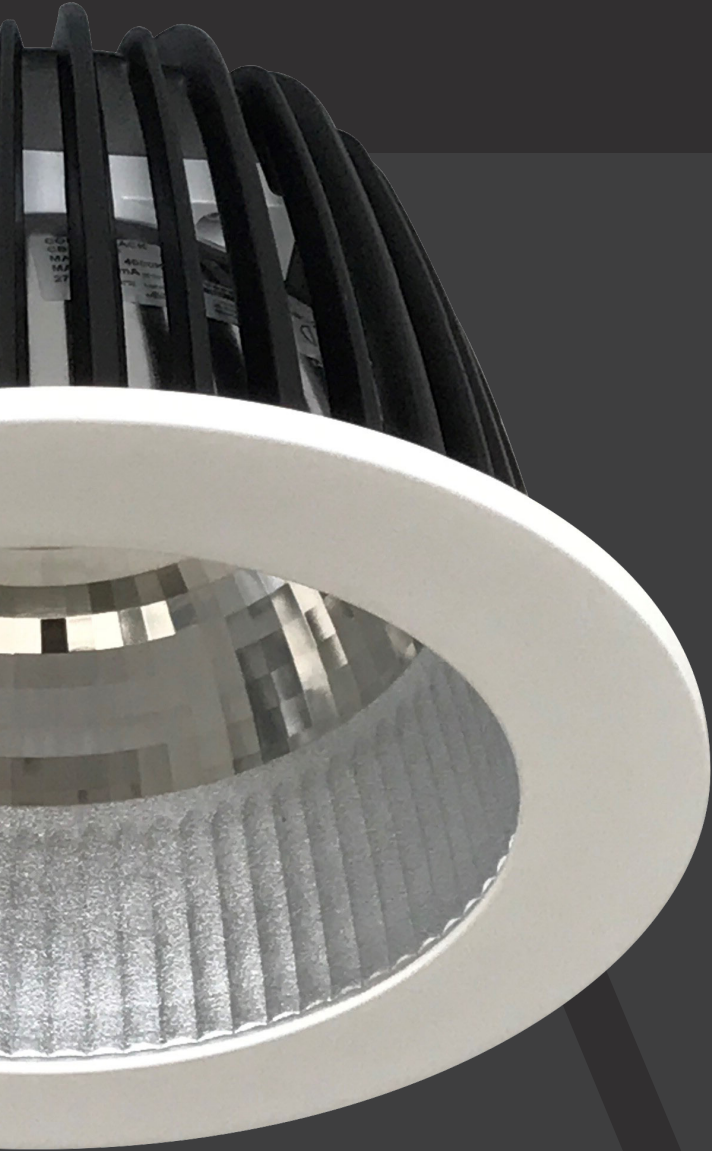


COMO BLACK



1 downlight, 16 outputs

Unique Versalux MULTI-FIT fixed output or trailing-edge drivers

DALI drivers optional

Unique Versalux light engine designed to complement faceted optic for >100lm/W with high visual comfort

Unique thermal management

High quality, low-glare primary optic featuring two-stage multi-faceted design

Fixture configurations include:

- Open reflector
- Clear or frosted glass lenses (IP44 from below)
- Anti-vandal version (Clear polycarbonate lens with Torx-screws, IP44 from below)
- Decorative 'floating' frosted glass ring

Matches existing COMO downlights for upgrades and extensions

A NEW REVOLUTION FOR AUSTRALIA'S LEADING DOWNLIGHT
COMO BLACK - THE NEXT GENERATION



ONE DOWNLIGHT MANY CHOICES

We are proud to announce the release of the COMO BLACK downlight series, an exciting evolution for our celebrated COMO series. The refined luminaire family unites elegance and performance in a stunning display of stylistic and engineering proficiency, creating a bold new flagship in our extensive portfolio of products. Capable of delivering sixteen light output levels between 700lm - 3700lm (approx. 8W - 41W), it offers designers the ability to fine-tune lighting levels for optimal efficiency.

Building on the COMO's superb foundation, COMO BLACK features a precision-designed two-stage faceted optic: a specular tessellation for control and efficiency atop a radially faceted fine-stipple array for soft, uniform high-angle luminance, delivering fixture efficacy of up to 105lm/W whilst maintaining high visual comfort. COMO BLACK also offers a wealth of optic variations, including an open reflector, clear glass, frosted glass, anti-vandal polycarbonate lens, or decorative glass.

The black-powdercoated, die-cast aluminium housing of the COMO BLACK is truly inspired; filling the role of both superstructure and heat-dissipation, a spoke array radiates from the upper hub, cascading down to finally join together and form the lower mounting plate. An understated trim ring in powdercoated die-cast aluminium bayonet-fixes to the mounting plate for longevity and clean, modern aesthetics, and is standard in white or black finish. For amenities and other applications where splash-resistance is required, COMO BLACK glass and polycarbonate lens options are IP44 from below the ceiling (Décor glass versions are not IP44).

