
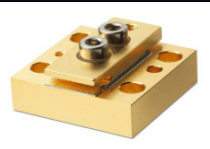


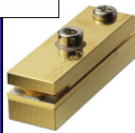

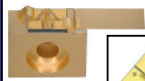
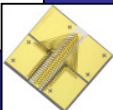

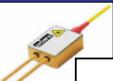



Modell	Optical power	Mode	Max. oper. current SOL	Max. oper. current EOL	Max. oper. Voltage	Power Supply recommendation ¹		Cooling ²
						AC/DC	DC/DC	
Laser bars (passively cooled)								
 DCS-xxx-14-01	14 W	CW	18 A	22 A	2 V	LDD-100-22-2	DDPC-22-2-xx-0F	passively
DCS-880-25-01	25 W	CW	35 A	42 A	2 V	LDD-100-40-2	DDPC-42-2-xx-0F	passively
DCS-xxx-50-01	50 W	CW	65 A	78 A	2 V	LDD-250-80-3	DDPC-70-2-24-0F	passively
BPC40C-10xx-01	40 W	CW	50 A	60 A	1,5 V	LDD-150-60-2	DDPC-60-2-24-0F	passively
 BPC40C-808-01	40 W	CW	42 A	50 A	1,8 V	LDD-100-50-2	DDPC-50-2-xx-0F	passively
BPC50C-9xx-01	50 W	CW	55 A	66 A	1,5 V	LDD-150-65-2	DDPC-65-2-24-0F	passively
BPC60C-808-01	60 W	CW	59 A	71 A	1,8 V	LDD-150-70-2	DDPC-70-2-24-0F	passively
BPC60C-9xx-02	60 W	CW	65 A	78 A	1,5 V	LDD-250-80-3	DDPC-70-2-24-0F	passively
BPC80C-9xx-01	80 W	CW	85 A	102 A	1,5 V	LDY-600-100-2	2x DDPC-50-2-xx-0F	passively
Laser bars (collimated)								
 HCS-810-35-01	35 W	CW	45 A	54 A	2 V	LDD-150-55-2	DDPC-55-2-24-0F	passively
HCS-808-50-01	50 W	CW	63 A	76 A	2 V	LDD-150-75-2	DDPC-70-2-24-0F	passively
Laser bars (actively cooled)								
 BAC60C-808-01/02	60 W	CW	63 A	76 A	1,8 V	LDD-250-80-3	DDPC-70-2-24-0F ³	actively water
BAC80C-9xx-01/02	80 W	CW	87 A	104 A	1,5 V	LDY-600-100-2	2x DDPC-50-2-xx-0F	actively water
 BAC100C-808-01/02	100 W	CW	97 A	116 A	1,8 V	LDYHC-600-120-2	2x DDPC-60-2-24-0F	actively water
BAC110C-1030-01/02	110 W	CW	140 A	168 A	1,4 V	LDYHC-600-170-2	2x DDPC-70-2-24-0F ³	actively water
BAC120C-9xx-01/02	120 W	CW	140 A	168 A	1,5 V	LDYHC-600-170-2	2x DDPC-70-2-24-0F ³	actively water
BAC200C-9xx-05/06 / -1030-05/06	220 W	CW	220 A	264 A	1,5 V	2x LDYHC-600-130-2		actively water
VAC80C-915-01/02	80 W	CW	84 A	101 A	1,6 V	LDY-600-100-2	2x DDPC-50-2-xx-0F	actively water
Vertical / Horizontal stacks								
 MMO-808-300 / -300FL / -300S-01	300 W	CW	60 A	72 A	12 V	LDY-1000-70-14		actively water
MMO-808-600-01	600 W	CW	60 A	72 A	24 V	LDD-3000-70-26 ³		actively water
MMO-808-200S-01	200 W	CW	60 A	72 A	8 V	LDY-600-70-9	2x DDPC-35-8-24-0F	actively water
Single emitters								
 SCT200-808-Z6-01	6 W	CW	8 A	9 A	2 V	LDD-50-9-3	DDPC-9-3-xx-0F	passively
 SEC9-9xx-01 / SES9-9xx-01	9 W	CW	8 A	9 A	2,2 V	LDD-50-9-3	DDPC-9-3-xx-0F	passively

