

# Mensa

Commercial Lighting / High Performance Troffer



DAVIS LIGHTING

## Features

- Matt finish anodised aluminium louvre
- Excellent optics control
- Flicker-free, uniform illumination
- Highly customisable lumen output and system power
- J6 and UGR19 compliant\*
- CRI >80 as standard
- (\* Based on typical office simulation)

## Applications

- Office
- Boardroom
- Education
- Healthcare

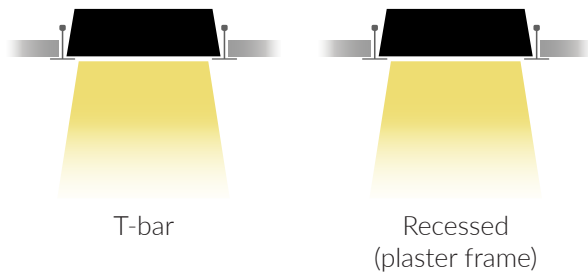
## Options

- Air-handling
- DALI dimming
- CRI >90
- Customisable size
- Plaster frame

## Standards

- Manufactured under ISO 9001:2015 to standards
- IEC/AS/NZS 60598.1
- IEC/AS/NZS 60598.2.1
- IEC/AS/NZS 60598.2.2
- IEC/AS/NZS CISPR 15

## Mounting Methods



### Product Code Key

Model	Nominal Size	Power	Air-Handling	CRI & CCT	Dimming
MST	2 = 600x300mm	15 = 15W	A10 = Side air	R83 = CRI >80, 3000K	D10 = DALI
	M2 = 600x400mm	20 = 20W		R84 = CRI >80, 4000K	
	4 = 1200x300mm	20 = 20W	(omit if not required)	R93 = CRI >90, 3000K	(omit if not required)
	M4 = 1200x400mm	25 = 25W		R93 = CRI >90, 4000K	
	W2 = 600x600mm	30 = 30W			
	W4 = 1200x600mm	35 = 35W			
		40 = 40W			

e.g. MST420-R84D10 = MST 1200x300mm 20W CRI >80 4000K DALI

MSTW440-A10R84 = MST 1200x600mm 40W side-air-handling CRI >80 DALI dimming

### Specifications

Model	MST215	MSTM215	MST220	MSTM220	MSTW220
Nominal Size (mm)	600 x 300	600x400	600 x 300	600x400	600x600
Nominal Power (W)	15		20		
Supply Voltage (VAC)	220 - 240 VAC 50/60 Hz				
Luminous Flux (lm)*	1512	1512	2133	2133	2022
Efficacy (lm/W)*	100	100	100	100	108
CRI	>80				
Power Factor	0.90				
CCT (K)	3000 / 4000				
Luminaire Rated Life (hr)	>50,000				
UGR	<19				
SDCM	<3				
Operating Temp. (°C)	-20 to +35				
Weight (kg)	2.5	2.7	2.5	2.7	4.2

\* Specifications shown for 4000K

Model	MST420	MST425	MST430	MST435	MST440
Nominal Size (mm)	1200 x 300				
Nominal Power (W)	20	25	30	35	40
Supply Voltage (VAC)	220 - 240 VAC 50/60 Hz				
Luminous Flux (lm)*	2258	2591	3202	3823	4512
Efficacy (lm/W)*	117				
CRI	>80				
Power Factor	0.90				
CCT (K)	3000 / 4000				
Luminaire Rated Life (hr)	>50,000				
UGR	<19				
SDCM	<3				
Operating Temp. (°C)	-20 to +35				
Weight (kg)	4.4				

\* Specifications shown for 4000K



Model	MSTM420	MSTM425	MSTM430	MSTM435	MSTM440
Nominal Size (mm)	1200 x 400				
Nominal Power (W)	20	25	30	35	40
Supply Voltage (VAC)	220 - 240 VAC 50/60 Hz				
Luminous Flux (lm)*	2258	2591	3202	3823	4512
Efficacy (lm/W)*	117	117	117	117	117
CRI	>80				
Power Factor	0.90				
CCT (K)	3000 / 4000				
Luminaire Rated Life (hr)	>50,000				
UGR	<19				
SDCM	<3				
Operating Temp. (°C)	-20 to +35				
Weight (kg)	4.8				

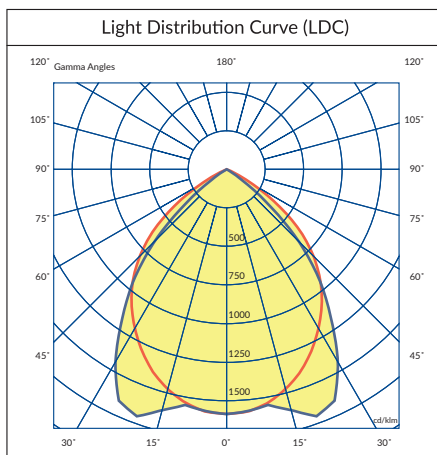
\* Specifications shown for 4000K

Model	MSTW420	MSTW425	MSTW430	MSTW435	MSTW440
Nominal Size (mm)	1200 x 600				
Nominal Power (W)	20	25	30	35	40
Supply Voltage (VAC)	220 - 240 VAC 50/60 Hz				
Luminous Flux (lm)*	2239	2581	3364	3877	4627
Efficacy (lm/W)*	121	122	122	122	120
CRI	>80				
Power Factor	0.90				
CCT (K)	3000 / 4000				
Luminaire Rated Life (hr)	>50,000				
UGR	<19				
SDCM	<3				
Operating Temp. (°C)	-20 to +35				
Weight (kg)	7.4				

