

INDOOR LUMINAIRES — DOWNLIGHT

PURE-DW Dim to Warm Downlight

5W / 10W / 12W | 500-1320 LM | 100/110 LM/W | Ra90 COB | UGR<22

220-240V · RECESSED · 9 TRIMS · 3-5-YEAR WARRANTY



KEY FACTS

PURE-DW DL02-DTW is a dim to warm recessed downlight for restaurants and hotels — 5W to 12W in 55/75/95mm cutouts, one warm-dimming curve per fitting: 1800-3000K at 100lm/W or 2200-4000K at 110lm/W. The Ra90 COB holds color on food and faces down to candlelight, sharing DL02 housings with UGR under 22.

POWER	5W / 10W / 12W
OUTPUT	500-1320 lm · 100/110 lm/W
LIGHT	Ra90 COB 24°/36°/55° · UGR<22
CCT	1800-3000K / 2200-4000K · one per fitting
SUPPLY	220-240V · Recessed · Cutout Ø55/75/95mm
FINISH	☐ White ☒ Black + 7 more (9 total)

- 📍 Restaurants
- 🏨 Hotels
- 🛏 Guestrooms
- 🚪 Corridors

ORDERING — PURE-DW DL02-DTW · 5W / 10W / 12W



ORDER CODE	POWER	SIZE (Ø×H)	CUTOUT	CCT CURVE	BEAM
5629005P	5W	Ø64×H38mm	Ø55mm	1800-3000K / 2200-4000K	24°/36°/55°
5629010P	10W	Ø84×H41mm	Ø75mm	1800-3000K / 2200-4000K	24°/36°/55°
5629012P	12W	Ø105×H42mm	Ø95mm	1800-3000K / 2200-4000K	24°/36°/55°

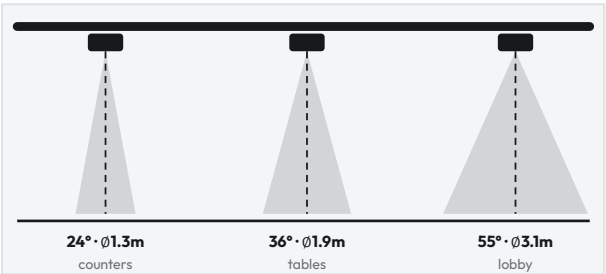
%% Full code = table code + FIN(B/W) + CCT(K1830/K2240), e.g. 5629010PB-K2240
DIM P built in (TRIAC only)
Cutouts & beam on request — contact sales for more.



APPLICATION

- **Curve choice:** 1800-3000K at 100lm/W for bars and late-night dining that ends in candlelight, 2200-4000K at 110lm/W for dining rooms that need bright lunch light first — one curve per fitting at order.
- **Size rule:** Ø55mm/5W corridors, Ø75mm/10W guestrooms, Ø95mm/12W dining rooms · 2.6-3.5 m ceilings read as one family.
- **Glare rule:** deep trim plus COB lens keeps UGR under 22 — the source stays out of direct view at every dim step.
- **Retrofit rule:** 1:1 swap into existing 55/75/95mm cutouts on installed TRIAC wall dimmers — confirm dimmer model at order, no new control wire.

LIGHT DISTRIBUTION — COB 24°/36°/55°



$\varnothing = 2 \times 3 \text{ m} \times \tan(\theta/2)$ · schematic geometry, not measured photometry.

BEAM	Ø AT 3 M	BEST FOR
24°	Ø1.3m	Counters / displays
36°	Ø1.9m	Tables / shelf wash
55°	Ø3.1m	Lobby / corridor wash

CURVE OUTPUT — ONE PER FITTING

CURVE	EFFICACY	EXAMPLE (12W)
1800-3000K (K1830)	100 lm/W	1200lm
2200-4000K (K2240)	110 lm/W	1320lm

Each fitting carries one curve selected at order; lumens rated at full power, dimming warms CCT downward. Re-validate by LM-79 per curve when available.

NOTES

- **Ordering:** Bevel / curved COB trim in White / Black plus 7 more — choose one curve per fitting at order; see % for FIN/CCT suffix (TRIAC built in).
- **Supply & control:** 220-240V AC 50/60Hz · recessed housing · TRIAC / phase-cut wall dimmers, no new control wire; IP20 for dry rooms only.
- **Layout:** 2.6-3.5 m mounting — 5W corridors, 10W guestrooms, 12W dining rooms; one beam per point at ordering.
- **Warranty & family:** 3-5-year warranty with spare drivers; warm-dimming layer — fixed-CCT rooms see PURE-S DL02, splash zones MIST-P DL03.



Scan for live datasheet