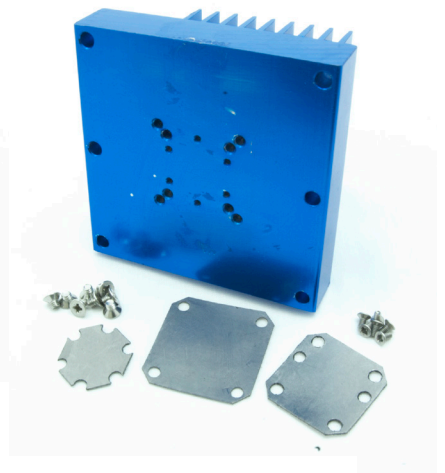
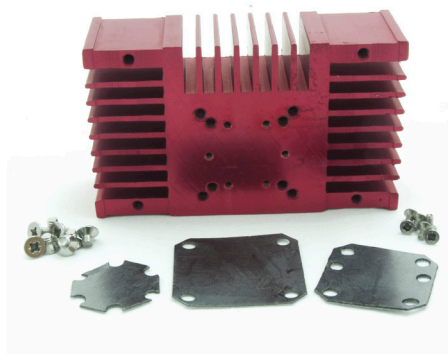
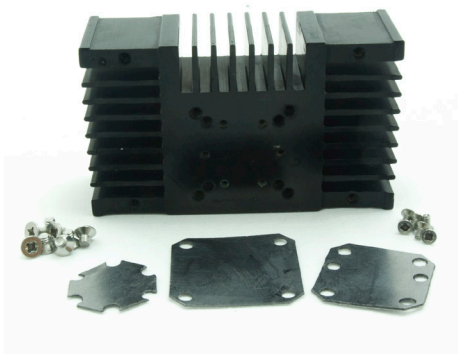
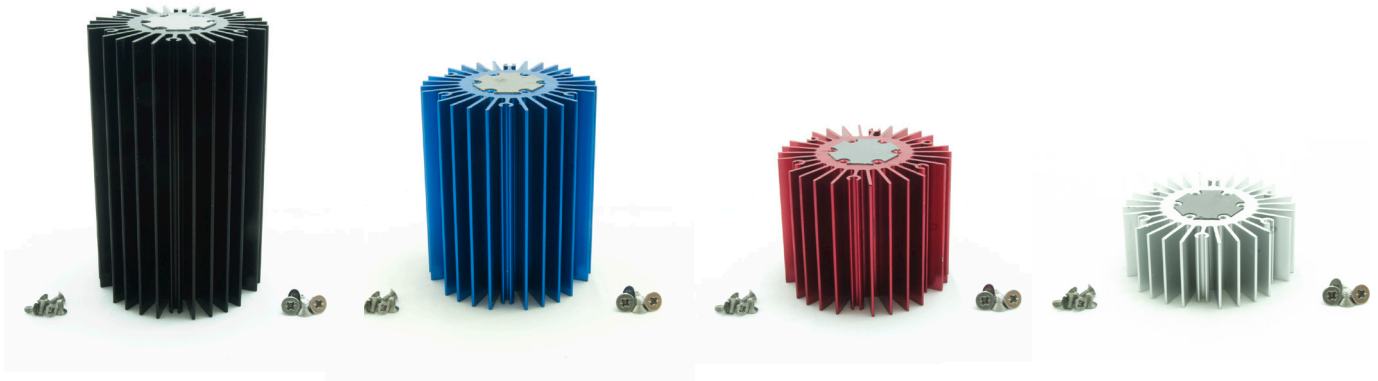


# Heat Sinks

## ILA-HEATSINK-XXX Series

### Product Overview

ILS has recently introduced a series of Aluminium Alloy Heat Sinks to be used with our standard range of PowerStars and PowerClusters. These Heat Sinks are supplied with fixing screws for the light engine and for fixing to a base plate. They also come with Thermal Interface Material (TIM) attached to the top surface. Available in Black, Red, Silver and Blue colour variants. More versions will be introduced over the coming months and we are also happy to manufacture custom Heat Sinks to your request.



