

LED MODULES

TECOH® THx

TECOH® THx constant current modules offer an excellent alternative to AR111, MR16 and PAR 16 halogen products

The built-in optics and heat-sink simplify the upgrade to a high efficient LED solution.

Building on the success of our patented Thermal Conductive Highway™ (TCH) technology, MEGAMAN® is proud to offer a new range of products with a groundbreaking hybrid reflector.

Offering enhanced beam control and efficacy, MEGAMAN®'s hybrid reflector combines the best features MEGAMAN®'s popular faceted reflector range with the total internal reflection of our optical reflector to provide a solution that performs even better than competing LED technologies.

Avoiding the 'showerhead' look of multiple lens solutions, the hybrid reflector is still able to take advantage of the precise beam control of the parabolic reflector approach, while minimising spill light, reducing glare and eliminating the 'visual noise' of multiple lens arrays.

MEGAMAN®'s hybrid reflector technology also combines superior performance, with beautiful aesthetics – barely distinguishable from the much-loved and familiar look of a halogen reflector, but with far higher efficiency.

Product Features

- Ideal for recessed and surface mounted spotlights
- A dimming feature is available and the performance can be enhanced by the driver choice
- Long lamp life (L70 B10 at Tc 85°C) of 50,000 hours



LED MODULES TECOH® THx



1

NEW

2

NEW

Powered by LED Driver

Dimmable[#]

SDCM
≤5

Product Code	Input Current (mA)	Nominal Voltage (V DC)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Luminous Flux in 90° Cone (lm)	Beam Angle (°)	Max. Luminous Intensity (cd)	Colour Temp. [CRI]	Life Time at L70 B10 and Tc 85°C (hrs)	Diameter (mm)	Height (mm)	Dimmable	Energy Label	Product Photo
TH0405-36D/828-350mA	350	18	6.5	500	77	350	36	1200	2800K [Ra82]	50000	50	30	Dimmable	A	1
TH0405-36D/840-350mA	350	18	6.5	500	77	350	36	1200	4000K [Ra85]	50000	50	30	Dimmable	A	1
TH0406-36D/828-350mA	350	18	6.5	630	97	500	36	1500	2800K [Ra82]	50000	50	30	Dimmable	A+	1
TH0406-36D/840-350mA	350	18	6.5	630	97	500	36	1500	4000K [Ra85]	50000	50	30	Dimmable	A+	1
TH0520-15D/830-700mA	700	35	25	2000	80	1840	15	17800	3000K [>Ra80]	50000	111	92	Dimmable	A	2
TH0520-15D/840-700mA	700	35	25	2000	80	1840	15	17800	4000K [>Ra80]	50000	111	92	Dimmable	A	2
TH0520-24D/830-700mA	700	35	25	2000	80	1840	24	10200	3000K [>Ra80]	50000	111	92	Dimmable	A	2
TH0520-24D/840-700mA	700	35	25	2000	80	1840	24	10200	4000K [>Ra80]	50000	111	92	Dimmable	A	2
TH0520-45D/830-700mA	700	35	25	2000	80	1840	45	4450	3000K [>Ra80]	50000	111	92	Dimmable	A	2
TH0520-45D/840-700mA	700	35	25	2000	80	1840	45	4450	4000K [>Ra80]	50000	111	92	Dimmable	A	2
TH0532-24D/830-1050mA	1050	35	35	3200	91	2940	24	16300	3000K [>Ra80]	50000	111	92	Dimmable	A+	2
TH0532-24D/840-1050mA	1050	35	35	3200	91	2940	24	16300	4000K [>Ra80]	50000	111	92	Dimmable	A+	2
TH0532-45D/830-1050mA	1050	35	35	3200	91	2940	45	7100	3000K [>Ra80]	50000	111	92	Dimmable	A+	2
TH0532-45D/840-1050mA	1050	35	35	3200	91	2940	45	7100	4000K [>Ra80]	50000	111	92	Dimmable	A+	2
TH0532-60D/830-1050mA	1050	35	35	3200	91	2940	60	400	3000K [>Ra80]	50000	111	92	Dimmable	A+	2
TH0532-60D/840-1050mA	1050	35	35	3200	91	2940	60	400	4000K [>Ra80]	50000	111	92	Dimmable	A+	2

LED Constant Current Converter



LD0425x1-C700

TH0520-15D/830-700mA
TH0520-15D/840-700mA
TH0520-24D/830-700mA
TH0520-24D/840-700mA
TH0520-45D/830-700mA
TH0520-45D/840-700mA

LD0436x1-C1050

TH0532-24D/830-1050mA
TH0532-24D/840-1050mA
TH0532-45D/830-1050mA
TH0532-45D/840-1050mA
TH0532-60D/830-1050mA
TH0532-60D/840-1050mA



LD0509x1d-C350

TH0405-36D/828-350mA
TH0405-36D/840-350mA
TH0406-36D/828-350mA
TH0406-36D/840-350mA

* Preliminary data

A dimming feature is available and performance can be enhanced by driver choice.