

OPTIK



downlights



IP66 | IK11 | Linear downlights

Version 1 Global | July 2024



Light as architecture.

Specifiers can now transform architectural exterior environments

Available in 3 standard functional sizes, in surface, recessed or suspended mounting



it's impact and waterproof

Impact resistance goes hand-in-hand with ingress protection that ensures our OPTIK downlight can be installed in challenging environments



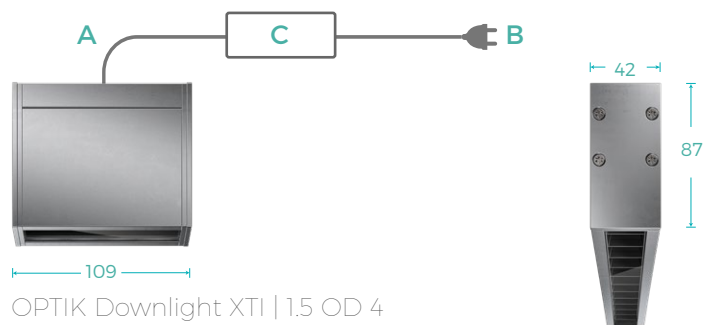
Our drop test rig can measures impacts up to 75joules of energy, higher than the IK11 product standard



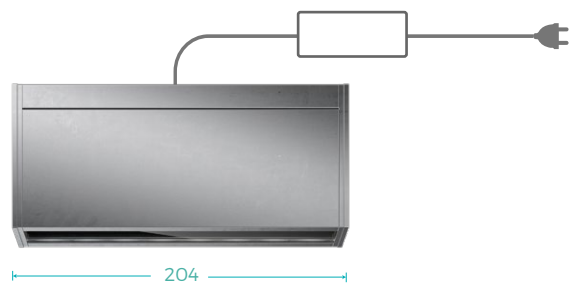
Weatherproof housing protects all internal components from corrosion damage

