and rain for easy outdoor use
- Beautiful light that can be strung together smoothly
- Include a power supply unit to save wiring work
- A rich lineup supports various applications

Line type: 800 class

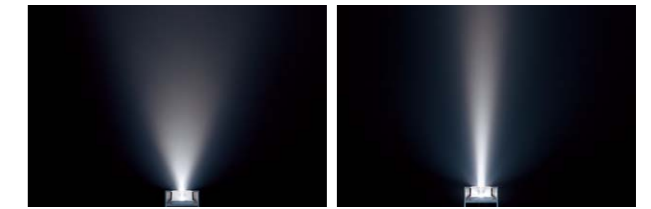
Compact and simple design thanks to LEDs

A compact fixture section compared to conventional CFLs makes these easy to install in limited space.



Two types of light distribution: Choose for your light effect

According to your application, you can choose from the medium-angle type, good for light-up effects, and the wide-angle type, good for incorporating into bridge railings to illuminate walkways, for example.

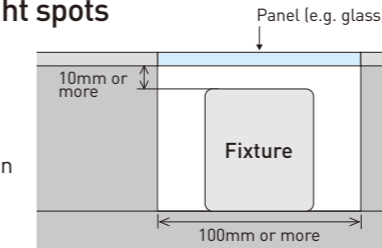


Wide angle

Medium angle

Supports construction in various spaces including tight spots

Construction can be performed in tight spots covered by glass, etc. (There are dimensional regulations for construction space.)



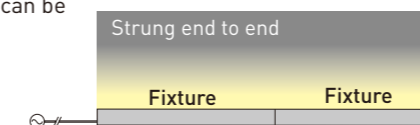
Connectors in the fixture connect for easy construction

Connectors can be used for easy wiring of fixtures on-site.

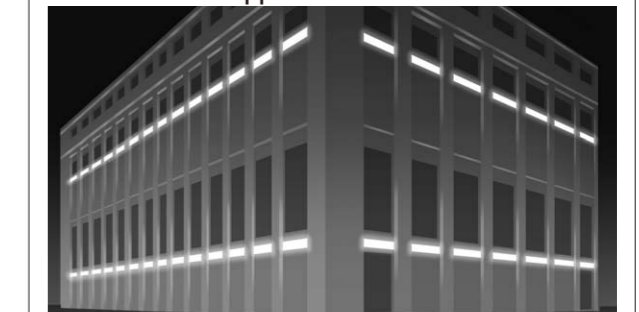


Continuous, beautiful light can be shown

Continuous line light can be shown, unbroken by fixture joints.



