

THORN
LIGHTING



AXYL OPERA (DRIVE OVER)

Life in colour



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WORK

LIGHTING IN PERFECT HARMONY

Need a drive-over in-ground recessed luminaire? No problem, Axyl Opera is here. Axyl Opera drive over features a shallow recessing depth, an aluminium front bezel, high mechanical resistance mixed with excellent lighting performance and tiltable optics.

Axyl Opera drive over is available in XL version across three different beam angles including narrow, medium and asymmetric.

With options including recessed light engine and cross louvres for excellent glare control. Robust and tough, Axyl Opera (Drive Over) boasts an impressive maximum load capacity of 3500 kg.

Axyl Opera Drive Over is DALI-2 on-board.

AXYL OPERA

FEATURES

SHAPE AND SIZES

Axyl Opera drive over is a square in-ground luminaire available in extra large size.

LIGHT QUALITY

COB and high power LEDs offer precise light distribution and CRI 90.

CONTROLLABILITY

Axyl Opera drive over is available DALI-2 on-board.

DURABILITY

Axyl Opera drive ver is rated IP65/IP67 and IK10. Corrosion Class C3.

HOUSING COLOUR

Available in White (R9016), Black (R9005), Light Grey (R9006), Anthracite Grey (G9005).

WIRING

Luminaire supplied with neoprene 0.2 m type H07RN-F secured by cable gland PG 13.5 (Ø 6÷12 mm) and sealed with B component epoxy resin, wired internally protected by silicon sheaths.

TECHNICAL DESCRIPTION

Die-cast aluminium housing with high corrosion resistance.

Aluminium front bezel, 2mm thickness.

Toughened glass diffuser 12 mm for extra large.

A2 Screws with Geomet treatment.

Silicone gaskets.

Double Power Paint process.

Supplied with polypropylene recessing box.

Electrical Class I.

3 SDCM COB light engine.

Risk class RG1.

Operating Ambient Temperature -20 °C to +35 °C.

Lifetime: 70 000 Hrs L80 B10 Ta 25 °C / 50 000 Hrs L80 B10 Ta 40 °C.

Maximum load capacity 3500 kg.

CERTIFICATION



PHOTOMETRIC SUMMARY

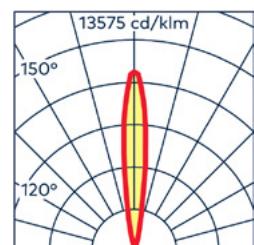
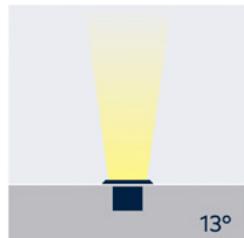
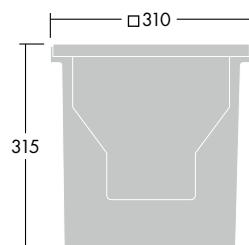
Size	Colour temp	No. of LEDs	Beam angle	Lumen output (lm)	Power (W)	Rated input power (W)	Luminaire efficacy (lm/W)
Extra Large	2700 K	1	Medium Beam	2550	33.8	40.6	62.81
	3000 K			2685			66.13
	4000 K			2953			72.73
	2700 K			4183			71.63
	3000 K	36	Narrow Beam	4357	54.8	58.4	74.61
	4000 K			4944			84.66
	2700 K			4357			74.61
	3000 K			4754			81.40
	4000 K		Asymmetric	5150			88.18



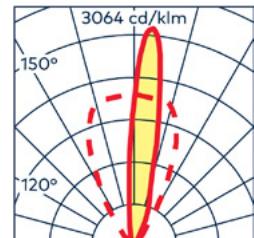
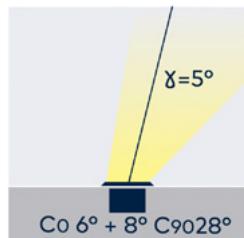
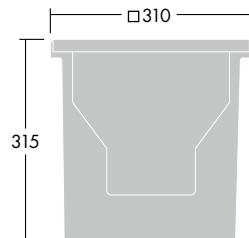


AXYL OPERA

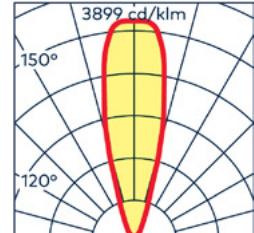
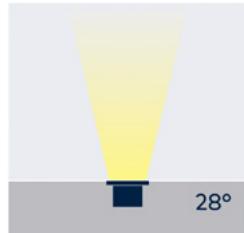
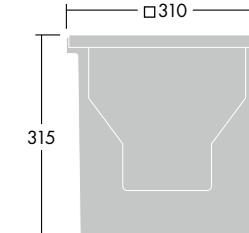
EXTRA LARGE (NARROW BEAM)



EXTRA LARGE (ASYMMETRIC BEAM)



EXTRA LARGE (MEDIUM BEAM)





BUILD YOUR PRODUCT

AXYL OPERA

IN GROUND DRIVE OVER

Product	Size (Shape)	Mounting	LED
Axyl Opera	310 mm (front square)	XL Drive Over DO	Chip on board Single LED 36 LED Module 1L 36L

EXAMPLE PRODUCT DESCRIPTION

Axyl Opera	XL	DO	1L

Colour temp	Optic	Control	Body colour
CRI 90 2700 K	927 Transparent glass – Narrow Spot Beam 13° with lens	NB DALI-2 Integrated	White texturised WH
CRI 90 3000 K	930 Transparent Glass – Medium Beam 28° (tiltable +/- 15°)	MB	Black texturised BK
CRI 90 4000 K	940 Transparent glass – Asymmetrical Beam 58°	AS	Light Grey texturised GY
			Anthracite Grey texturised ANT

EXAMPLE PRODUCT DESCRIPTION

927	MB	HFX	ANT



5 YEAR
GUARANTEE

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries. thornlighting.com/guarantee

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