

Meson refit matt satinized

Atomis B.V.
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Meson Refit is an efficient recessed LED downlight suitable for a variety of existing ceiling cut-outs. This makes it very easy to adapt to your current lighting situation for an efficient and energy-efficient LED solution. The decorative wide trim makes the luminaire suitable for all existing cut-out sizes from Ø185 up to Ø230mm. Meson Refit is identical to Meson round 190 with a matt reflector and a dual satinized diffuser. The innovative design of LED, light-mixing chamber, reflector and diffuser optics provides a high system efficiency and excellent visual comfort.

Design: Philip Feenstra, 2015



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General information

Luminaire type	LED Recessed downlight
Color	Matt white*
Diffuser	Dual satinized
Reflector	Matt
Driver	Separate with luminaire
Dimmable	Optional DALI, 1-10V
Lighting control system	Upon request
Air extraction	N/A
Emergency lighting	Optional, on ceiling
Operating temperature	-20°C / +40°C

Initial lighting performance

Color temperature (K)	3000/4000*
Gross flux (lm)	1300-3100*
System power (W)	10/16/20/26*
Efficacy (lm/W)	119-127
Light output ratio (%)	78
Color rendering (CRI)	>80*
Glare (UGR)	N/A
Color consistency (SDCM)	2
Expected lifetime	L90B50@50,000h

Mechanical properties

Housing material	Aluminium
Optic material	PMMA, Aluminium
IP class	IP20 (top)/IP40 (bottom)
IK class	N/A
Dimensions (mm)	ø245x124
Cutting dimensions (mm)	ø185-230
Packaging dimensions (mm)	275x275x150
Weight (kg)	1.5

Electrical characteristics

Voltage / Frequency	220-240V*, 50/60Hz
Connector	Euro (CEE 7/16) with 2 meter cable*
Power factor	>0,9
Appliance class	Class II

Warranty

5 years
following Atomis
warranty policy 2015

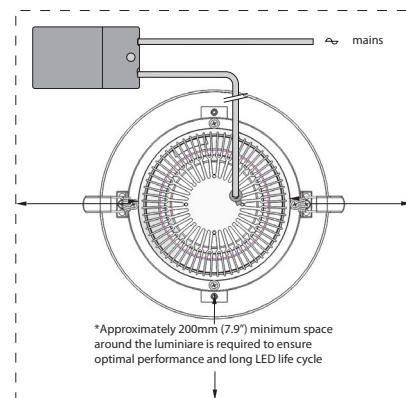
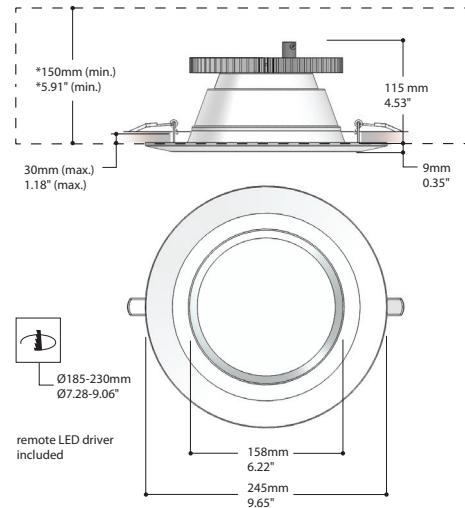
* = other options upon request

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code	W	lm	K
46412.30-6	10	1300	3000
46412.40-6	10	1300	4000
46414.30-6	16	2000	3000
46414.40-6	16	2000	4000
46416.30-6	20	2500	3000
46416.40-6	20	2500	4000
46418.30-6	26	3100	3000
46418.40-6	26	3100	4000
44.800	Dimmable version 1-10V		
44.802	Dimmable version DALI		
44.810	1 hour emergency lighting		
46.035	Protective film		



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