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ABTECH Lighting Solutions

VEGA

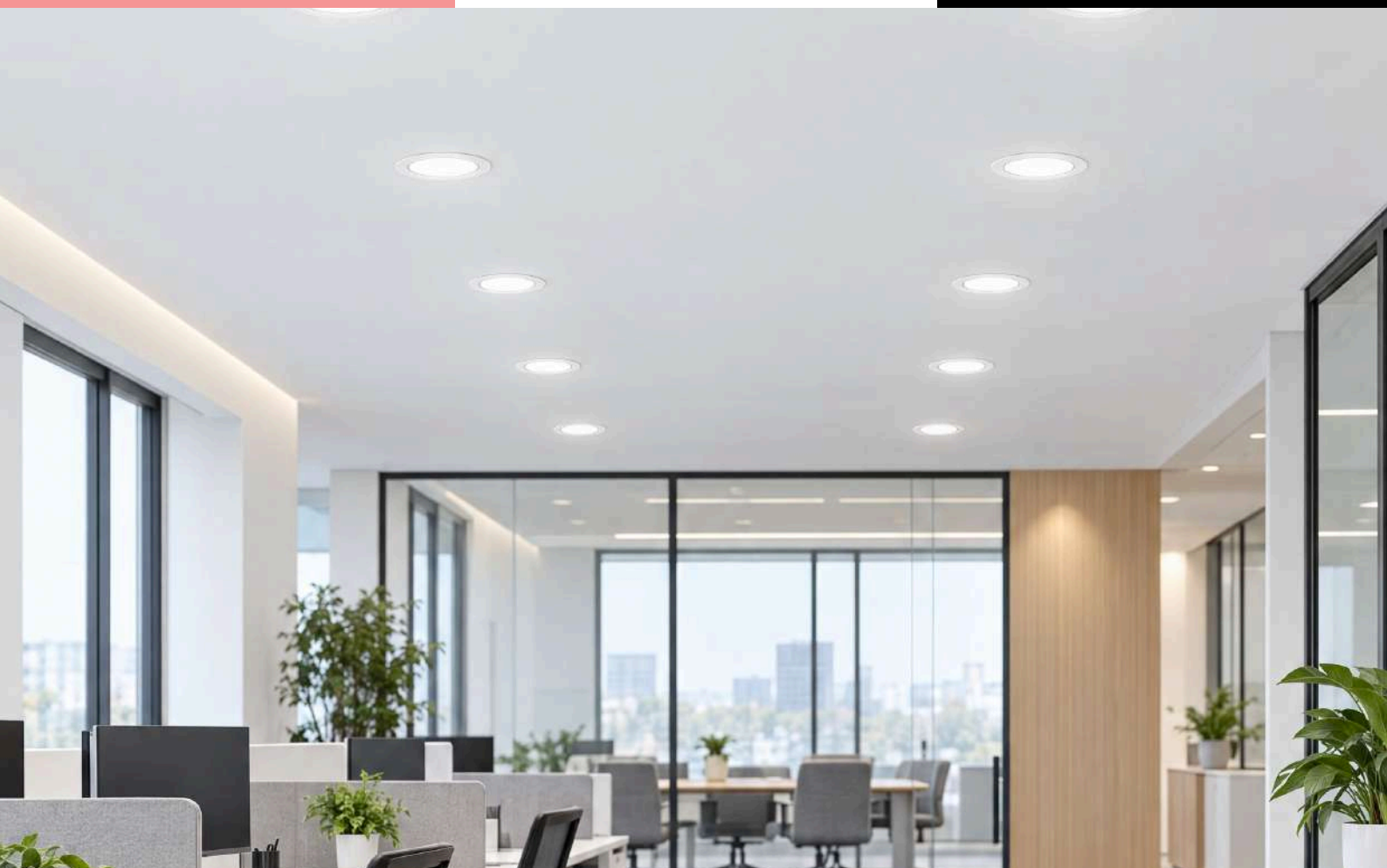
DATASHEET Downlights

SMD Recessed Round Downlight



VEGA

SMD Recessed Round Downlight



Description

Vega is range of round, recessed SMD downlights for general and commercial lighting. Seven sizes from 8 W to 40 W share one clean look – a diffused round face with a white frame and grey die-cast aluminium housing. Every size delivers a consistent 80 lm/W (at 4000 K) using Bridgelux SMD LEDs, with a 110° wide beam and UGR < 26 for comfortable, even illumination. All units are 3CCT DIP-selectable (6000 / 4000 / 3000 K), so a single product covers warm, neutral and cool on site.