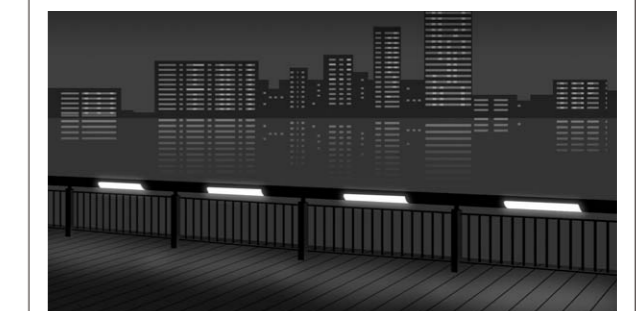
Recommended applications



Building light-up

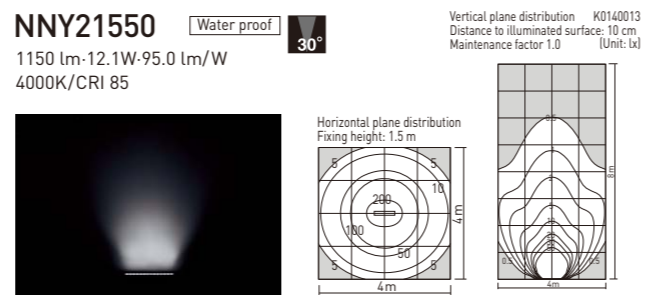
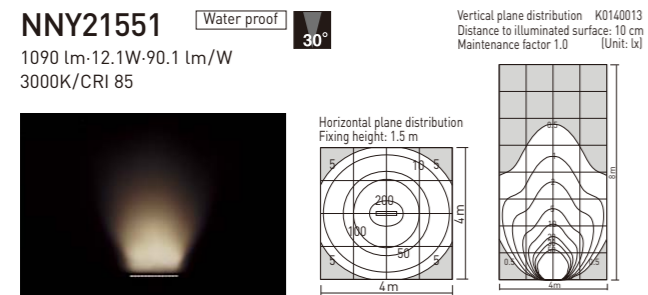
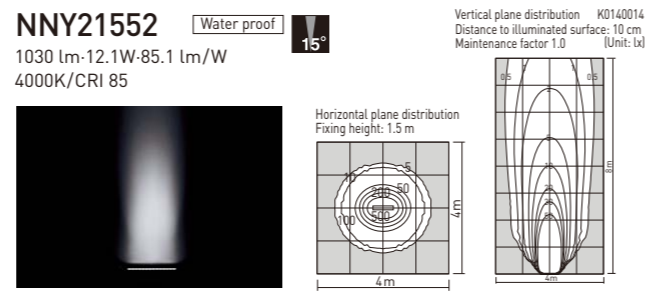
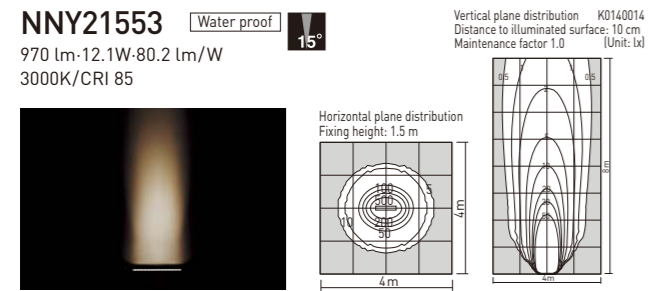


Tree light-up

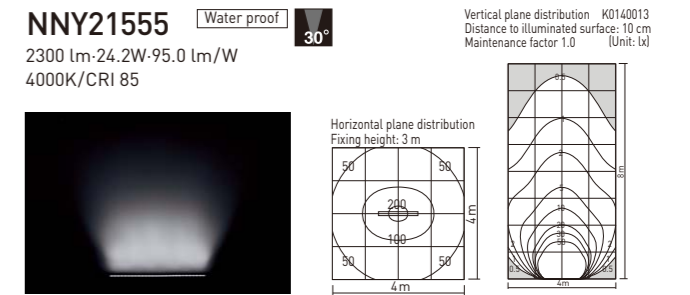
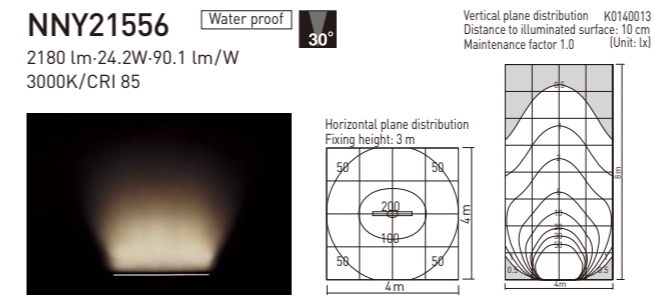
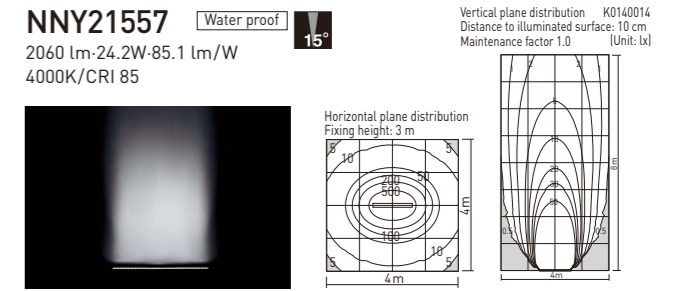
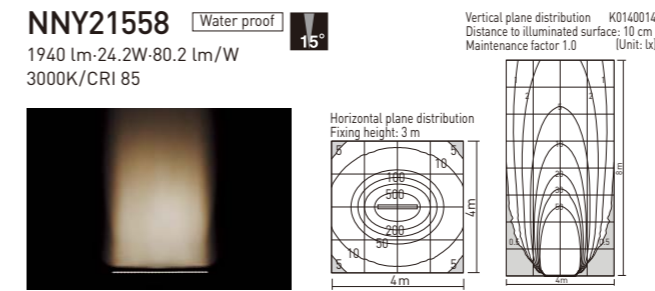


