

Industry's first ^{*1} UV irradiation intensity of over 10,000 mW/cm²^{*2} High Intensity Heads

^{*1} Based on our investigation as of April, 2011
^{*2} When equipped with the ø3 mm ø0.118 in lens

Space-saving standard head L = 50 mm 1.969 in



Standard head (365 nm wavelength):
High intensity head (365 nm wavelength):
385-nm wavelength head:

ANUJ6172 (with cable)
ANUJ6170
ANUJ6174



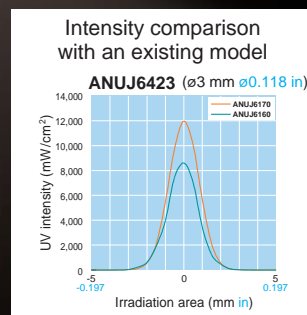
UJ30 controller

Easy-to-install long head L = 120 mm 4.724 in



Long head (365 nm wavelength):
Long high intensity head (365 nm wavelength):
Long 385-nm wavelength head:

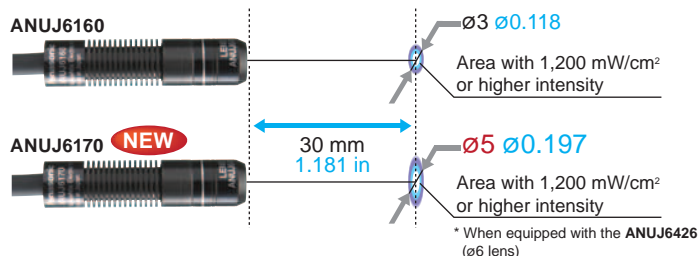
ANUJ6173 (with cable)
ANUJ6171
ANUJ6175



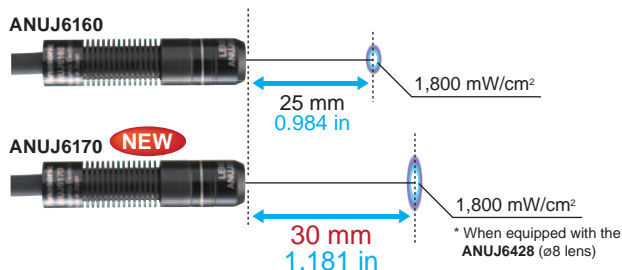
Install the metal attachment (ANUJ6804) or take other heat radiation measures.

Advantages of the higher power head

Higher irradiation intensity / Larger area



More freedom of choice of the head installation position



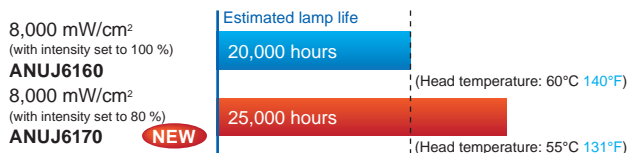
The increased irradiation intensity allows the head to be installed at a greater distance from the object, facilitating the installation work.

Shorter production cycle time



^{*} When equipped with the ANUJ6423 (ø3 ø0.118 lens) ^{*} The curing time varies with resin properties.
The irradiation intensity is 1.25-times that of our existing model (8,000 mW/cm²), which can reduce the production cycle time.

Longer life at the same irradiation intensity



^{*} When equipped with the ANUJ6423 (ø3 ø0.118 lens)
When continuously irradiating at an ambient temperature of 25°C 77°F with the standard metal attachment attached
The lamp life is not a guaranteed value.