Modell	Optical power	Mode	Max. oper. current SOL	Max. oper. current EOL	Max. oper. Voltage	Power Supply recommendation ¹		Cooling ²
						AC/DC	DC/DC	
Fiber coupled bars								
 BWA0500-xxx	10 W	CW	15 A	18 A	2 V	LDD-50-15-2	DDPC-18-2-xx-0F	passively
BWA0800-808-15-01	15 W	CW	26 A	31 A	2 V	LDD-100-30-2	DDPC-30-2-xx-0F	passively
BWA0800-880-20-01	20 W	CW	34 A	41 A	2 V	LDD-100-40-2	DDPC-40-2-xx-0F	passively
BWA0800-xxx-40-01	40 W	CW	65 A	78 A	2 V	LDD-250-80-3 ³	DDPC-70-2-24-0F ³	passively
CWA0400-880-19-01	19 W	CW	34 A	41 A	2 V	LDD-100-40-2	DDPC-40-2-xx-0F	passively
CWA0400-808-30-01	30 W	CW	43 A	52 A	2 V	LDD-100-50-2	DDPC-50-2-xx-0F	passively
CWA0400-9xx-30-01	30 W	CW	49 A	59 A	2 V	LDD-150-60-2	DDPC-60-2-24-0F	passively
FB100-xxx-35-01	35 W	CW	60 A	72 A	2,1 V	LDD-250-70-3	DDPC-70-2-24-0F	passively
PT200-9xx-400-001	400 W	CW	40 A	48 A	33 V	LDY-1500-45-33 ³		passively
PT400-9xx-575-001	575 W	CW	45 A	54 A	33 V	LDD-3000-55-35		passively
ME100-9xx-25-001	25 W	CW	40 A	48 A	2 V	LDD-100-50-2	DDPC-50-2-xx-0F	passively
ME200-808-15-001	15 W	CW	30 A	36 A	2 V	LDD-100-40-2	DDPC-40-2-xx-0F	passively
P42-xxx-50-01	50 W	CW	65 A	78 A	2 V	LDD-250-80-3	DDPC-70-2-24-0F ³	passively
P42-xxx-60-01	60 W	CW	85 A	102 A	2 V	LDY-600-100-3	2x DDPC-50-2-xx-0F	passively
P61-xxx-50-01	50 W	CW	68 A	82 A	2 V	LDD-250-80-3	DDPC-70-2-24-0F ³	passively
P61-808-60-01	60 W	CW	85 A	102 A	2 V	LDY-600-100-3	2x DDPC-50-2-xx-0F	passively
Fiber coupled single emitters								
 BMU3-808-02-R	3 W	CW	4 A	5 A	2 V	LDD-50-5-3	DDPC-50-2-xx-0F	passively
 BMU6-808-02-R01	6 W	CW	8 A	9 A	2 V	LDD-50-9-3	DDPC-9-2-xx-0F	passively
BMU8-9xx-01/02-R	8 W	CW	9 A	11 A	2 V	LDD-50-15-2	DDPC-11-2-xx-0F	passively
BMU10A-9xx-01/02-R	10 W	CW	12 A	14 A	2 V	LDD-50-15-2	DDPC-14-2-xx-0F	passively
BMU25-915-01/02-R	25 W	CW	12 A	14 A	6 V	LDD-100-15-7	DDPC-14-6-xx-0F	passively

Info: ¹ AC/DC supplies are plug & play, for DC/DC units additional heat sink and fan required, please ask us

² Cooling of laser diodes; power supplies are air cooled

³ Please consult our product management

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Lumina Power AC/DC laser diode drivers



Lumina Power DC/DC laser diode drivers