**Product Options Oslon PowerStars and Clusters**

ILS Product		No Heat Sink, in free air	ILA-HSINK-STAR-50X20MM.	ILA-HSINK-STAR-50X40MM.	ILA-HSINK-STAR-50X60MM.	ILA-HSINK-STAR-50X80MM.	ILA-HSINK-CLUSTER-70X70X55MM.	ILA-HSINK-CLUSTER-78X46X25MM.
Oslon 1+ PowerStars	350mA	Yellow	Green	Green	Green	Green	Green	Green
	700mA	Yellow	Green	Green	Green	Green	Green	Green
	1000mA	Red	Green	Green	Green	Green	Green	Green
Oslon 4+ PowerStars	350mA	Yellow	Green	Green	Green	Green	Green	Green
	700mA	Red	Yellow	Yellow	Yellow	Green	Green	Green
	1000mA	Red	Yellow	Yellow	Yellow	Green	Green	Green
Oslon 9+ PowerStars	350mA	Red	Red	Red	Red	Green	Green	Green
	700mA	Red	Red	Red	Red	Yellow	Yellow	Yellow
	1000mA	Red	Red	Red	Red	Yellow	Yellow	Red
Oslon 16+ PowerClusters	350mA	Red	Red	Red	Red	Yellow	Green	Green
	700mA	Red	Red	Red	Red	Red	Yellow	Red
	1000mA	Red	Red	Red	Red	Red	Red	Red

Green	Operates under the recommended ILS junction temperature
Yellow	Operates under the recommended LED maximum junction temperature
Red	Not suitable for use
N/A	Heat Sink not designed for use with this product

**Product Options Anna Coins**

ILS Product		No Heat Sink, in free air	ILA-HSINK-STAR-50X20MM.	ILA-HSINK-STAR-50X40MM.	ILA-HSINK-STAR-50X60MM.	ILA-HSINK-STAR-50X80MM.	ILA-HSINK-CLUSTER-70X70X55MM.	ILA-HSINK-CLUSTER-78X46X25MM.
OSLON 3 LED Anna	350mA	Yellow	Green	Green	Green	Green	Green	Green
	700mA	Red	Yellow	Yellow	Yellow	Green	Green	Green
	1000mA	Red	Yellow	Yellow	Yellow	Green	Green	Green
OSLON 7 LED Anna	350mA	Red	Red	Red	Red	Green	Green	Green
	700mA	Red	Red	Red	Red	Yellow	Green	Yellow
	1000mA	Red	Red	Red	Red	Red	Green	Red

Product Options UV Stars

ILS Product		No Heat Sink, in free air	ILA-HSINK-STAR-50X20MM.	ILA-HSINK-STAR-50X40MM.	ILA-HSINK-STAR-50X60MM.	ILA-HSINK-STAR-50X80MM.	ILA-HSINK-CLUSTER-70X70X55MM.	ILA-HSINK-CLUSTER-78X46X25MM.
C3535 1 PowerStar UV	350mA	Yellow	Green	Green	Green	Green	Green	Green
	700mA	Yellow	Green	Green	Green	Green	Green	Green
	1000mA	Yellow	Green	Green	Green	Green	Green	Green
N3535 1 PowerStar UV	350mA	Yellow	Green	Green	Green	Green	Green	Green
	700mA	Yellow	Green	Green	Green	Green	Green	Green
	1000mA	Yellow	Green	Green	Green	Green	Green	Green
N5050 1 PowerStar UV	350mA	Red	Yellow	Green	Green	Green	Green	Green
	700mA	Red	Red	Red	Red	Green	Green	Green
	1000mA	Red	Red	Red	Red	Red	Yellow	Red
T7070 1 PowerStar UV	350mA	Red	Red	Red	Green	Green	Green	Green
	700mA	Red	Red	Red	Red	Green	Green	Green
	1000mA	Red	Red	Red	Red	Red	Green	Red
U9090 1 PowerStar UV	350mA	Red	Red	Red	Red	Red	Green	Red
	700mA	Red	Red	Red	Red	Red	Red	Red
	1000mA	Red	Red	Red	Red	Red	Red	Red

