

FM90

LASCON



A complete range of high quality recessed fluorescent luminaires for exposed T ceilings. This versatile range allows the lighting designer total flexibility. The diffuser and louvre attachments are fully interchangeable with the common body.

**FM90:** luminaires are designed for maximum efficiency for use with T8 26mm diameter lamps. Careful attention has been paid to glare control in all versions, the AR27 diffuser features a conical prism design which reduces surface brightness. Louvre and diffuser systems are interchangeable – without having to change the luminaire



FM 90 LLB LOUVRE

**BODY** – Cold rolled mild steel with white epoxy powder coated finish

**LAMP HOLDERS** – Bi-pin, rota-lock lamp holders designed for use with T8 26mm diameter fluorescent lamps

**AIR RETURN** – Air return facility is available as an optional extra on all FM90 Luminaires

**LOUVRE FIXING** – The louvre is fixed to the body by means of four wishbone springs and can be suspended on two springs for lamp replacement

**LLB LOUVRE** – Low Brightness Louvre. Ideal for offices where low brightness and efficiency is required, consists of specular high reflective 350G aluminium

**AR27** – Prismatic acrylic diffuser Ideal for general lighting where glare is not a high factor

**DLB LOUVRE** – Double parabolic louvre. Provide greater visual comfort through exceptional glare control, ideal for critical work areas, consists of specular high reflective 350G aluminium

**VDU LOUVRE** – Visual display louvre. With a critical cut off angle the VDU louvre provides the ultimate in brightness control. A typical installation would be in a control tower at an airport, consists of Specular high reflective 350G aluminium



FM 90 DLB LOUVRE



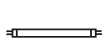
FM 90 AR27 DIFFUSER



FM90 VDU LOUVRE

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## FM 90 CAPS

PRODUCT CODE	Watts	L1	L2	W	H	Kg
<b>FM90-318-ELB</b>	3 x 18W	595mm	625mm	595mm	90mm	3,8
<b>FM90-418-ELB</b>	4 x 18W	595mm	625mm	595mm	90mm	3,8
<b>FM90-236-ELB</b>	2 x 36W	1195mm	1225mm	295mm	90mm	5,9
<b>FM90-336-ELB</b>	3 x 36W	1195mm	1225mm	595mm	90mm	6,4
<b>FM90-436-ELB</b>	4 x 36W	1195mm	1225mm	595mm	90mm	6,6
<b>FM90-258-ELB</b>	2 x 58W	1495mm	1525mm	295mm	90mm	7,0
<b>FM90-358-ELB</b>	3 x 58W	1495mm	1525mm	495mm	90mm	7,2

*Options: add suffix to product code*

- .../AIR Air return facility
- .../AR27 Prismatic Diffuser
- .../LLB Low Brightness Louvre
- .../DLB Double Parabolic Louvre
- .../VDU Visual Display Louvre
- .../DIM Dimmable Ballast
- .../EMG Emergency Mode

FM90

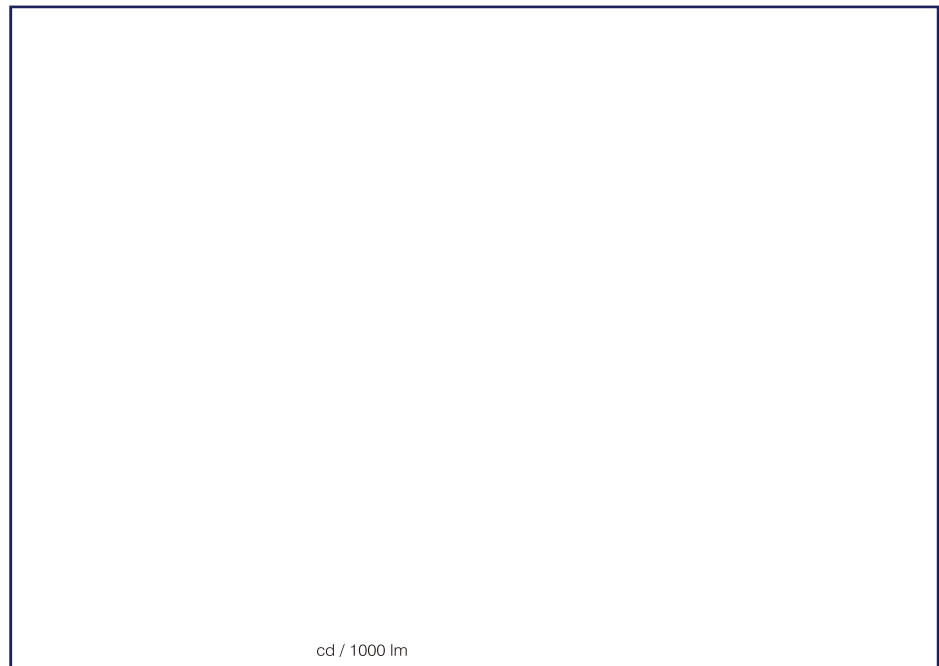
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PHOTOMETRIC DATA



FM90 336 ELB/DLB

Zone	0-60	60-90	Down	Up	Total
% of lamp	70.9	2.8	73.7	0.6	73.7



cd / 1000 lm