

Featuring Panasonic high-efficiency lens*¹ UV intensity equivalent to 20,000mW/cm² class*².

*¹ Lens embedded in the head of ANUJ6186 or ANUJ6188.
*² Peak value and representative value at an irradiation distance of 8 mm 0.315 in when ANUJ6186 or ANUJ6423 is used.



UJ35 controller

High-output head equipped with new high-efficiency lens

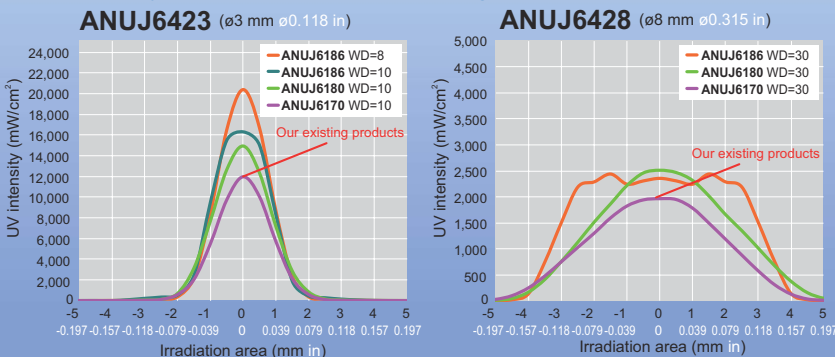
Wavelength 365nm	ANUJ6186
Wavelength 385nm	ANUJ6188

New heads inherit an existing intensity profile

Wavelength 365nm	ANUJ6180
Wavelength 385nm	ANUJ6184

Three advantages of the high-output head 1.7 times higher UV intensity compared to our existing models!

UV intensity comparison with existing models



The intensity profiles shown are representative values, not guaranteed values.
Install the metal attachment (ANUJ6804), or take other heat radiation measures.

- Advantage 1** Tact time can be significantly reduced.
- Advantage 2** The UV irradiation area can be significantly expanded.
- Advantage 3** If the same UV intensity as the existing head model is required, output can be reduced, which will save power and extend LED life.

Heads can be connected to any UJ series controller

An optional connection cable (existing product) is required to connect the head to the controller.
In high accuracy mode provided with the ANUJ5010, the ANUJ5012V2, the ANUJ5014V2, and the ANUJ5024 (UJ20), the UV intensity will become 80% of the UJ30/35 when the UV intensity setting is 100%.

SPECIFICATIONS

365-nm wavelength high-output head	Head model No.		ANUJ6186					Protective glass ³⁾
	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	Custom-made product	
	UV intensity (mW/cm ²) ¹⁾	17,200	14,940	7,560	4,450	1,360	530	
	Irradiation distance	8 mm 0.315 in	10 mm 0.394 in	15 mm 0.591 in	20 mm 0.787 in	30 mm 1.181 in	10 mm 0.394 in	
365-nm wavelength standard type	Head model No.		ANUJ6180					Protective glass ³⁾
	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	Custom-made product	
	UV intensity (mW/cm ²) ¹⁾	12,500	10,600	4,720	2,500	580	300	
	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	10 mm 0.394 in	
385-nm wavelength high-output head	Head model No.		ANUJ6188					Protective glass ³⁾
	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	Custom-made product	
	UV intensity (mW/cm ²) ¹⁾	19,500	16,920	8,680	4,750	1,400	580	
	Irradiation distance	8 mm 0.315 in	10 mm 0.394 in	15 mm 0.591 in	20 mm 0.787 in	30 mm 1.181 in	10 mm 0.394 in	
385-nm wavelength standard type	Head model No.		ANUJ6184					Protective glass ³⁾
	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	Custom-made product	
	UV intensity (mW/cm ²) ¹⁾	14,700	11,700	5,800	2,790	590	330	
	Irradiation distance	10 mm 0.394 in	12 mm 0.472 in	15 mm 0.591 in	20 mm 0.787 in	30 mm 1.181 in	10 mm 0.394 in	
Common item	Light source	Class 3B LED product (JIS C6802:2005) Risk group 3 (IEC62471)						
	Estimated light source life ²⁾	20,000 hours (when the LED temperature inside the head is 60°C 140°F)						
	Cable length	0.2 m 0.656 ft A connection cable is required to connect the high-output head to a UJ series controller.						
	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 values were measured using a UV illuminometer with ø1 mm ø0.039 in sensor hole when the high-output heads were fixed to the attachment, the ambient temperature was maintained at 25°C 77°F by the UJ30/35, and they were turned on with 100% output (initial value: based on Panasonic's reference measurement method).
Since the LED elements show illumination intensity fluctuations, the actual UV intensity may be more than 20% higher.
- *2 The value is not a guaranteed value.
- *3 It is recommended that protective glass (custom-made product) be used to protect the head-side lens from contamination when the high-output head is used without a lens. For further information about protective glass, contact our sales office.

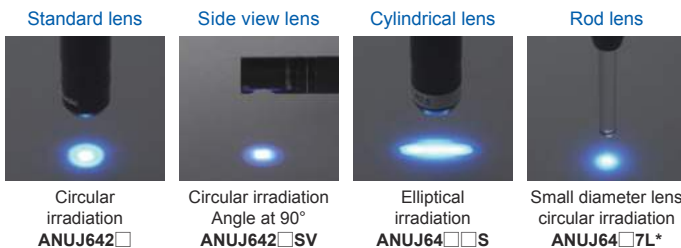
CONTROLLERS

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

CONNECTION CABLES (required to connect to the UJ series controller)

Item	Cable length	Cable diameter	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

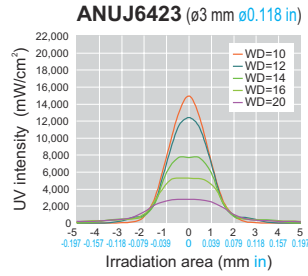
LENSES



* The ANUJ647L lens cannot be attached to the high-output heads ANUJ6186 or ANUJ6188.

INTENSITY PROFILES (typical examples)

Standard type (ANUJ6180)



High-output head (ANUJ6186)

