

Meson round 160

Meson round 160 is a recessed IP44 rated narrow beam LED downlighter with a white acrylic trim. The downlighter has a high performance power LED providing warm white light with an excellent colour rendering index. Versions with a rendering index of >90 are available upon request. The internal Jordan Alunova® 40° reflector with spherical facets provides a high performance low glare light distribution. The reflector is covered with a transparent acrylic protection cover. A high performance driver with an electronic power factor correction is included. A wire-sprung spring attachment allows easy installation in false ceilings. Meson round 160 is an ideal solution for indoor and outdoor applications.

Design: Philip Feenstra, 2012



Meson round 160

Atomis B.V.
Jadelaan 33
2132 XX Hoofddorp
The Netherlands

T + 31 (0)23 554 09 20
F + 31 (0)23 554 09 21
E info@atomis.nl
W www.atomis.nl



General information

| | |
|-------------------------|---|
| Luminaire type | LED Recessed downlight |
| Color | White |
| Diffuser | Clear |
| Reflector | 40° metallized with spherical facets |
| 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) | 1400-2900* |
| System power (W) | 10/16/22* |
| Efficacy (lm/W) | 130-135 |
| Light output ratio (%) | 89 |
| Color rendering (CRI) | >80* |
| Glare (UGR) | N/A |
| Color consistency (SDCM) | 2 |
| Expected lifetime | L90B50@50,000h |

Mechanical properties

| | |
|---------------------------|--------------------------|
| Housing material | Aluminium, acrylate |
| Optic material | PMMA, Aluminium |
| IP class | IP20 (top)/IP44 (bottom) |
| IK class | N/A |
| Dimensions (mm) | ø160x149 |
| Cutting dimensions (mm) | ø145 |
| Packaging dimensions (mm) | 310x230x150 |
| 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

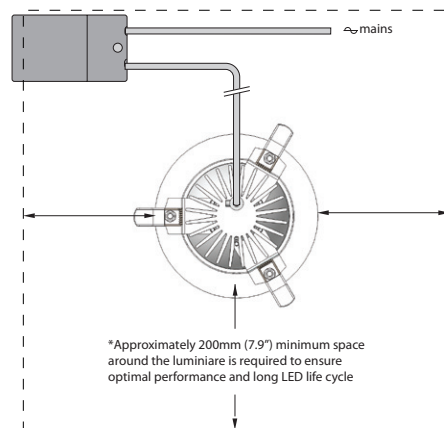
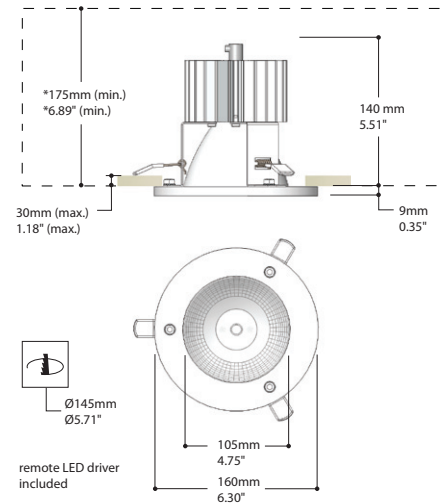
* = other options upon request

Meson round 160

Atomis B.V.
Jadelaan 33
2132 XX Hoofddorp
The Netherlands

T + 31 (0)23 554 09 20
F + 31 (0)23 554 09 21
E info@atomis.nl
W www.atomis.nl

| code | W | lm | K |
|------------|---------------------------|------|------|
| 44703.30-6 | 10 | 1400 | 3000 |
| 44703.40-6 | 10 | 1400 | 4000 |
| 44705.30-6 | 16 | 2200 | 3000 |
| 44705.40-6 | 16 | 2200 | 4000 |
| 44707.30-6 | 22 | 2900 | 3000 |
| 44707.40-6 | 22 | 2900 | 4000 |
| 44.800 | Dimmable version 1-10V | | |
| 44.802 | Dimmable version DALI | | |
| 44.810 | 1 hour emergency lighting | | |



11-07-2018

Download our product catalog at www.atomis.nl