Railings

L600 type



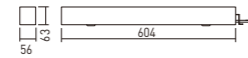
L1200 type



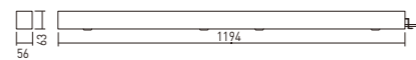
Specifications/Drawings

- Built-in LED, Built-in power supply unit
- AC 100 to 242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- Body: Aluminum
- Front panel (lens): Acrylic

L600 type



L1200 type



- Note
- Designated power cable: NNY28504 (sold separately)
 - Junction cable: NNY28505 (sold separately)
 - Inquire for details regarding numbers connectable, etc.
 - Use the dedicated power and signal cables.
 - Always use the covers (NNY28566) on the start and end parts of the fixture.
 - If installing where splashing may occur, see the approval drawing.

Options

Power cable



NNY28504

- Specifications
- Cable length: 1 m
 - Weight: 0.1kg

Remarks

- Length can be customized to order (1 m to 15 m).

Junction cable



NNY28505

- Specifications
- Cable length: 1 m
 - Weight: 0.1kg

Remarks

- Length can be customized to order (0.2 m to 15 m).

Covers



NNY28566

- Specifications
- Body: Zn-Al-alloy-plated steel sheet

Remarks

- Set of 2
- Note: Always use on the start and end parts.

Angle adjustment brackets



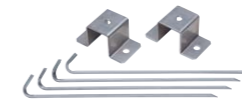
NNY28557

- Specifications
- Body: Stainless steel

Remarks

- Set of 2

Fixing brackets and pegs



NNY28558

- Specifications
- Pegs: Steel sheet

Remarks

- 2 fixing brackets, 4 pegs

Specifications

- Common to all

Remarks

- Compatible fixtures:
 NNY21550-NNY21551
 NNY21552-NNY21553
 NNY21555-NNY21556
 NNY21557-NNY21558