Specifications

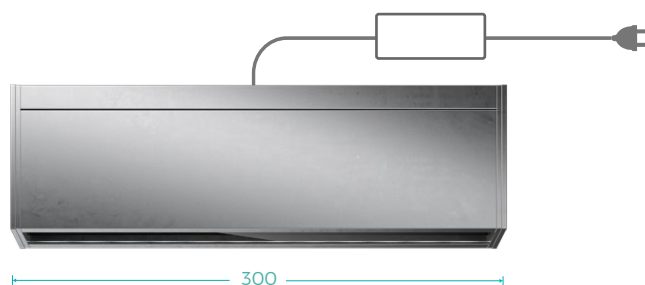
Model and dimensions



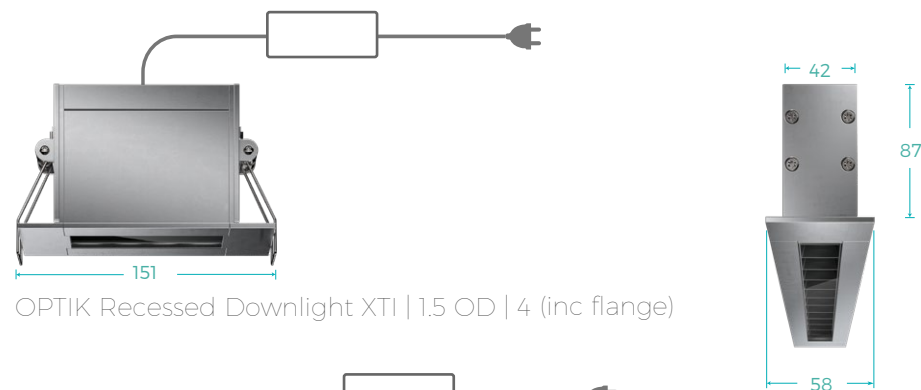
OPTIK Downlight XTI | 1.5 OD 4



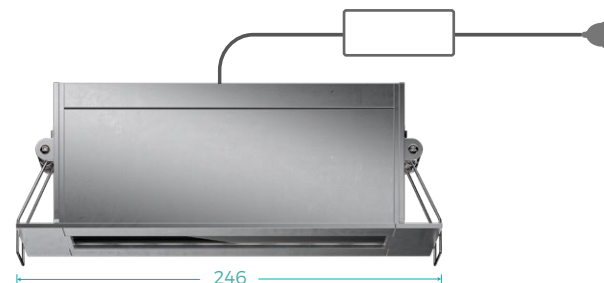
OPTIK Downlight XTI | 1.5 OD 8



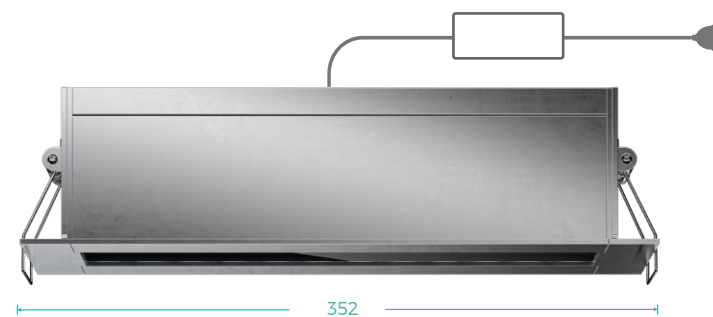
OPTIK Downlight XTI | 1.5 OD 12



OPTIK Recessed Downlight XTI | 1.5 OD | 4 (inc flange)



OPTIK Recessed Downlight XTI | 1.5 OD | 8 (inc flange)



OPTIK Recessed Downlight XTI | 1.5 OD | 12 (inc flange)

A = Driver Lead - Length for wire suspended version - 2500mm
All other suspension types length - 500mm

B = Flex Lead - For all suspension types - 2000mm

C = Driver - Average Driver length - 129mm /
Width - 50mm / Height - 26mm

OPTIK Downlight Specifications

SURFACE



RECESSED



OPTIK Downlight 4



OPTIK Downlight 8



OPTIK Downlight 12

		4 CELL	8 CELL	12 CELL
Lengths		Surface - 109mm Recessed - 151mm	Surface - 204mm Recessed - 246mm	Surface - 300mm Recessed - 352mm
Impact protection	IK11			
IP rating	Ingress Protection IP66 as standard (IP20 Optional)			
Materials & finish	Extruded anodised black thermal aluminium			
Lens	Clear Polycarbonate			
Performance	L90 B10 114,000 Hours			
Ambient temperature	-25° C to +50° C operating range with electronic thermal management			
Storage temperature	-20° C to 70° C			
Operating temperature	-10° C to 50° C			
Optic	Narrow	Medium	Wide	Oval Beam
White	18°	28°	64°	20° x 40°
Colour temperature	3000K / 3500K / 4000K options available			
Weight		Surface 500g Recessed 600g	Surface 750g Recessed 850g	Surface 1000g Recessed 1100g
Light source	Samsung LEDs 3000K / 3500K / 4000K			
CRI	>80			
Luminous intensity	IES photometric files available	348 – 563lm	697 – 1126lm	1045 – 1689lm
Efficacy	Up to 100 lumens per watt			
Power	Total wattage including integral driver	3.2 – 6.4W	6.4 – 12.9W	9.6 – 19.40W
Control	Remote fixed output or DALI driver with flex + 2 pin plug			
Power Input	240V Nominal			
Housing	Available in 3 standard finishes: Silver Kinetic Pearl Precious powder-coated finish / Black texture powder-coated finish / White texture powder-coated finish			

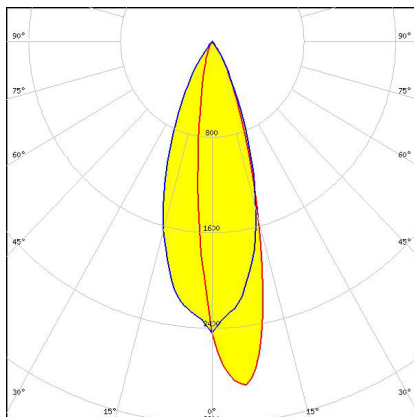
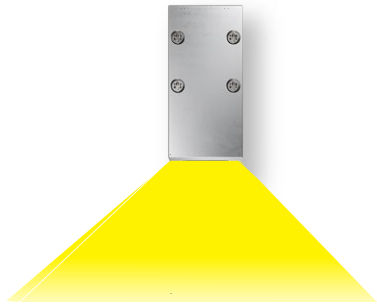
Photometrics

Examples of typical performance are shown below for reference.

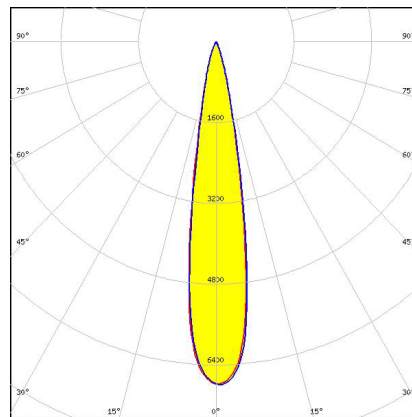
Please visit xconfigurator.xerolighting.com for the latest and most up to date IES photometric files



