

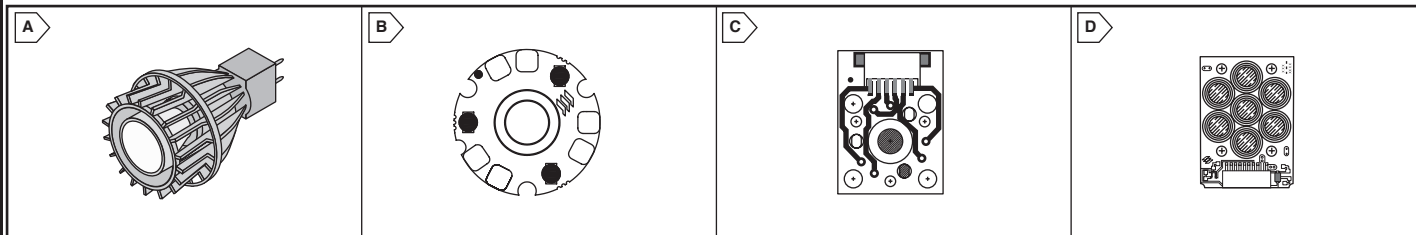
# LIGHTING SCIENCE LED Light Sources and Accessories

Products may be RoHS compliant.  
Check mouser.com for RoHS status.

LightingScience  
Changing the way the world experiences light.

LED Lighting

Lighting Science



## LIGHTING SCIENCE S $\bar{O}$ L™ SERIES LED LAMPS

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Lighting Science Part No.	Fig.	Lamp Size	Color	Color Temp.	Luminous Flux. (lm) Typical	Beam Type / Angle	Voltage (V) Typical	Power (W)	Operating Temp. (Max)	Price Each		
											1	10	50
599-RL-16D2-0496	RL-16D2-0496	A	MR-16	Warm White	3000 K	200	Narrow / 38°	12 VAC	7.4	+ 40°C	55.78	49.59	44.94
599-RL-16D1-E0539	RL-16D1-E0539	A	MR-16	True Color White	3050 K	129	Wide / 57°	12VAC/9VDC	8.0	+ 40°C	55.78	49.59	44.94

## LIGHTING SCIENCE SOLID STATE LIGHT ENGINES

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MOUSER STOCK NO.	Lighting Science Part No.	Fig.	Color	Wavelength (nm) (Max)	Voltage (V) Typical	Drive (A)	Power (W)	Luminous Flux (lm) Typical	Thermal Resis. (°C/W) Typical	Price Each		
										1	10	50
<b>Atlas Series, Single Cavity</b>												
599-NT-42D1-0425	NT-42D1-0425	B	Warm White	3000K Color Temp	8.2	1.05	8.61	162	4.0	17.92	17.36	15.68
599-NT-42D0-0426	NT-42D0-0426	B	Daylight White	5000K Color Temp	8.2	1.05	8.61	250	4.0	21.56	17.11	15.40
599-NT-43F0-0424	NT-43F0-0424	B	Full Color RGB	R-629, G-535, B-470	R-4.6, G-6.7, B-7.6	0.35	R-1.6, G-2.3, B-2.7	R-52, G-59, B-14	3.5	24.00	18.84	17.16
<b>Atlas Series mounted to "EZ Board"</b>												
599-EZ-42D1-0432	EZ-42D1-0432	C	Warm White	3000K Color Temp	8.2	1.05	8.61	162	4.0	25.12	24.34	21.98
599-EZ-42D0-0433	EZ-42D0-0433	C	Daylight White	5000K Color Temp	8.2	1.05	8.61	250	4.0	30.56	24.25	21.83
599-EZ-43F0-0431	EZ-43F0-0431	C	Full Color RGB	R-629, G-535, B-470	R-4.6, G-6.7, B-7.6	0.35	R-1.6, G-2.3, B-2.7	R-52, G-59, B-14	3.5	33.00	25.91	23.60
<b>Titan Series, 7 Cavity</b>												
599-NT-52D1-0430	NT-52D1-0430	D	White	2750K to 3550K	22.8	1.4	32	665	0.9	77.12	71.50	65.50
599-NT-52D0-0429	NT-52D0-0429	D	White	3950K to 6200K	23.5	1.4	32.9	1070	0.9	77.12	71.50	65.50
599-NT-53F0-0428	NT-53F0-0428	D	Full Color RGB	R-629, G-535, B-470	R-7.1, G-10.8, B-11.4	1.4	R-9.9, G-15.1, B-16	R-383, G-395, B-104	0.8	80.20	74.36	68.12
<b>Titan Turbo Series, 7 Cavity</b>												
599-NT-54D0-0487	NT-54D0-0487	D	Daylight White	4700K	11.4	5.0	57	1855	0.6	131.10	121.55	110.50