UPPER BRACKET

Versatile indoor/outdoor type



Photo shows a synthesized simulation



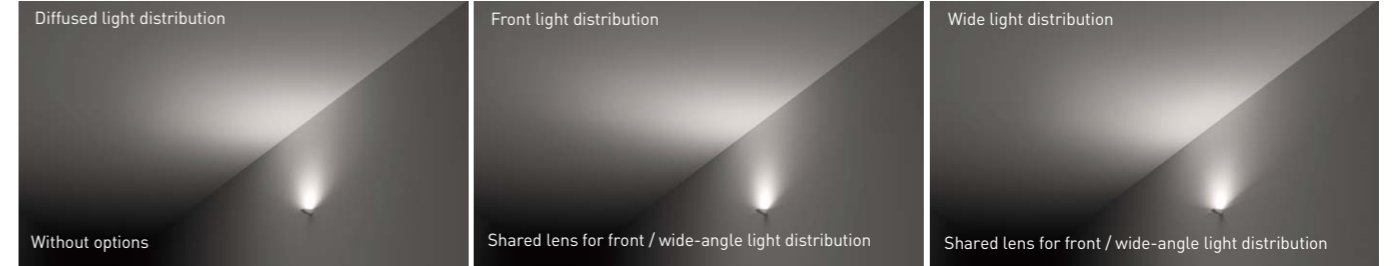
Photo shows a synthesized simulation

	3000K (CRI 85)	4000K (CRI 85)
LED 450 type	•	•
LED 250 type	•	•

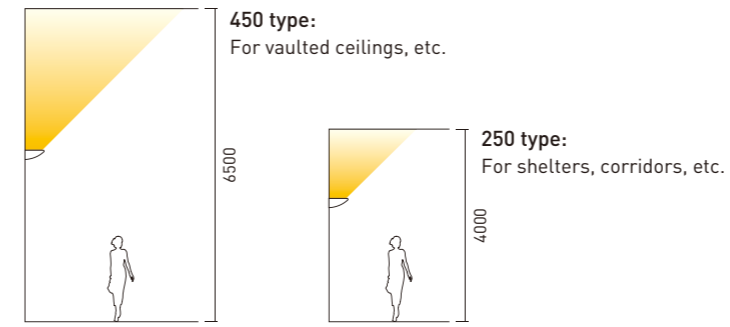
Upper light distribution type illuminates ceiling surface with very even light.

Three light distribution variations

Use of optional lens enables front and wide light distribution.



Choose from two brightness levels depending on type of space



LED 450 type

YYY46045

3920 lm, 71W, 55.2 lm/W
3000K/CRI 85

YYY46044

4235 lm, 71W, 59.6 lm/W
4000K/CRI 85



Diffused light distribution

LED 250 type

YYY46025

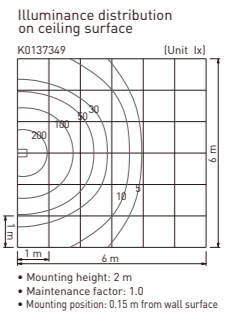
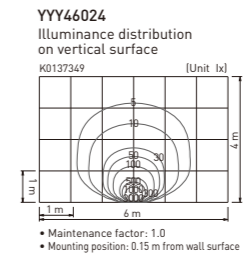
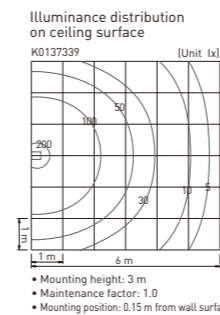
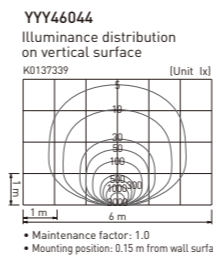
2280 lm, 39.5W, 57.7 l/W
3000K/CRI 85

YYY46024

2500 lm, 39.5W, 63.3 lm/W
4000K/CRI 85



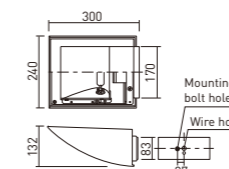
Diffused light distribution



Specifications/Drawings

Rain-resistant type

- Built-in LED, Built-in power supply unit
- AC 100-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- Body: Aluminum die-casting, (silver metallic matte finish)
- Panel: Hard glass
- Weight: LED 450 type: 5.3kg
LED 250 type: 5.2kg



Options (Sold separately)

Shared lens for front / wide-angle light distribution

- YYY96222
- Acrylic, Clear
- Set of two lenses (Two used for each fixture)



Specialized hood

- YYY96204
- Body: Stainless steel, Off-black matte finish



SOFFIT OUTBOW



	3000K (CRI 85)	4000K (CRI 85)	5000K (CRI 70)
LED 200 type			
LED 150 type			
LED 100 type			

Beautiful light and shadow

Our integrated packaged LEDs collect all the light-emitting parts into one. This gets rid of the multiple shadows and scallops typical of previous LEDs.

Conventional LED
(multi-core)



Natural shadow



The old lights had multiple shadows

COB
(chip on board) LED



Using integrated packaged LEDs gets rid of multiple shadows

Beautiful light on walls



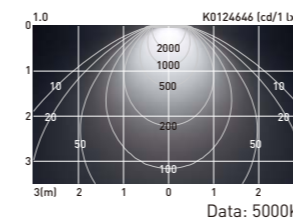
Multiple scallops are reduced

LED 200 type



Fixture luminous flux (brightness)
1990lm [At 5000K, CRI 70]

Diffusion: **80°**



Power consumption **19.9W**

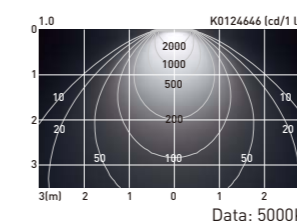
- NNN54028W**
1545 lm-77.6 lm/W 3000K/CRI 85
- NNN54026W**
1695 lm-85.2 lm/W 4000K/CRI 85
- NNN54025W**
1990 lm-100.0 lm/W 5000K/CRI 70

