

MEGAMAN® MODENA



MEGAMAN® MODENA is a range of LED track lights that offers excellent lighting performance which can be used to replace up to 70W metal halide. MEGAMAN® MODENA has an adjustable arm that can have $\pm 90^\circ$ vertical tilting angle and 330° horizontal rotation angle for multi-directional lighting. The aluminium reflector provides a clean and precise beam for accent lighting.

MEGAMAN® MODENA is designed for use with TECOH® RDx and TECOH® MHx LED modules to cater for a variety of different applications. Working with TECOH® RDx, MEGAMAN® MODENA delivers excellent lighting performance for up to 70W metal halide replacement. While working with TECOH® MHx, MEGAMAN® MODENA accentuates merchandising displays with low glare to ensure visual comfort.

To further enhance retail and general lighting applications, a new technology — Perfect White is also available which excites the Fluorescent Whitening Agents (FWA) in white items to accentuate their appearance, ideal for eye-catching merchandising displays

Features

- Delivers powerful lighting performance of up to 89lm/W with only 27W power consumption – a perfect metal halide replacement
- Different beam angle options available for various applications
- Adjustable arm for multi-directional lighting: 330° horizontal rotation and $\pm 90^\circ$ vertical tilting angle
- Aluminium reflector providing clean and precise beams

- Perfect white option available – a new technology that intensifies and brightens white items
- Perfect white generates a new colour experience not only valuable for retail lighting, but it also accentuates commercial general lighting applications
- More compact version available for 20W and 35W metal halide replacement
- Dimming option is available
- High CRI version: Ra94 available

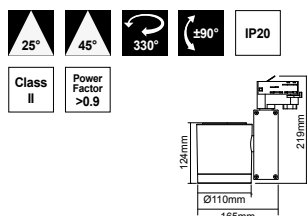
Applications

- Shop lighting
- Restaurants
- Hotels
- Museums
- Showrooms

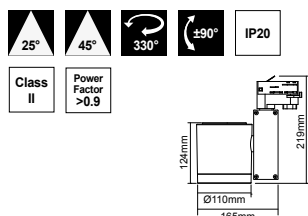
Indoor Lighting • Track Lighting

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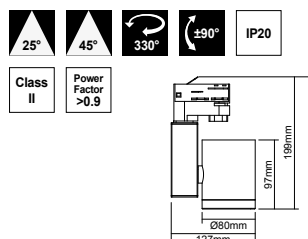
F25349TK



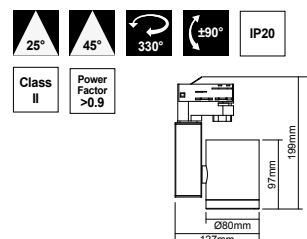
F25349TK-p



F28049TK

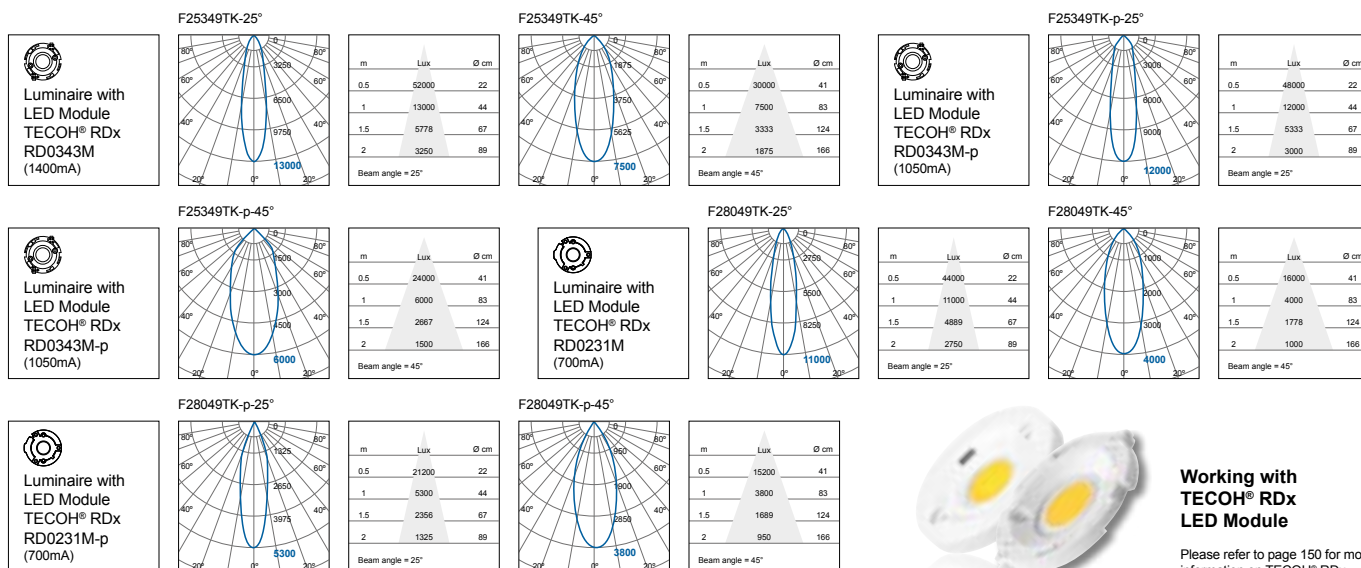


F28049TK-p



White (WH25) (WH26) Silver (SV28) Black (BK24)

Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Light Source	Materials	Weight (g)
F25349TK	220-240	55	4100 [3000K] 4500 [4000K]	75 [3000K] 82 [4000K]	Ø110 x L165 x H219	13000 [25°] 7500 [45°]	3000K / 4000K [Ra82]	50000	Dimmable [#]	TECOH® RDx RD0343M with input current 1400mA	Aluminium	1908
NEW F25349TK-p*	220-240	53	3100 [3000K]	58 [3000K]	Ø110 x L165 x H219	12000 [25°] 6000 [45°]	3000K [Ra82]	50000	Dimmable [#]	TECOH® RDx RD0343M-p with input current 1050mA	Aluminium	1829
F28049TK	220-240	27	2200 [3000K] 2400 [4000K]	81 [3000K] 89 [4000K]	Ø80 x L127 x H199	11000 [25°] 4000 [45°]	3000K / 4000K [Ra82]	50000	Dimmable [#]	TECOH® RDx RD0231M with input current 700mA	Aluminium	937
NEW F28049TK-p*	220-240	29	1650 [3000K]	57 [3000K]	Ø80 x L127 x H199	5300 [25°] 3800 [45°]	3000K [Ra82]	50000	Dimmable [#]	TECOH® RDx RD0231M-p with input current 700mA	Aluminium	956



Working with TECOH® RDx LED Module

Please refer to page 150 for more information on TECOH® RDx

* Preliminary data

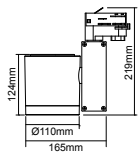
Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.

MEGAMAN® MODENA

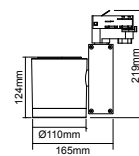
F25343TK



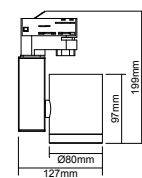
Power Factor >0.9



F25348TK

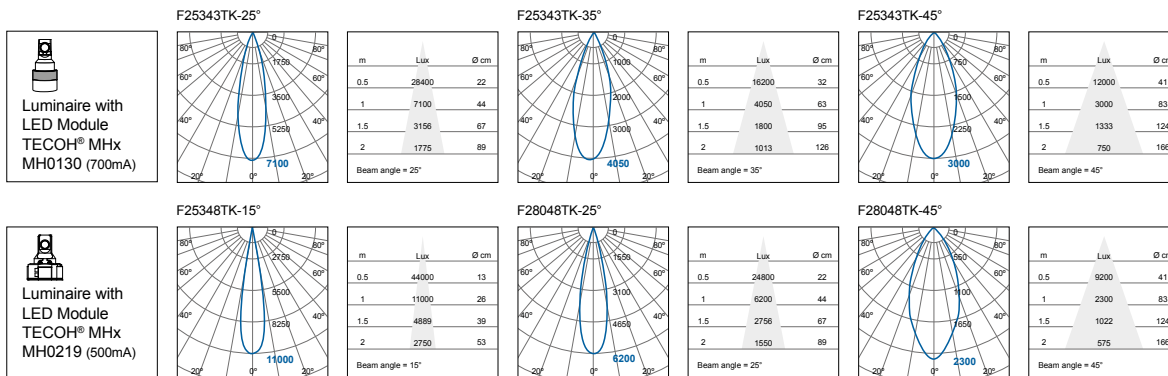


F28048TK



White (WH25) (WH26) Silver (SV28) Black (BK24)

Model No.	Wattage (W)	Dimension (mm)	Light Source	Materials	Weight (g)
F25343TK	28	Ø110 x L165 x H219	TECOH® MHx MH0130 with input current 700mA	Aluminium	1552
F25348TK	19	Ø110 x L165 x H219	TECOH® MHx MH0219 with input current 500mA	Aluminium	1620
F28048TK	19	Ø80 x L127 x H199	TECOH® MHx MH0219 with input current 500mA	Aluminium	937



Specification of MEGAMAN® LED module TECOH® MHx

Model No.	Input Current (mA)	Nominal Voltage (V)	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]	Rated Life (hrs)	Dimmable	Suggested LED Converter	Energy Label
MH0130	700	DC36V	24	3200 [3000K] 3500 [4000K]	133 [3000K] 146 [4000K]	2700 [3000K] 3000 [4000K]	113 [3000K] 125 [4000K]	3000K [Ra82] 4000K [Ra85]	50000	100-1%*	LD0424x1v-C700	A+
MH0219	500	DC34V	17	2000 [2800K] 2200 [4000K]	118 [2800K] 129 [4000K]	1700 [2800K] 1900 [4000K]	100 [2800K] 112 [4000K]	3000K [Ra82] 4000K [Ra85]	50000	100-1%*	LD0217x1v-C500	A+



Working with TECOH® MHx LED Module

Please refer to page 150 for more information on TECOH® MHx

Different reflectors options available



For F25243TK:
LA3102 - 25° Reflector
LA3103 - 35° Reflector
LA3104 - 45° Reflector



For F28048TK:
LA3106 - 25° Reflector
LA3124 - 45° Reflector



For F28049TK / F28049TK-p:
LA3125 - 25° Reflector
LA3126 - 45° Reflector

* Capable of linear dimming from 100% to 1% when used with a DC1-10V dimming driver and DC1-10V dimmer