Green	Operates under the recommended ILS junction temperature
Yellow	Operates under the recommended LED maximum junction temperature
Red	Not suitable for use
N/A	Heat Sink not designed for use with this product

Product Options OSLO High Bays

ILS Product		No Heat Sink, in free air	ILA-HSINK-CLUSTER-70X70X55MM.	ILA-HSINK-CLUSTER-84X194X50MM.
OSLO 4 High Bay	350mA	Yellow	Green	N/A
	500mA	Yellow	Green	N/A
	700mA	Red	Green	N/A
	1050mA	Red	Green	N/A
	1400mA	Red	Yellow	N/A
	1800mA	Red	Red	N/A
OSLO 12 High Bay	350mA	Yellow	N/A	Green
	500mA	Yellow	N/A	Green
	700mA	Red	N/A	Green
	1050mA	Red	N/A	Green
	1400mA	Red	N/A	Yellow
	1800mA	Red	N/A	Yellow

Product Options Floods

ILS Product		No Heat Sink, in free air	ILA-HSINK-280X190X50MM-BLK	ILA-HSINK-270X216X83MM-BLK	ILA-HSINK-230X250X100MM-BLK	ILA-HSINK-210X200X25MM-BLK	ILA-HSINK-220X190X50MM-BLK	ILA-HSINK-250X200X15MM-BLK	ILA-HSINK-250X200X25MM-BLK
Dragon 72 Flood	350mA					N/A	N/A	N/A	N/A
	700mA					N/A	N/A	N/A	N/A
	1000mA					N/A	N/A	N/A	N/A
Oslon 72 Flood	350mA					N/A	N/A	N/A	N/A
	700mA					N/A	N/A	N/A	N/A
	1000mA					N/A	N/A	N/A	N/A
Oslon 27 Flood	350mA		N/A	N/A	N/A			N/A	N/A
	700mA		N/A	N/A	N/A			N/A	N/A
Stanley 3J/6J 27 Flood	350mA		N/A	N/A	N/A			N/A	N/A
	700mA		N/A	N/A	N/A			N/A	N/A
Oslon 17 Flood	350mA		N/A	N/A	N/A	N/A	N/A		
	700mA		N/A	N/A	N/A	N/A	N/A		

**Stanley PowerStars, Clusters & Strips**

ILS Product		No Heat Sink, in free air	ILA-HSINK-STAR-50X20MM.	ILA-HSINK-STAR-50X40MM.	ILA-HSINK-STAR-50X60MM.	ILA-HSINK-STAR-50X80MM.	ILA-HSINK-CLUSTER-70X70X55MM.	ILA-HSINK-CLUSTER-78X46X25MM.
3J 1 PowerStar	350mA	Yellow	Green	Green	Green	Green	Green	Green
	700mA	Yellow	Green	Green	Green	Green	Green	Green
	1000mA	Red	Green	Green	Green	Green	Green	Green
6J 1 PowerStar	350mA	Yellow	Green	Green	Green	Green	Green	Green
	700mA	Yellow	Green	Green	Green	Green	Green	Green
	1000mA	Red	Green	Green	Green	Green	Green	Green
3J 4 PowerCluster	350mA	Yellow	Green	Green	Green	Green	Green	Green
	700mA	Red	Yellow	Yellow	Yellow	Green	Green	Green
	1000mA	Red	Yellow	Yellow	Yellow	Green	Green	Green
6J 4 PowerCluster	350mA	Yellow	Green	Green	Green	Green	Green	Green
	700mA	Red	Yellow	Yellow	Yellow	Green	Green	Green
	1000mA	Red	Yellow	Yellow	Yellow	Green	Green	Green
3J 6 Strip	350mA	Yellow	N/A	N/A	N/A	N/A	N/A	N/A
	700mA	Red	N/A	N/A	N/A	N/A	N/A	N/A
	1000mA	Red	N/A	N/A	N/A	N/A	N/A	N/A
6J 6 Strip	350mA	Yellow	N/A	N/A	N/A	N/A	N/A	N/A
	700mA	Red	N/A	N/A	N/A	N/A	N/A	N/A
	1000mA	Red	N/A	N/A	N/A	N/A	N/A	N/A

**For further information please contact ILS.**

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.