LED 150 type



Fixture luminous flux (brightness)
1605lm [At 5000K, CRI 70]

Diffusion: **80°**



Power consumption **16.5W**

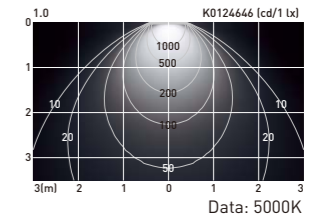
- NNN53028W**
1270 lm-77.0 lm/W 3000K/CRI 85
- NNN53026W**
1380 lm-83.6 lm/W 4000K/CRI 85
- NNN53025W**
1605 lm-97.3 lm/W 5000K/CRI 70

LED 100 type



Fixture luminous flux (brightness)
1035lm [At 5000K, CRI 70]

Diffusion: **80°**



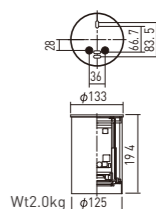
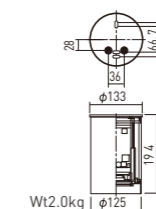
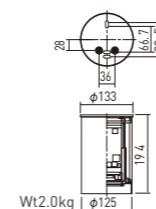
Power consumption **11.1W**

- NNN52028W**
825 lm-74.3 lm/W 3000K/CRI 85
- NNN52026W**
895 lm-80.6 lm/W 4000K/CRI 85
- NNN52025W**
1035 lm-93.2 lm/W 5000K/CRI 70

Specifications / Drawings

Rain-resistant type

- Build-in LED, Build-in power supply unit
- AC 100-240V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- Not dimmable
- Body: Aluminum (cool white matte finish)
- Panel: Glass (clear matte)
- For ceiling use



SOFFIT DOWNLIGHT

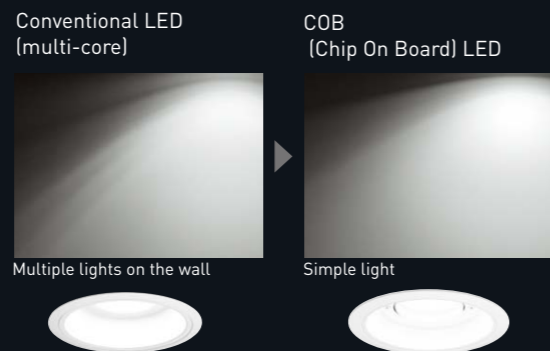


	3000K (CRI 85)	4000K (CRI 85)	5000K (CRI 70)
LED 1000 type	●	●	●
LED 550 type	●	●	●
LED 350 type	●	●	●
LED 200 type	●	●	●
LED 150 type	●	●	●
LED 100 type	●	●	●

Use integrated packaged LEDs to produce beautiful light even close to walls. We have a rich lineup of soffit downlights, from 1000 to 100W equivalents.

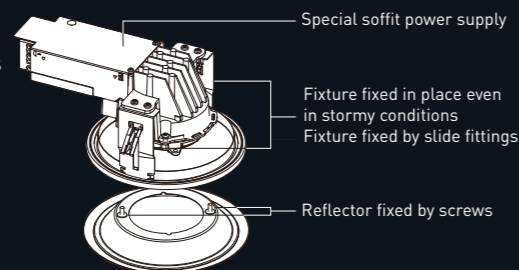
Beautiful light distribution on walls

Our integrated packaged LEDs collect all the light-emitting parts into one. Thanks to this, instead of casting the multiple lights typical of previous LEDs onto external building walls, they achieve a simple and beautiful distribution.