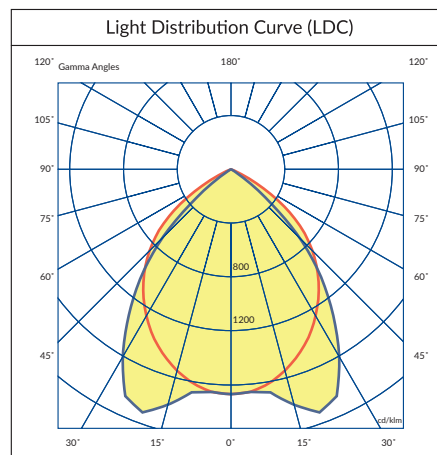
\* Specifications shown for 4000K

## Lighting Data

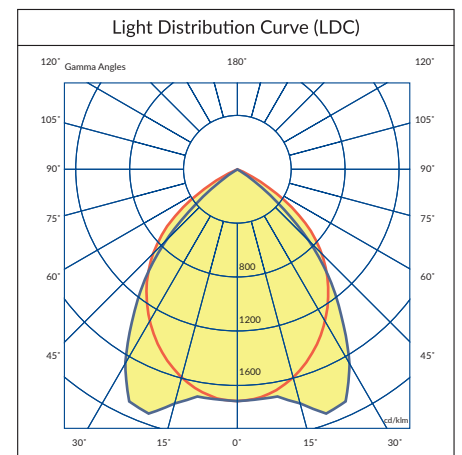
MSTW230



MST430



MSTW430



# Mensa

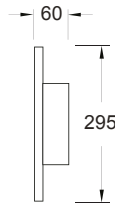
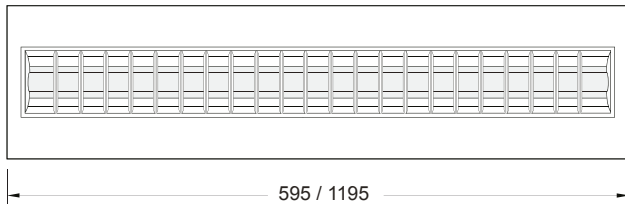
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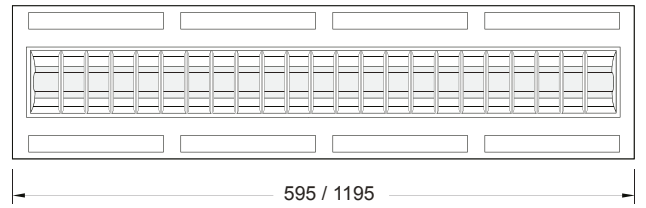
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## Dimensions

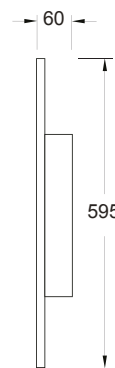
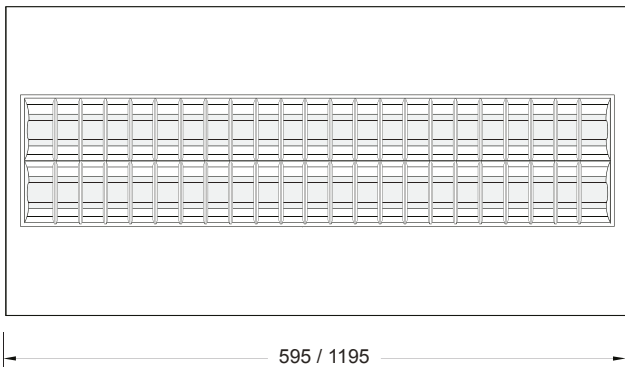
MST2 / MST4



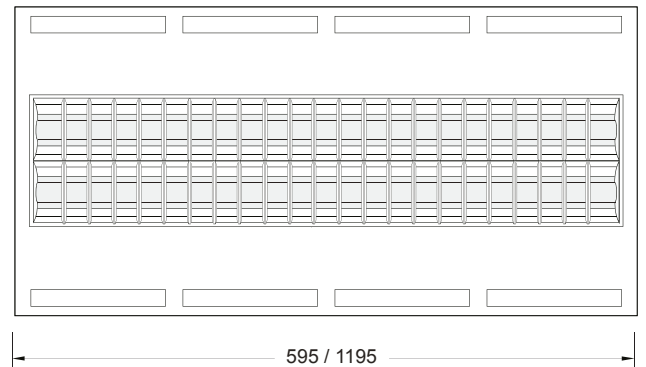
MST2 / MST4 (Air Handling)



MSTW2 / MSTW4



MSTW2 / MSTW4 (Air Handling)



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