Standard driver options for the COMO BLACK are fixed output, trailing-edge dimmable or DALI dimmable (all remote). Standard in CRI80, the choice of LED colour temperatures are either 3000K or 4000K.

And of course all COMO BLACK fixtures are backed by Versalux's industry-leading warranty for the peace-of-mind that comes with dealing with a 40+ year privately Australian-owned project lighting company.

MULTI-FIT DRIVERS

Fixed Output or Trailing-Edge Dimmable

4 driver versions:

- 180-350mA
- 450-600mA
- 700-850mA
- 900-1050mA

4 selectable outputs per driver version



16 SELECTABLE OUTPUTS

All COMO BLACK fixtures are capable of delivering up to 3700lm* fixture output.

For Fixed Output and Trailing-Edge Dimmable applications, COMO BLACK fixtures are supplied with one of four 'MULTI-FIT' remote drivers, each with four selectable output settings for a total of sixteen possible fixture output levels.

The MULTI-FIT drivers are stocked ready to supply in five common current settings as shown in colour on the table below. The remaining eleven outputs can be quickly set by Versalux on request, allowing projects to be fine-tuned to an extremely high level of optimisation.

For DALI applications, DALI drivers will be supplied set to any desired maximum output up to the nominal 3700lm* fixture output. For example, nominate a COMO BLACK 3 with DALI and the driver will be set for 500mA when the signal requests 100% fixture output.

When specifying COMO BLACK fixtures, nominate your desired driver setting.

* Based upon an Open Reflector 4000K CRI80 fixture. Other configurations will alter the output accordingly.



COMO BLACK				Open Reflector		Clear Glass IP44†		Frosted Glass IP44†		PC Lens IP44†		Décor Glass		
				3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K	
Driver	Setting	Current (mA)	Power (W)	Flux* (lm)										
COMO BLACK 1	1	1	180	7.8	777	822	723	765	669	708	715	756	756	800
	1	2	240	10.0	981	1038	912	909	845	894	902	955	954	1010
	1	3	300	12.2	1184	1253	1101	1098	1020	1080	1089	1152	1152	1219
COMO BLACK 2	1	4	350	14.0	1355	1434	1260	1333	1168	1235	1246	1319	1318	1395
	2	1	450	18.4	1761	1864	1638	1633	1518	1606	1620	1714	1714	1814
COMO BLACK 3	2	2	500	20.9	1966	2080	1828	1935	1694	1793	1809	1914	1913	2024
	2	3	550	22.6	2113	2236	1965	1959	1821	1927	1944	2057	2056	2176
	2	4	600	24.2	2259	2391	2101	2095	1947	2060	2078	2199	2199	2327
COMO BLACK 4	3	1	700	27.5	2552	2702	2374	2512	2201	2329	2348	2485	2485	2630
	3	2	750	29.4	2690	2847	2502	2494	2319	2453	2475	2619	2618	2770
	3	3	800	31.3	2827	2992	2629	2622	2437	2578	2601	2752	2751	2912
	3	4	850	33.2	2964	3137	2757	2749	2555	2703	2727	2885	2885	3053
	4	1	900	35.1	3100	3281	2883	2875	2672	2827	2852	3018	3017	3193
	4	2	950	37.0	3237	3426	3011	3002	2790	2952	2978	3151	3150	3334
COMO BLACK 5	4	3	1000	38.9	3374	3571	3138	3129	2908	3077	3104	3285	3284	3475
	4	4	1050	40.8	3510	3716	3264	2455	3027	3203	3229	3417	3417	3616

*Based upon a CRI80 fixture output
†IP44 from underside of ceiling

OUTPUT SUGGESTIONS

The table below provides an indicative version of the COMO BLACK to be used across a common set of architectural spaces and tasks. The lighting level shown for each space/task is the base level nominated in AS1680.2.1, and can be used as a starting point for deciding on the appropriate output levels likely to be required.

For more detailed indications, contact your local Versalux representative for guidance and/or lighting calculations.

