



Heat sinks & Fans

for LumiBright™ Products

Innovations in Optics offers several options in thermal management via heat sink modules with or without fans to assure the best performance of our products.



3100A-200 and 3100A-300 - Aluminum Dense Fin Heat sink:

- For high power operation
- Accepts 60 mm 5V, 12V, and 24V fans
- Round pin fins for optimal cooling performance
- Used with LumiBright Light Engines, Tapers, Projectors, Fiber-coupled devices
- See Figure 1 and 2 for mounting pattern and other details



Stand:

- Aluminum stand with rubber feet
- Dimensions in mm: 76.5 x 90 x 6.35



Fans:

- 5V, 12V, 24V
- See Table 2 for additional details



3100A-110 - Black Anodized Aluminum Heat sink :

- Finned for optimal cooling performance
- Highly conductive anodized aluminum
- Used with LumiBright Light Engines
- See Figure 3 for mounting patterns and other details

Refer to Table 1 for ordering information *** Refer to Figure 4 for additional accessories

PART NUMBER

Table 1

Heat sink number	Fan Number	Stand
3100A-200	See Table 2	Y or N
3100A-300	See Table 2	Y or N
3100A-110	N/A	N/A

EXAMPLE: 3100A-200-1215-Y

Table 2

	FANS FOR 3100A-200			FANS FOR 3100A-300	
Fan Number	515	1215	2415		1238
Voltage (V)	5	12	24		12
Size (mm)	60x60x15	60x60x15	60x60x15		60x60x38
Nominal CFM	15.03	21	18.3		84
Amps (A)	0.29	1.90	.10		2.8
Speed (min ⁻¹)	4000	4300	4600		16000
PWM					Y
RPM Sensor	Y				Y
°C/W (for ref)	0.4	0.34	0.3		0.12