APPLICATIONS

- General lighting • Commercial lighting – offices
- Retail, hospitality
- Corridors and residential interiors.

Key Feature

- **Seven sizes** 8 W to 40 W, in one family look
- **Uniform efficacy:**
80 lm/W at 4000 K across every size
- **3CCT DIP-selectable**
3000 K / 4000 K / 6000 K on every unit
- **Bridgelux SMD LEDs** SDCM < 3 • CRI > 80
- **110° wide beam** UGR < 26
- **White frame**
+ grey die-cast aluminium housing (single finish)
- **Driver options:** Tridonic • TCI • Philips
- **Control options:**
On/Off • 10-1V • 10-0 V • DALI • Phase-cut
- **Recessed spring-clip** installation

VEGA

SMD Recessed Round Downlight



TECHNICAL SPECIFICATIONS

Measurement table — all sizes

Code	Power	Dimension Ø×H (mm)	Cut-out (mm)	Luminous Flux @4000K	Beam	CCT	CRI	IP
AB-DWN2-VEGA-8W	8 W	Ø85 × 36	Ø70-75	640 lm	110°	3000/4000/6000K	>80	IP20
AB-DWN2-VEGA-12W	12 W	Ø100 × 36	Ø89	960 lm	110°	3000/4000/6000K	>80	IP20
AB-DWN2-VEGA-15W	15 W	Ø110 × 36	Ø100	1,200 lm	110°	3000/4000/6000K	>80	IP20
AB-DWN2-VEGA-20W	20 W	Ø140 × 38	Ø125	1,600 lm	110°	3000/4000/6000K	>80	IP20
AB-DWN2-VEGA-24W	24 W	Ø155 × 38	Ø140	1,920 lm	110°	3000/4000/6000K	>80	IP20
AB-DWN2-VEGA-30W	30 W	Ø165 × 38	Ø150	2,400 lm	110°	3000/4000/6000K	>80	IP20
AB-DWN2-VEGA-40W	40 W	Ø215 × 41	Ø200	3,200 lm	110°	3000/4000/6000K	>80	IP20

Luminous flux is measured at 4000 K. Every size delivers 80 lm/W, uniform across the family.

Driver & control options

Field	Value
Driver options	Tridonic . TCI . Philips
Control options	On/Off . 1-10 V . 0-10 V . DALI . Phase-cut (selectable per order)

VEGA

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Common specifications

Field	Value
Input voltage	220-240 V AC
LED source	Bridgelux SMD . SDCM < 3
Efficacy	80 lm/W @ 4000 K (all sizes)
CCT	3CCT DIP-selectable - 3000 K / 4000 K / 6000 K
CRI	>80
Beam angle	110°
UGR	< 26
Ingress protection	IP20
Driver	Multiple options - Tridonic . TCI . Philips
Control	On/Off . 1-10 V . 0-10 V . DALI . Phase-cut
Housing material	Die-cast aluminium
Finish	White frame + grey housing (single finish)
Installation	Recessed, spring-clip system
Rated life	35,000 h

INSTALLATION

- **Recessed** mounting into the ceiling cut-out, held by the **spring-clip system**.
- Cut-out per size as listed in the measurement table (Ø70-75 mm for the 8 W, up to Ø200 mm for the 40 W).
- **CCT selection** is made on site via the **DIP switch** (3000 / 4000 / 6000 K).
- Connect to 220-240 V AC; control per the selected driver option — On/Off · 1-10 V · 0-10 V · DALI · Phase-cut.



D'AURORA
BOREALE