		Ceiling Heights			
		2.7m	3m	3.5m	4m
Entrances					
Entrance halls, lobbies, foyers*	160lx	COMO BLACK 3	COMO BLACK 3	COMO BLACK 4	COMO BLACK 5
Waiting rooms*	160lx	COMO BLACK 3	COMO BLACK 3	COMO BLACK 4	COMO BLACK 5
Enquiry desks	320lx	COMO BLACK 3	COMO BLACK 4	COMO BLACK 5	COMO BLACK 5
Gatehouses	160lx	COMO BLACK 2	COMO BLACK 2	COMO BLACK 3	COMO BLACK 4
Circulation Areas					
Corridors, passageways, ramps*	40lx	COMO BLACK 1	COMO BLACK 1	COMO BLACK 1	COMO BLACK 2
Stairs (internal)*	80lx	COMO BLACK 2	COMO BLACK 2	COMO BLACK 3	COMO BLACK 4
Staff Canteens, Cafeterias, Dining Rooms					
General	160lx	COMO BLACK 2	COMO BLACK 2	COMO BLACK 3	COMO BLACK 4
Counters	240lx	COMO BLACK 3	COMO BLACK 4	COMO BLACK 5	COMO BLACK 5
Kitchens					
General	160lx	COMO BLACK 2	COMO BLACK 2	COMO BLACK 3	COMO BLACK 4
Food preparation, cooking, washing up	240lx	COMO BLACK 3	COMO BLACK 4	COMO BLACK 5	COMO BLACK 5
Staff Rooms					
Changing rooms, locker rooms*	80lx	COMO BLACK 1	COMO BLACK 2	COMO BLACK 2	COMO BLACK 3
Cleaners' rooms*	80lx	COMO BLACK 2	COMO BLACK 3	COMO BLACK 4	COMO BLACK 5
Cloakrooms*	80lx	COMO BLACK 2	COMO BLACK 2	COMO BLACK 3	COMO BLACK 3
First Aid Centres					
Treatment rooms	320lx	COMO BLACK 3	COMO BLACK 4	COMO BLACK 5	COMO BLACK 5
Toilets					
Toilets*	80lx	COMO BLACK 1	COMO BLACK 1	COMO BLACK 2	COMO BLACK 2
Storerooms					
Rough bulky material: Dead storage*	40lx	COMO BLACK 1	COMO BLACK 1	COMO BLACK 2	COMO BLACK 2
Rough bulky material: Live storage*	80lx	COMO BLACK 2	COMO BLACK 2	COMO BLACK 3	COMO BLACK 4
Medium or fine material requiring care: Dead storage*	80lx	COMO BLACK 2	COMO BLACK 2	COMO BLACK 3	COMO BLACK 4
Medium or fine material requiring care: Live storage*	160lx	COMO BLACK 4	COMO BLACK 4	COMO BLACK 5	COMO BLACK 5
Counters: Intermittent tasks	240lx	COMO BLACK 5	COMO BLACK 5	COMO BLACK 5	COMO BLACK 5
Counters: Sustained tasks	320lx	COMO BLACK 5	COMO BLACK 5	COMO BLACK 5	COMO BLACK 5
Carparks (Indoors)					
Pay booths	160lx	COMO BLACK 2	COMO BLACK 2	COMO BLACK 3	COMO BLACK 4

* Based upon floor level illumination



Maserati Showroom
COMO BLACK 5

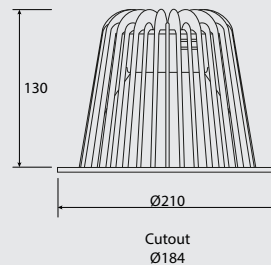
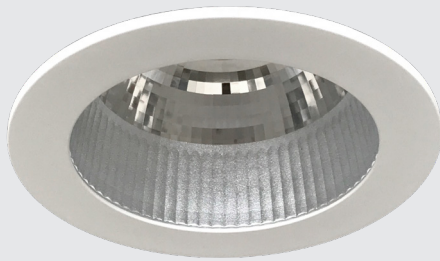


Portland Secondary College
COMO BLACK 1



Redcliffe Hospital
COMO BLACK 3

Breilting Headquarters
COMO BLACK 2



COMO BLACK SPECIFICATION

Specifying a COMO BLACK can be done listing the variations required as per below:

Selecting your COMO BLACK

1 Nominate desired output

COMO BLACK 1
COMO BLACK 2
COMO BLACK 3
COMO BLACK 4
COMO BLACK 5

2

Nominate trim style

Faceted reflector with open Flat Trim
Faceted reflector with Clear Glass in beveled trim
Faceted reflector with clear Anti-Vandal polycarbonate lens in beveled trim
Faceted reflector with Frosted Glass in beveled trim
Faceted reflector with Décor Glass with open flat trim

3 Nominate fixture control

Remote Fixed Output driver
Remote DALI Dimmable driver
Remote Trailing-Edge dimmable driver

4

Nominate LED control

3000K CRI80
4000K CRI80

5

Nominate trim finish

White trim finish
Black trim finish

Example:

Sales Reference: **CB2FGDD3KB**

Description: COMO BLACK 2, faceted reflector with Frosted Glass in beveled trim, remote DALI Dimmable driver, 3000K CRI80, Black trim

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