

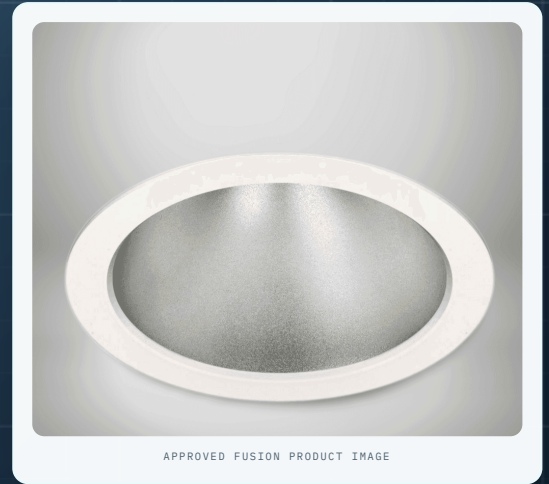
RECESSED / LARGE DIAMETER / LOW PROFILE / DOWNLIGHT

# Fusion

Large-diameter LED downlight with a reduced-profile bezel and flexible reflector, control and emergency options.

Fusion combines a discreet RAL 9016 white bezel with a high-output downlight platform for commercial interiors where the luminaire needs to sit quietly in the ceiling while delivering usable output.

The range includes 3000K and 4000K models from 1025 to 4550 lm, plus a tuneable white option. Reflector, clear lens, DALI, wireless and emergency variants are available for project schedules.



APPROVED FUSION PRODUCT IMAGE

<p><b>Reduced bezel profile</b> Low-profile RAL 9016 white bezel designed to minimise visual impact.</p>	<p><b>Up to 4550 lm</b> Output range covers compact commercial schedules through higher-output variants.</p>	<p><b>Philips DLM platform</b> Philips DLM LED module and driver system for stable commercial downlight performance.</p>	<p><b>Control options</b> Touch dimming, DALI and Casambi wireless suffices are available.</p>	<p><b>Emergency options</b> Remote and integral indicator emergency options are available.</p>	<p><b>&gt;60,000 h L70/B10</b> Long-life platform with nominal rated life over 60,000 hours.</p>
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## Key Features

PRODUCT FEATURES

- + Reduced profile bezel to minimise visual impact, finished in RAL 9016 white.
- + Philips DLM LED module and driver system.
- + DALI, dimming, emergency and wireless control options.
- + MacAdam colour tolerance 3 SDCM.
- + 60 degree satin etched reflector with multi-faceted and specular reflector options.
- + Tuneable white option using Tridonic DLE.
- + Nominal rated life >60,000 h at L70/B10.
- + Manufactured in the UK.

## Dimensions

TECHNICAL DRAWING

Bezel	192 mm	Cut-out	176 mm
Body height	120 mm	Variant height	140 mm for FUSION.5000 only
Ceiling thickness	35 mm max		

## Ordering Information

PERFORMANCE TABLE

LUMINAIRE OUTPUT (LM)	COLOUR TEMP	LUMINAIRE POWER (TCW)	LUMINAIRE EFFICACY (LM/TCW)	MODEL REF.
1025 lm	3000K	9.5 tcw	108 lm/tcw	FUSION.001
1100 lm	4000K	9.5 tcw	116 lm/tcw	FUSION.002
1750 lm	3000K	17.5 tcw	100 lm/tcw	FUSION.003
1900 lm	4000K	17.5 tcw	109 lm/tcw	FUSION.004
2700 lm	3000K	30.0 tcw	90 lm/tcw	FUSION.005
2925 lm	4000K	30.0 tcw	98 lm/tcw	FUSION.006
4200 lm	3000K	46.5 tcw	90 lm/tcw	FUSION.007
4550 lm	4000K	46.5 tcw	98 lm/tcw	FUSION.008
1925 lm	2700K-6500K	27.5 tcw	70 lm/tcw	FUSION.000

## Options

SUFFIX SUMMARY

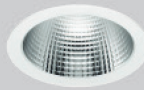
<b>REFLECTORS</b> /MF50, /SP40	<b>CONTROL GEAR</b> /T+DALI, /BTC	<b>CLEAR LENS</b> /54
<b>REMOTE EMERGENCY</b> /EM, /EMD	<b>INTEGRAL EMERGENCY</b> /EMI, /EMDI	

# Specification Options


Reflector, lens, control and emergency options for Fusion project schedules.

## Reflectors and lens


REFLECTOR AND SEALED LENS OPTIONS



**/MF50**  
50 degree multi-facet reflector

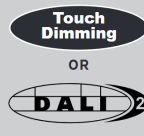


**/SP40**  
40 degree specular reflector




**/54**  
IP54 sealed lens

## Controls




**/T+DALI**  
Touch dimming or DALI control gear




**/BTC**  
Casambi wireless network Inc. dimming


## Emergency




**/EM**  
Emergency remote indicator






**/EMD**  
DALI / Self test EM remote indicator



**/EMI**  
Emergency integral indicator



**/EMDI**  
DALI / Self test EM integral indicator

			Declaration of Conformity available
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Emergency options are not available with tuneable white.

Please note: Specification values may change due to rapid development of lighting technology. All performance data is taken at an ambient temperature of +25 deg C. Data may be rounded up/down for illustrative purposes. Tolerance range of optical and electrical data is +/-10%. We reserve the right to amend or change details without prior notification. E5DE.