OPTIK

downlights



IP66 | IK11 | Linear downlights

Version 1 | USA | July 2024

XERO

Light as architecture.

Specifiers can now transform architectural exterior environments

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



XTI | 1.5 OD | 4

XTI | 1.5 OD | 8

XTI | 1.5 OD | 12

it's impact and water**proof**

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

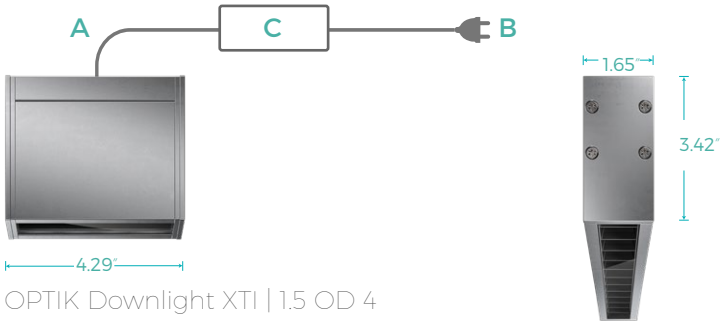
IK11

IP66

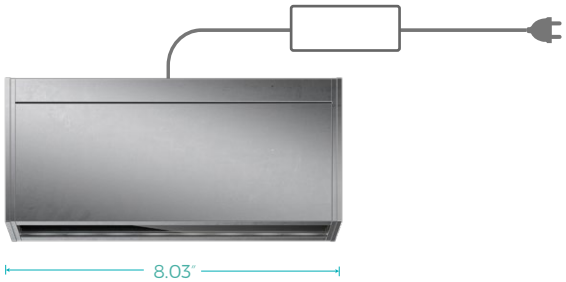
Weatherproof housing protects all internal components from corrosion damage

