

LED Spotlight Active Cooling Module

Optimal Sound Quality

Prolong LED lighting's overall service life

High Reliability

► Spotlight

			
Model No.	LA002-012A9BDN	LA005-001A99DN	LA005-002A99DN
Module Dimension (mm)	φ 52 x 20	φ 70 x 51.5	φ 70 x 51.5
Weight (g)	48	183	183
Cooling Module Noise @ 1M, dB(A)	16.8	11.6	11.6
Rated Voltage (V)	5	12	12
Power Consumption (W)	0.21	0.28	0.28
Fan Speed (RPM)	3800	2200	2200
Heat Sink Material	ADC12	AL6063	AL6063
Fan Model No.	- -	HA60151V3-E04U-A99	HA60151V3-E04U-A99
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE
Multiple Holes ^{※1}	- -	- -	- -
Zhaga Holes	- -	Book3	Book3
Thermal Resistance (°C/W) ^{※2}	1.09	0.72	0.72
Experiment LED Module	Xicato XSM 8027-1300 (22.1W)	Xicato XSM 3000lm (45W)	Xicato XSM 3000lm (45W)

► Spotlight

					
Model No.	LA001-015A99DN	LA001-011A99DN	TA001-11002	LA001-012A99DN	LA001-013A99DN
Module Dimension (mm)	φ 86 x 30.5	φ 86 x 30.5	φ 86 x 30.5	φ 86 x 35	φ 86 x 35
Weight (g)	112	112	114	175	175
Cooling Module Noise @ 1M, dB(A)	13.8	13.8	14.0	15.2	15.2
Rated Voltage (V)	5	12	12	5	12
Power Consumption (W)	0.28	0.28	0.28	0.26	0.28
Fan Speed (RPM)	2200	2200	2200	2200	2200
Heat Sink Material	AL6063	AL6063	AL6063	AL6063	AL6063
Fan Model No.	HA60150V3-E03U-A99	HA60151V3-E00U-A99	HA60151V3-E00U-A99	HA60150V3-E03U-A99	HA60151V3-E00U-A99
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE
Multiple Holes ^{※1}	O	O	- -	- -	- -
Zhaga Holes	Book 3	Book 3	Book 3	- -	- -
Thermal Resistance (°C/W) ^{※2}	0.86	0.86	0.85	0.56	0.56
Experiment LED Module	Osram PrevaLEP-2100-840-C (25W)	Philips Fortimo LED SLM 1100/830 (17W)	Philips Fortimo LED SLM 1100/830 (17W)	GE Infusion Module M1500 Series (23W)	GE Infusion Module M1500 Series (23W)

※1 : Multiple Holes for Philips Fortimo SLM, Philips Lexel LED SLM, Osram PrevaLED, Tridonic Stark & Talex, Bridgelux RS Array / LS Array, Citizen CL-L330 / 340, Vossloh-Schwabe WU-M-Series, Zhaga.

※2 : Thermal Resistance is for reference only. (For more information please see the product specification of LED brand.)
Please test thermal resistance again by using on different applications.

LED Spotlight Active Cooling Module

Optimal Sound Quality

Prolong LED lighting's overall service life

High Reliability

Spotlight

			
Model No.	LA003-004A99DN	LA003-005A99DN	TA003-10003
Module Dimension (mm)	φ 86 x 52	φ 86 x 52	φ 86 x 52.5
Weight (g)	275	275	237
Cooling Module Noise @ 1M, dB(A)	16.3	16.3	15.1
Rated Voltage (V)	5	12	12
Power Consumption (W)	0.26	0.28	0.28
Fan Speed (RPM)	2200	2200	2200
Heat Sink Material	AL6063	AL6063	AL6063
Fan Model No.	HA60150V3-E03U-A99	HA60151V3-E00U-A99	HA60151V3-E00U-A99
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE
Multiple Holes ^{※1}	--	--	--
Zhaga Holes	--	--	Book 3
Thermal Resistance (°C/W) ^{※2}	0.26	0.26	0.70
Experiment LED Module	GE Infusion Module M3000 Series (46W)	GE Infusion Module M3000 Series (46W)	Philips Fortimo LED SLM 2000/830 (32W)

