

INDOOR LUMINAIRES — DOWNLIGHT

PURE-S Recessed Downlight

5W / 10W / 12W / 18W / 24W / 36W / 50W | 700-7000 LM | 140 LM/W | Ra80 SMD / Ra90 COB | UGR<22

200-240V · RECESSED · WHITE / BLACK · 9 TRIMS · 5-YEAR WARRANTY



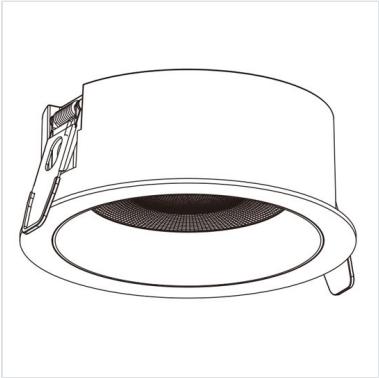
KEY FACTS

PURE-S DL02 is a 2-8 inch recessed downlight family for hotels and restaurants — 5W to 50W covering 700-7000lm at 140lm/W, with SMD arc/flat comfort light plus a 34mm COB lens at Ra90. Seven housings share 55-200mm cutouts with UGR under 22, so corridors, lobbies and dining rooms read as one ceiling.

POWER	5W / 10W / 12W / 18W / 24W / 36W / 50W
OUTPUT	700-7000 lm · 140 lm/W
LIGHT	Ra80 SMD 60° / Ra90 COB 24°/36°/55° · UGR<22
CCT	3000/4000/6000K
SUPPLY	220-240V · Recessed · Cutout Ø55-200mm
FINISH	☐ White ☒ Black + 7 more (9 total)

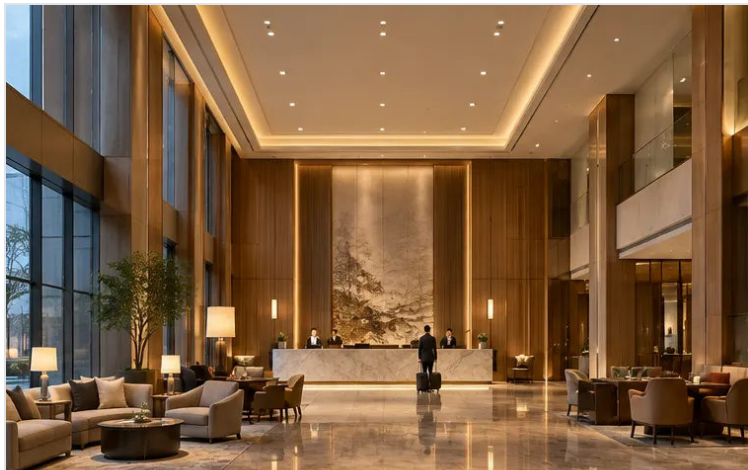
- Hotels
- Restaurants
- Lobbies
- Corridors

ORDERING — PURE-S DL02 · 5W / 10W / 12W / 18W / 24W / 36W / 50W



ORDER CODE	POWER	SIZE (Ø×H)	CUTOUT	CCT	BEAM
5618005	5W	Ø64×H38mm	Ø55mm	3000/4000/6000K	60°/24°/36°/55°
5618010	10W	Ø84×H41mm	Ø75mm	3000/4000/6000K	60°/24°/36°/55°
5618012	12W	Ø105×H42mm	Ø95mm	3000/4000/6000K	60°/24°/36°/55°
5618018	18W	Ø130×H44mm	Ø115-120mm	3000/4000/6000K	60°/24°/36°/55°
5618024	24W	Ø160×H48mm	Ø140-150mm	3000/4000/6000K	60°/24°/36°/55°
5618036	36W	Ø180×H52mm	Ø160mm	3000/4000/6000K	60°/24°/36°/55°
5618050	50W	Ø220×H52mm	Ø200mm	3000/4000/6000K	60°/24°/36°/55°

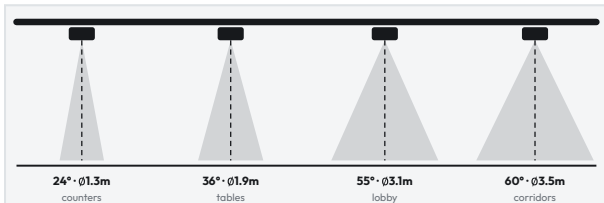
% Full code = table code + FIN(B/W) + DIM(N/V/D) + CCT(K30/K40/K60), e.g. 5618024BV-K40
N=Non-dim · V=0-10V · D=DALI
Cutouts & beam on request — contact sales for more.



APPLICATION

- **Optic choice:** arc SMD for soft lobby wash, flat / inner-tilt SMD for corridor comfort, 34mm COB lens at Ra90 for restaurant tables where food and skin tones matter.
- **Size rule:** 2.6–3.5 m ceilings · 5–12W corridors (Ø55–95), 18–24W lobbies (Ø115–150), 36–50W halls (Ø160–200).
- **Glare rule:** deep trim plus 60° diffuse glass keeps UGR under 22 — the source stays out of direct view in guest rooms.
- **Color rule:** Ra80 SMD for general areas, Ra90 COB where color counts — state one CCT per zone at order so the factory bins each room separately.

LIGHT DISTRIBUTION — SMD 60° / COB 24°/36°/55°



BEAM	Ø AT 3 M	BEST FOR
24°	Ø1.3m	Counters / displays
36°	Ø1.9m	Tables / shelf wash
55°	Ø3.1m	Lobby wash
60°	Ø3.5m	Corridor fill

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

CCT LUMEN MULTIPLIER — RATED @4000K

CCT	MULTIPLIER	EXAMPLE (50W)
3000K	×0.95	6650lm
4000K	×1.00 (rated)	7000lm
6000K	×1.03	7210lm

Ordering-table lumens rated @4000K. Multipliers are the factory standard for this series; re-validate by LM-79 per CCT when available.

NOTES

- **Ordering:** White / Black plus 7 more trims with SMD arc/flat or COB lens — choose optic and one CCT per zone at order; see % for FIN/DIM/CCT suffix.
- **Supply & control:** 220–240V AC 50/60Hz · recessed housing · Non-dim / 0–10V / DALI optional; IP20 for dry rooms only.
- **Layout:** 2.6–3.5 m mounting — 5–12W corridors, 18–24W lobbies, 36–50W halls; one beam per point at ordering.
- **Warranty & family:** 5-year warranty with spare drivers/modules; fixed comfort layer — for splash zones see MIST-P DL03, for jet zones DAMP-P DL04, for tilt accent IRIS-R RD.



Scan for live datasheet