Refined quality under the soffit

A special power supply unit for soffit environments takes into account the possibility of condensation from temperature difference with the outside air. Also, the fixture is fixed by slide fittings and the reflector is fixed by screws. This design keeps the fixture fixed in place even in stormy conditions. [Applies to LED 200/150/100 type]



LED 1000 type



Fixture luminous flux (brightness)
8020lm (At 5000K)

Wide angle: **50°** (250)

Power consumption **93.7W**

- NDNN77283**
6300 lm·67.2 lm/W 3000K/CRI 85
- NDNN77281**
6835 lm·72.9 lm/W 4000K/CRI 85
- NDNN77280**
8020 lm·85.6 lm/W 5000K/CRI 70

LED 550 type



Fixture luminous flux (brightness)
5120lm (At 5000K)

Wide angle: **45°** (200)

Power consumption **53.5W**

- NDNN77273**
3950 lm·73.8 lm/W 3000K/CRI 85
- NDNN77271**
4285 lm·80.1 lm/W 4000K/CRI 85
- NDNN77270**
5120 lm·95.7 lm/W 5000K/CRI 70

LED 350 type



Fixture luminous flux (brightness)
3355lm (At 5000K, diffusion 85°)

Wide angle: **50°** (200)

Power consumption **35.3W**

- NDNN75053**
2470 lm·70.0 lm/W 3000K/CRI 85
- NDNN75051**
2670 lm·75.6 lm/W 4000K/CRI 85
- NDNN75050**
3255 lm·92.2 lm/W 5000K/CRI 70

Wide angle: **85°** (200)

Power consumption **35.3W**

- NDNN75058**
2540 lm·72.0 lm/W 3000K/CRI 85
- NDNN75056**
2745 lm·77.8 lm/W 4000K/CRI 85
- NDNN75055**
3355 lm·95.0 lm/W 5000K/CRI 70

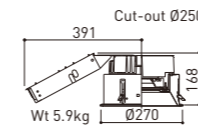
Specifications/Drawings

Rain-resistant type

- Build-in LED, Build-in power supply unit
- AC 100-242V
- Lifetime: 40,000 h (luminous flux maintenance rate 70%)
- Frame: Steel sheet (cool white matte finish)
- Panel: Glass (clear matte)

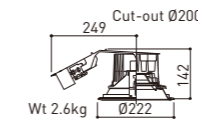
Proxim.lim. below:30cm

- Reflector (top): Plastic (Al-deposition mirror finish)



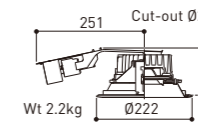
Proxim.lim. below:30cm

- Reflector (top): Plastic (Al-deposition mirror finish)



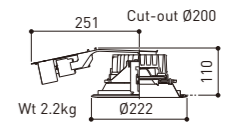
Proxim.lim. below:10cm

- Reflector: Steel sheet (cool white matte finish)



Proxim.lim. below:10cm

- Reflector (top): Plastic (high-reflection white)



LED 200 type



Fixture luminous flux (brightness)
1940lm (At 5000K)

Diffusion: **90°** (150)

Power consumption **19.9W**

- NNN74029**
1510 lm·75.9 lm/W 3000K/CRI 85
- NNN74026K**
1655 lm·83.2 lm/W 4000K/CRI 85
- NNN74025K**
1940 lm·97.5 lm/W 5000K/CRI 70

LED 150 type



Fixture luminous flux (brightness)
1480lm (At 5000K)

Diffusion: **90°** (150)

Power consumption **16.5W**

- NNN73029**
1175 lm·71.2 lm/W 3000K/CRI 85
- NNN73026K**
1275 lm·77.3 lm/W 4000K/CRI 85
- NNN73025K**
1480 lm·89.7 lm/W 5000K/CRI 70

LED 100 type



Fixture luminous flux (brightness)
1055lm (At 5000K)

Diffusion: **90°** (150)

Power consumption **11.1W**

- NNN72029**
840 lm·75.7 lm/W 3000K/CRI 85
- NNN72026K**
910 lm·82.0 lm/W 4000K/CRI 85
- NNN72025K**
1055 lm·95.0 lm/W 5000K/CRI 70

Specifications/Drawings

Rain-resistant type

- Build-in LED, Build-in power supply unit
- AC 100-242V
- Lifetime: 40,000h (luminous flux maintenance rate 70%)
- Not dimmable
- Shallow 10H
- Frame: Steel sheet (cool white matte finish)
- Panel: Acrylic (clear matte)