Spotlight

			
Model No.	LA004-003A99DN	TA004-10003	LA004-001A99DN
Module Dimension (mm)	φ 86 x 52.5	φ 86 x 52.5	φ 86 x 52.5
Weight (g)	231	233	231
Cooling Module Noise @ 1M, dB(A)	15.8	16.2	15.8
Rated Voltage (V)	12	12	5
Power Consumption (W)	0.35	0.34	0.40
Fan Speed (RPM)	2200	2200	2200
Heat Sink Material	AL6063	AL6063	AL6063
Fan Model No.	HA60151V3-E01U-A99	HA60151V3-E01U-A99	HA60150V3-E02U-A99
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE
Multiple Holes ^{※1}	O	--	--
Zhaga Holes	Book 3	--	--
Thermal Resistance (°C/W) ^{※2}	0.53	0.52	0.49
Experiment LED Module	Philips Fortimo LED SLM 3000/830 (43W)	Philips Fortimo LED SLM 3000/830 (43W)	Osram PrevaLEP-3000-840-C (39W)

※1 : Multiple Holes for Philips Fortimo SLM, Philips Lexel LED SLM, Osram PrevaLED, Tridonic Stark & Talex, Bridgelux RS Array / LS Array, Citizen CL-L330 / 340, Vossloh-Schwabe WU-M-Series, Zhaga.

※2 : Thermal Resistance is for reference only. (For more information please see the product specification of LED brand.)
Please test thermal resistance again by using on different applications.

LED Spotlight Active Cooling Module

Optimal Sound Quality
Prolong LED lighting's overall service life
High Reliability

► Spotlight



Model No.	LA006-001A99DN	LA006-002A99DN	LA006-003A99DN
Module Dimension (mm)	φ 90 x 52.5 mm	φ 90 x 52.5 mm	φ 90 x 52.5 mm
Weight (g)	302	302	302
Cooling Module Noise @ 1M, dB(A)	16	16.0	16.0
Rated Voltage (V)	12	12	5
Power Consumption (W)	0.34	0.39	0.35
Fan Speed (RPM)	2200	2200	2200
Heat Sink Material	AL6063	AL6063	AL6063
Fan Model No.	HA60151V3-E01U-A99	HA60151V3-E01U-A99	HA60151V3-E01U-A99
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE
Multiple Holes ^{※1}	--	--	--
Zhaga Holes	Book 3	--	Book 3
Thermal Resistance (°C/W) ^{※2}	0.48	1.04	0.48
Experiment LED Module	Philips Fortimo LED SLM 5000 (75W)	Citizen CLL030 (65W)	--

► Spotlight



Model No.	LM310-001A99DN
Module Dimension (mm)	121 x 92.3 x 66
Weight (g)	352
Cooling Module Noise @ 1M, dB(A)	17.8
Rated Voltage (V)	12
Power Consumption (W)	0.34
Fan Speed (RPM)	2200
Heat Sink Material	ADC10 (Base)+AL1050 (Fin)+C1100 (Heat Pipe & Base)
Fan Model No.	HA60151V3-E01U-A99
Safety	UL/CUR/TUV/CE
Multiple Holes ^{※1}	--
Zhaga Holes	Book 3
Thermal Resistance (°C/W) ^{※2}	0.33
Experiment LED Module	Citizen CLL050 (180W)

※1 : Multiple Holes for Philips Fortimo SLM, Philips Lixel LED SLM, Osram PrevaLED, Tridonic Stark & Talex, Bridgelux RS Array / LS Array, Citizen CL-L330 / 340, Vossloh-Schwabe WU-M-Series, Zhaga.

※2 : Thermal Resistance is for reference only. (For more information please see the product specification of LED brand.)
Please test thermal resistance again by using on different applications.