SPECIFICATIONS

Standard head *1	Head model No.	ANUJ6172 ANUJ6173					
	Cable length	1.9 m 6.234 ft (ANUJ6172) 1.83 m 6.004 ft (ANUJ6173)					
	Compatible lens	Spot diameter	ø3 mm ø0.118 in	ø4 mm ø0.157 in	ø6 mm ø0.236 in	ø8 mm ø0.315 in	ø10 mm ø0.394 in
		Lens model No.	ANUJ6423	ANUJ6424	ANUJ6426	ANUJ6428	ANUJ6420
	Irradiation intensity (mW/cm ²)*2	9,300	7,900	3,600	1,700	640	
Irradiation distance	10 mm 0.394 in	12 mm 0.472 in	20 mm 0.787 in	25 mm 0.984 in	30 mm 1.181 in		
High intensity head	Head model No.	ANUJ6170 ANUJ6171					
	Cable length	0.2 m 0.656 ft (ANUJ6170) 0.13 m 0.427 ft (ANUJ6171) A connection cable (1.7 m 5.577 ft/3 m 9.843 ft/5 m 16.404 ft/7 m 22.966 ft/10 m 32.808 ft) is required for connection to the controller.					
	Compatible lens	Spot diameter	ø3 mm ø0.118 in	ø4 mm ø0.157 in	ø6 mm ø0.236 in	ø8 mm ø0.315 in	ø10 mm ø0.394 in
		Lens model No.	ANUJ6423	ANUJ6424	ANUJ6426	ANUJ6428	ANUJ6420
	Irradiation intensity (mW/cm ²)*2	10,100	8,600	3,900	2,000	710	
Irradiation distance	10 mm 0.394 in	12 mm 0.472 in	20 mm 0.787 in	25 mm 0.984 in	30 mm 1.181 in		
385-nm wavelength head	Head model No.	ANUJ6174 ANUJ6175					
	Cable length	0.2 m 0.656 ft (ANUJ6174) 0.13 m 0.427 ft (ANUJ6175) A connection cable (1.7 m 5.577 ft/3 m 9.843 ft/5 m 16.404 ft/7 m 22.966 ft/10 m 32.808 ft) is required for connection to the controller.					
	Compatible lens	Spot diameter	ø3 mm ø0.118 in	ø4 mm ø0.157 in	ø6 mm ø0.236 in	ø8 mm ø0.315 in	ø10 mm ø0.394 in
		Lens model No.	ANUJ6423	ANUJ6424	ANUJ6426	ANUJ6428	ANUJ6420
	Irradiation intensity (mW/cm ²)*2	12,800	10,300	4,900	2,600	870	
Irradiation distance	10 mm 0.394 in	12 mm 0.472 in	20 mm 0.787 in	25 mm 0.984 in	30 mm 1.181 in		
Common item	Light source	Class 3B LED product					
	Estimated light source life *3	20,000 hours (When the temperature of the LED in the head is 60 °C 140 °F or less.)					
	Operating temperature and humidity	+5 to +35 °C +41 to +95 °F 30 to 85 % RH (No condensation at 25 °C 77 °F)					
	Storage temperature and humidity	-10 to +60 °C +14 to +140 °F 30 to 85 % RH (No condensation at 25 °C 77 °F)					

*1 The cable for standard heads is supplied in a fixed length.

*2 When being fixed to the metal attachment, the ambient temperature is 25 °C 77 °F, and the intensity is set to 100% (initial value).

*3 Not a guaranteed value.

CONTROLLERS

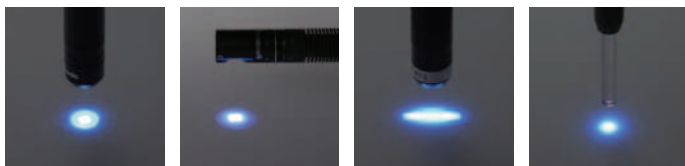
Item	UJ30 (Standard model)	UJ35 (High performance model)
Controller model No.	ANUJ3000	ANUJ3500

CONNECTION CABLES (for high intensity/385-nm heads)

Item	Cable length	Cable distance	Cable model No.
Connection cable	1.7 m 5.577 ft	ø5.5 ø0.217	ANUJ6220
	3 m 9.843 ft	ø5.5 ø0.217	ANUJ6230
	5 m 16.404 ft	ø7.6 ø0.299	ANUJ6250
	7 m 22.966 ft	ø7.6 ø0.299	ANUJ6270
	10 m 32.808 ft	ø7.6 ø0.299	ANUJ6200

