

LED LIGHT ENGINES

# TECOH® APx

The MEGAMAN® TECOH® APx light engine works directly on AC mains supply

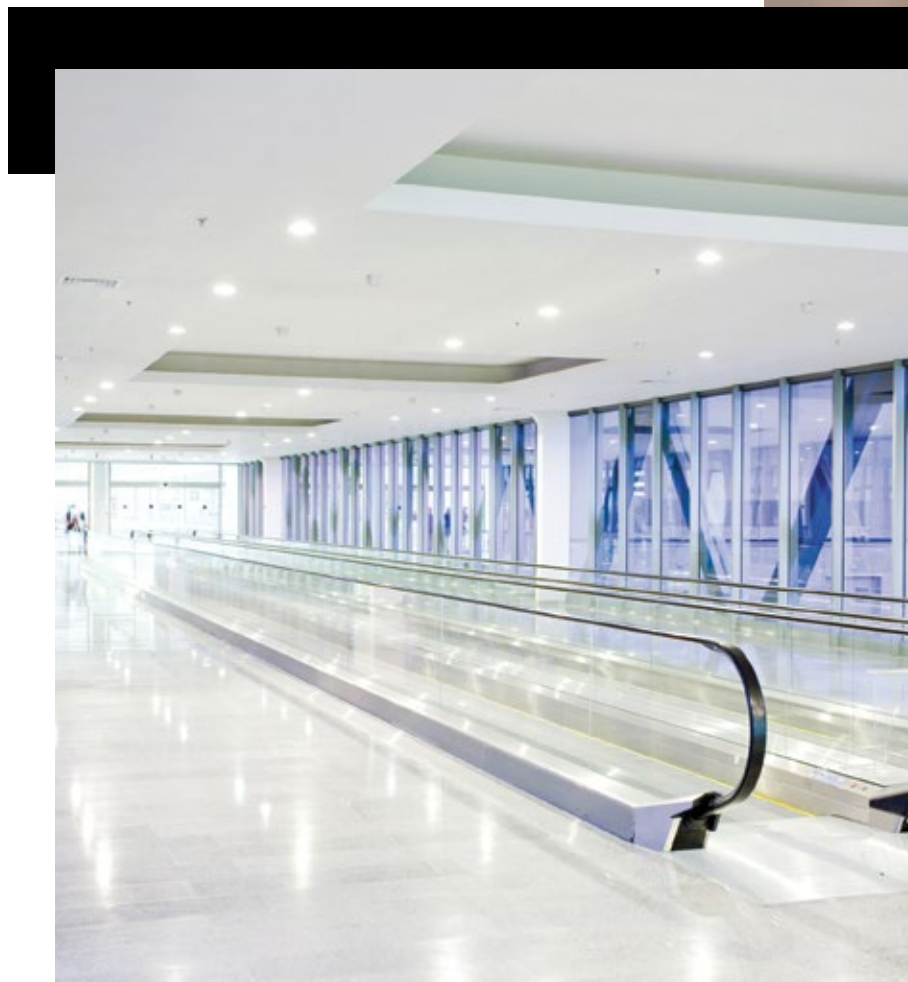
TECOH® APx is a Planar LED light engine which works directly on AC mains supply. This driver-on-board module allows for easy installation and wiring.

TECOH® APx is an AC replacement for use behind a diffuser in a wide range of general lighting fixtures. Ideal for designers who are looking for a single substrate LED engine. The modules can easily be fitted into fixtures or onto heat-sinks without the need for additional drivers.

This driver-on-board light engine offers a solution in shallow luminaires that lack the space to integrate an external driver.

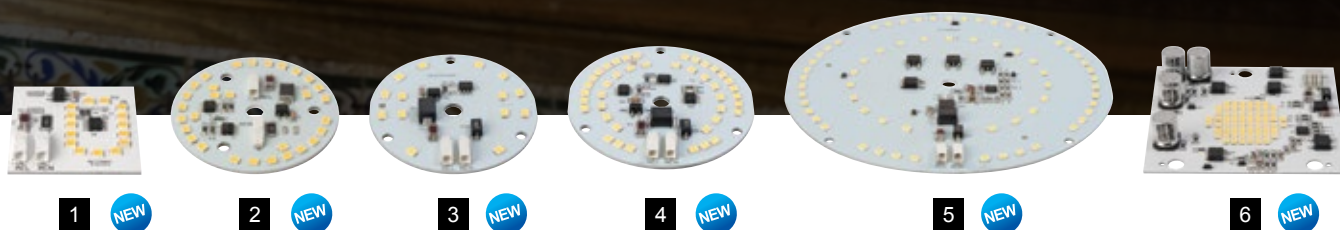
## Product Features

- Single substrate LED Light Engine with driver integrated on-board for operation directly on mains supply
- Ideal for flat luminaires lacking space for driver integration
- Easy installation: No external driver needed
- Handy electrical connection to the mains through BJB connector
- Allows trouble free upgrade to LED
- Different fixture shapes and sizes can be addressed using single or multiple units
- Low flicker range offers reduced flicker below 30%



# LED LIGHT ENGINES

# TECOH<sup>®</sup> APx



220-240V | Line Voltage

SDCM  
≤4

### Standard Range

Product Code	Wattage (W)	Luminous Flux at Ta 25°C (lm)	Luminous Efficacy at Ta 25°C (lm/W)	Luminous Flux at Tc 75°C (lm)	Luminous Efficacy at Tc 75°C (lm/W)	Colour Temp.[CRI]	Life Time at L70 B50 and Tc 75°C (hrs)	Dimension (mm)	Power Factor	Energy Label	Product Photo
AP0106/830-230V	9	680	76	630	70	3000K [Ra80]	50000	L40 x W40 x H5.6	>0.9	A+	1
AP0106/840-230V	9	700	78	650	72	4000K [Ra80]	50000	L40 x W40 x H5.6	>0.9	A+	1
AP0211/840-230V	12	1200	100	1100	92	4000K [Ra80]	50000	Ø60 x H5.9	>0.9	A+	2
AP0907/840-230V	9.5	750	79	700	74	4000K [Ra80]	50000	Ø60 x H6.9	>0.9	A+	3
AP1014/840-230V	18	1490	83	1400	78	4000K [Ra80]	50000	Ø60 x H6.9	>0.9	A	3
AP1121/840-230V	27	2180	81	2100	78	4000K [Ra80]	50000	Ø70 x H6.9	>0.9	A	4
AP1235/840-230V	35	3800	109	3500	100	4000K [Ra80]	50000	Ø140 x H6.9	>0.9	A+	5
AP1355/840-230V	48.5	5950	123	5500	113	4000K [Ra80]	50000	Ø140 x H6.9	>0.9	A+	5

### Low Flicker Range

Product Code	Wattage (W)	Luminous Flux at Ta 25°C (lm)	Luminous Efficacy at Ta 25°C (lm/W)	Luminous Flux at Tc 75°C (lm)	Luminous Efficacy at Tc 75°C (lm/W)	Colour Temp.[CRI]	Life Time at L70 B50 and Tc 75°C (hrs)	Dimension (mm)	Power Factor	Energy Label	Product Photo
AP0536LF/840-230V	35	3900	111	3600	102	4000K [Ra80]	50000	L80 x W80 x H15	>0.9	A+	6

\* Preliminary data