## LIGHTING SCIENCE LIGHT SOURCE OPTICS

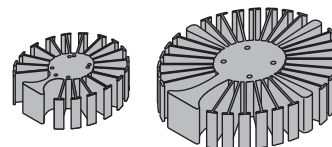
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MOUSER STOCK NO.	Lighting Science Part No.	Light Source Series	Beam Angle	Description	Price Each		
					1	10	50
599-OP-4LN2-0492	OP-4LN2-0492	Atlas	10	Narrow Beam for White, with Holder	10.00	7.85	7.15
599-OP-4LN1-0457	OP-4LN1-0457	Atlas	10	Narrow Beam for RGB, with Holder	10.00	7.85	7.15
599-OP-4FM1-0442	OP-4FM1-0442	Atlas	30	Medium Beam, With Holder	6.09	4.41	4.18
599-OP-4FW1-0441	OP-4FW1-0441	Atlas	45	Wide Beam, With Holder	6.09	4.41	4.18
599-OP-5LN1-0451	OP-5LN1-0451	Titan	10	Narrow Beam, With Holder	26.00	20.41	18.59
599-OP-5LN2-0445	OP-5LN2-0445	Titan	20	Narrow Beam, With Holder	23.91	21.20	18.89
599-OP-5LM3-0455	OP-5LM3-0455	Titan	30	Medium Beam, With Holder	23.94	21.20	18.89
599-OP-5LW4-0456	OP-5LW4-0456	Titan	45	Wide Beam, With Holder	23.94	21.20	18.89

## LIGHTING SCIENCE LIGHT HEAT SINKS

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Lighting Science Part No.	Light Source Series	Diameter (in.)	Thickness (in.)	Mounting Holes	Price Each		
						1	10	50
599-HS-4075-0345	HS-4075-0345	Atlas	2.50	0.75	2-56 UNC-2B	19.21	18.29	16.64
599-HS-4150-0345	HS-4150-0345	Atlas	2.50	1.50	2-56 UNC-2B	21.80	20.78	18.88
599-HS-5200-0493	HS-5200-0493	Titan	3.94	2.36	4-40 UNC-2B	32.02	25.14	22.89

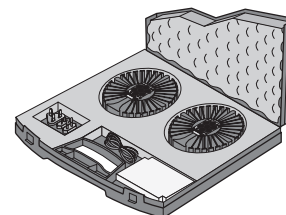
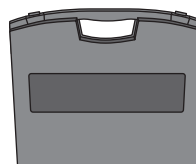


## LIGHTING SCIENCE DEVELOPER KITS

Lighting Science's "Discovery" kits contain ALL necessary components to allow the customers to "plug and play." It contains light engines, solder, wire, heatsinks, power supplies, screws, and thermal interface tapes to make it simple for you to learn and interact with Lighting Science Atlas/Titan light sources.

### Kit Contains:

- Light Source Assembly
- Adapter plugs (DK-04F00396, DK-04D0-0395)
- AC Adapter (DK-04F0-0396)
- Spare DC Cable (DK-04D0-0394 and 0395)
- Driver
- Optics
- AC Cord



MOUSER STOCK NO.	Lighting Science Part No.	Light Source Series	Description	Price Each
599-DK-04D0-0395	DK-04D0-0395	Atlas	White 5500K Developer Kit, 230VAC	137.70
599-DK-05D0-0399	DK-05D0-0399	Titan	White LED Developer Kit	280.00
599-DK-05F0-0398	DK-05F0-0398	Titan	RGB Developer Kit	347.00