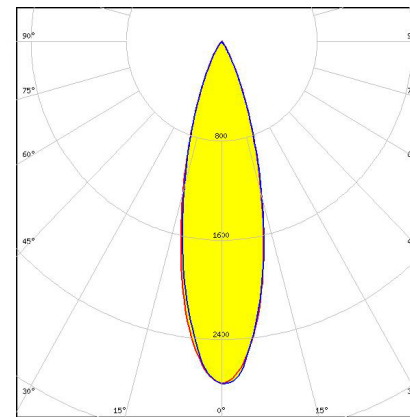
Oval Beam
20° x 40°



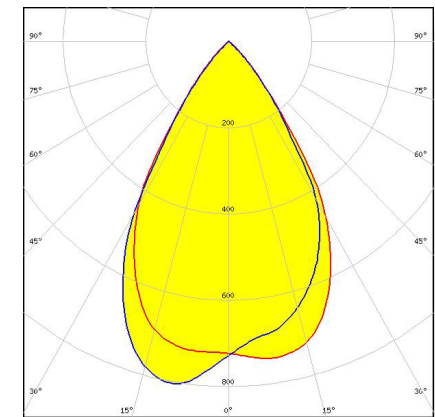
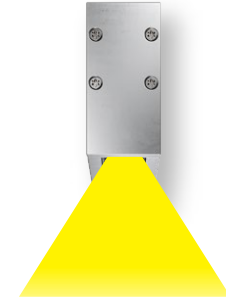
Narrow
18°



Medium
28°



Wide
64°



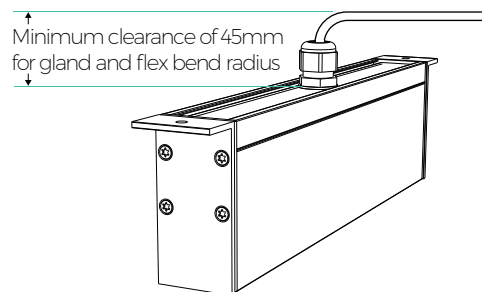
Specifying your OPTIK Downlight

Attribute	Model	IP rating	(Cell) Size	Mounting		Colour		Distribution		Delivered Lumens-mA	4 Cell Output lm	8 Cell Output lm	12 Cell Output lm	Remote Driver FIX	
Variants	XTI_1.5_OD	20	4	SE	Surface mounted with 'L' shaped end cap	B	Textured Black	18	18° Spot Beam	250	350	700	1050	FIX	Fixed Output IP20
		66	8	SF	Surface mounted with flush mounting bracket	W	Textured White	28	28° Medium Beam	300	410	820	1230	DALI	DALI-2 Dimming IP20
			12	REC	Recessed with spring clip	A	Natural Anodised	64	64° Wide Beam	350	470	940	1410	0-10V	0-10V Dimming IP20
				WS	Wire suspended			O	Oval Beam wall washer	400	500	1000	1500	FIX-IP	Fixed Output IP66
										450	530	1060	1600	DALI-IP	DALI-2 Dimming IP66
										500	560	1130	1690		

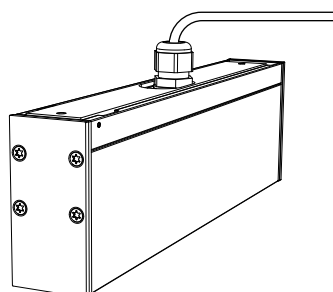
Naming example below

XTI_1.5_OD / 20 / 4 / SE / B / 18 / 400 / FIX

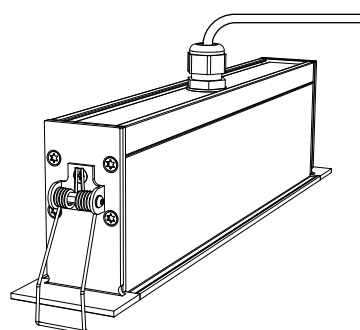
Mounting Options*



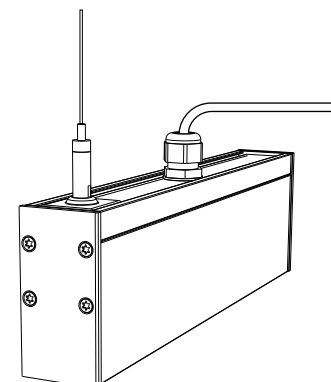
Surface mounting brackets



Flush mount brackets



Recessed clips



Wire suspension

*Custom options are possible on application in project quantities

View OPTIK
Downlights
webpage



Xero Linear Lighting | OPTIK Downlight

P: +61 2 8599 9788 E: headoffice@xerolighting.com W: xerolighting.com

Xero Linear Lighting Systems