LENSES

Standard lens Side view lens Cylindrical lens Rod lens



Circular irradiation
ANUJ642*

Circular irradiation,
Angled at 90°
ANUJ642*SV

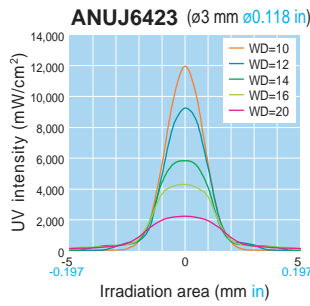
Elliptical irradiation
ANUJ64**S

Small diameter
circular irradiation
ANUJ64*7L

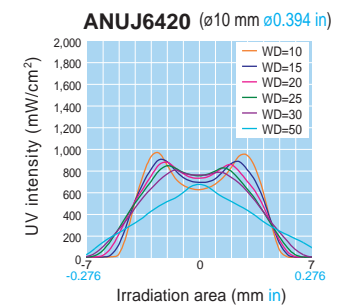
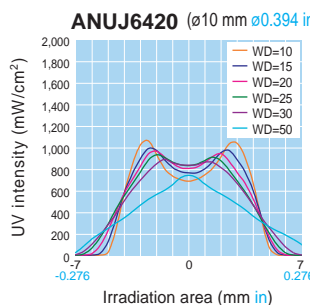
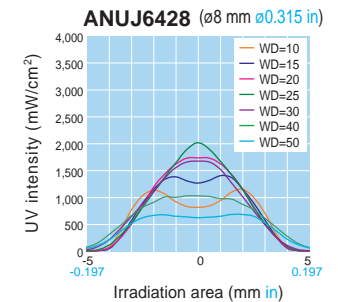
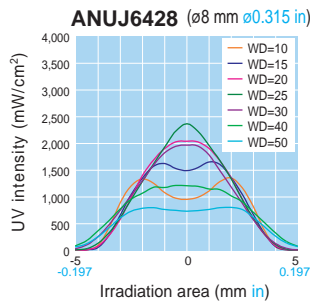
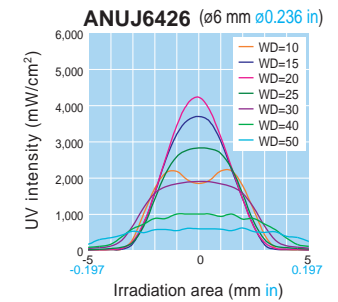
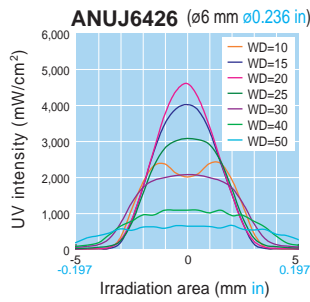
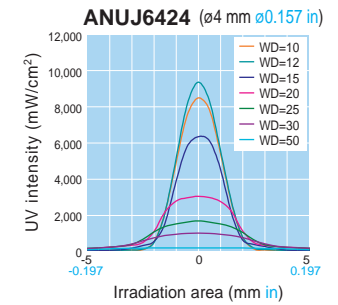
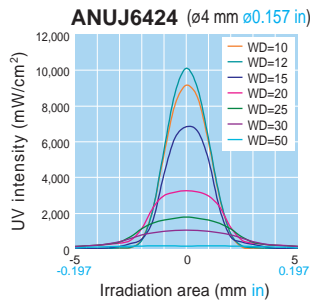
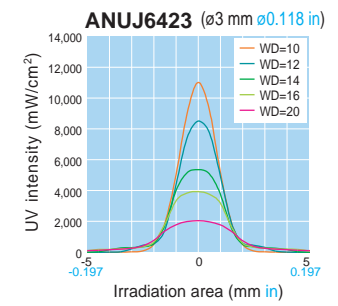
INTENSITY PROFILES (Typical example)

Standard lens data

High intensity head (ANUJ6170/6171)



Standard head (ANUJ6172/6173)



For other data, please visit the following website and see the UV intensity profiles.

<http://panasonic-denko.co.jp/ac/e/fasys/uv/led/uj30-uj35/index.jsp>