

INDOOR LUMINAIRES — DOWNLIGHT

SURF-C Surface Mounted Downlight

8W / 12W / 15W / 18W / 26W / 36W | 1040–4680 LM | 130 LM/W | Ra80 | UGR<22

220–240V · SURFACE MOUNTED · WHITE / BLACK · GUN BLACK / SILVER ON REQUEST · 5-YEAR WARRANTY



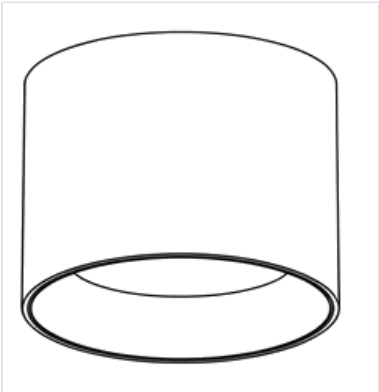
KEY FACTS

SURF-C SD01 is a 2.5–8 inch surface mounted downlight family for hotels — 8W to 36W covering 1040–4680lm at 130lm/W, with a 60° SMD diffuse beam at Ra80 behind a 35mm deep anti-glare cup. Six housings screw straight onto concrete with no cutout, so entries, corridors and lobbies read as one ceiling.

POWER	8W / 12W / 15W / 18W / 26W / 36W
OUTPUT	1040–4680 lm · 130 lm/W
LIGHT	SMD 60° diffuse · Ra80 · UGR<22
CCT	3000/4000/6000K
SUPPLY	220–240V · Surface mounted · No cutout
FINISH	☐ White ☒ Black + gun black / silver on request

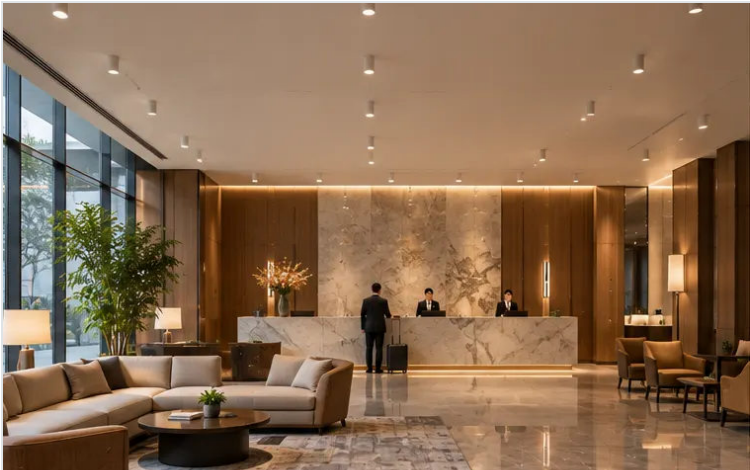
- Hotels
- Corridors
- Lobbies
- Guestrooms

ORDERING — SURF-C SD01 · 8W / 12W / 15W / 18W / 26W / 36W



ORDER CODE	POWER	SIZE (Ø×H)	LUMEN	CCT	BEAM
5622008	8W	Ø74×H70mm	1040lm	3000/4000/6000K	60°
5622012	12W	Ø94×H70mm	1560lm	3000/4000/6000K	60°
5622015	15W	Ø119×H73mm	1950lm	3000/4000/6000K	60°
5622018	18W	Ø140×H76mm	2340lm	3000/4000/6000K	60°
5622026	26W	Ø159×H80mm	3380lm	3000/4000/6000K	60°
5622036	36W	Ø199×H91mm	4680lm	3000/4000/6000K	60°

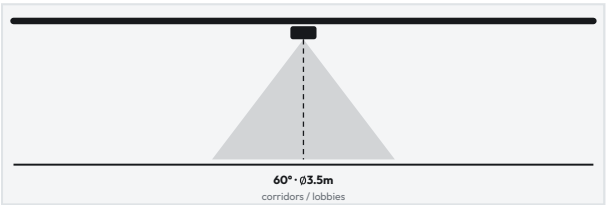
% Full code = table code + FIN(B/W) + DIM(N/P/V/D) + CCT(K30/K40/K60), e.g. 5622026BW-K40
N=Non-dim · P=TRIAC · V=0-10V · D=DALI
Sizes & cup finishes on request — contact sales for more.



APPLICATION

- Size rule:** 2.6–3.5 m ceilings · 8–15W entries (2.5–4 inch), 18W corridors (5 inch), 26–36W lobbies (6–8 inch).
- Mount rule:** round base screws to concrete slabs and plasterboard with no cutout — covers a standard junction box, ideal for retrofit hotels.
- Glare rule:** 35mm deep cup plus ring reflector hides the SMD source at standing eye angles — UGR under 22 with a soft 60° wash.
- Color rule:** one CCT per zone at order (3000K lobbies, 4000K corridors, 6000K halls) — white cups vanish into pale ceilings, black cups read as deliberate accent gear.

LIGHT DISTRIBUTION — 60° DIFFUSE WASH @ 3 M



Ø = 2 × 3 m × tan(θ/2) · schematic geometry, not measured photometry.

BEAM	Ø AT 3 M	BEST FOR
60°	Ø3.5m	Corridor fill / lobby wash

CCT LUMEN MULTIPLIER — RATED @4000K

CCT	MULTIPLIER	EXAMPLE (36W)
3000K	×0.95	4446lm
4000K	×1.00 (rated)	4680lm
6000K	×1.03	4820lm

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 cups with 60° SMD diffuse — choose one CCT per zone at order; see % for FIN/DIM/CCT suffix. Gun black / bright silver on request.
- Supply & control:** 220–240V AC 50/60Hz · surface mounted, no cutout · Non-dim default; TRIAC / 0-10V / DALI optional; IP20 for dry rooms only.
- Layout:** 2.6–3.5 m mounting — 8–15W entries, 18W corridors, 26–36W lobbies; one finish per room so mixed floors read as one language.
- Warranty & family:** 5-year warranty with spare drivers/modules; fixed wash layer — for aimable accent see IRIS-S SL, for recessed look PURE-S DL02.



Scan for live datasheet