Specifications

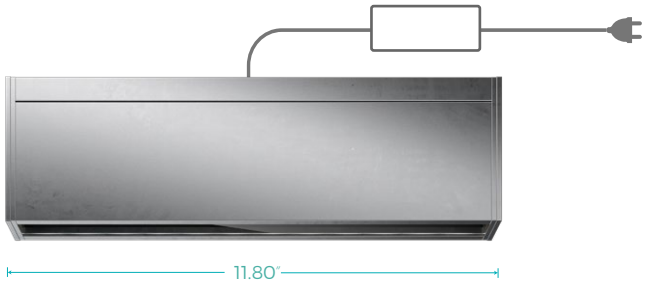
Model and dimensions



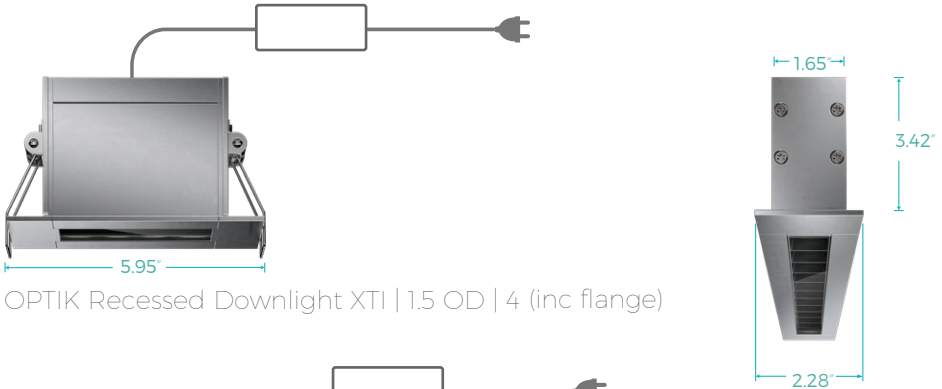
OPTIK Downlight XTI | 1.5 OD 4



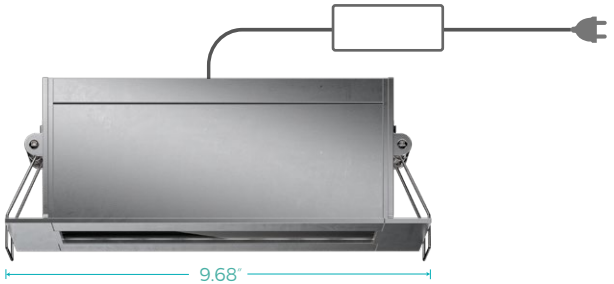
OPTIK Downlight XTI | 1.5 OD 8



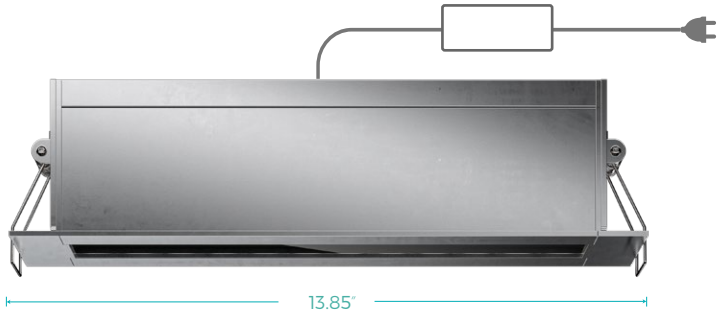
OPTIK Downlight XTI | 1.5 OD 12



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 - 98.4″
All other suspension types length - 9.7″

B = **Flex Lead** - For all suspension types - 78.7″

C = **Driver** - Average Driver Length -5.08″
Width -1.96″ / Height - 1.02″

OPTIK Downlight Specifications

SURFACE RECESSED



OPTIK Downlight 4



OPTIK Downlight 8



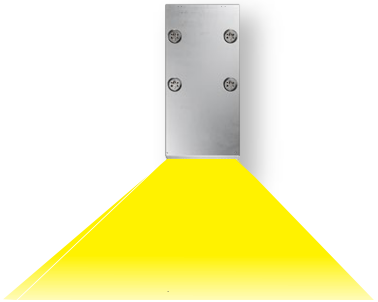
OPTIK Downlight 12

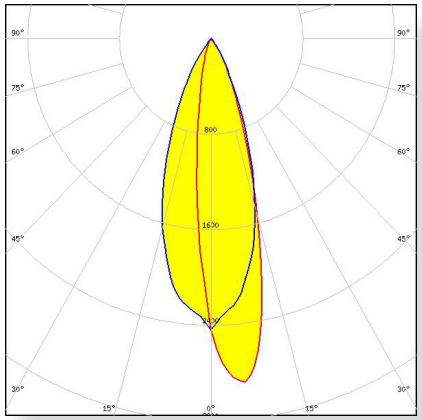
				4 CELL	8 CELL	12 CELL
Lengths				Surface - 4.30" Recessed - 2.0"	Surface - 8.03" Recessed - 9.68"	Surface 11.8" Recessed - 13.85"
Impact protection	IK11					
IP rating	Ingress Protection IP66 as standard (IP20 Optional)					
Materials & finish	Extruded anodised black thermal aluminium					
Lens	Clear Polycarbonate					
Performance	L90 B10 114,000 Hours					
Ambient temperature	-77° F to +122° F operating range with electronic thermal management					
Storage temperature	-77° F to 158° F					
Operating temperature	-50° F to 122° F					
Optic	Narrow	Medium	Wide	Oval Beam		
White	18°	28°	64°	20° x 40°		
Colour temperature	3000K / 3500K / 4000K options available					
Weight				Surface 1.10 lbs Recessed 1.32lbs	Surface 1.65lbs Recessed 1.87lbs	Surface 2.20lbs Recessed 2.42lbs
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	110V Nominal					
Housing	Available in 3 standard finishes: Aluminium anodised / 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

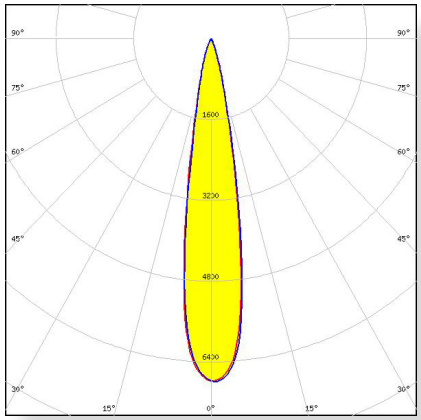
Oval Beam
20˚ x 40˚





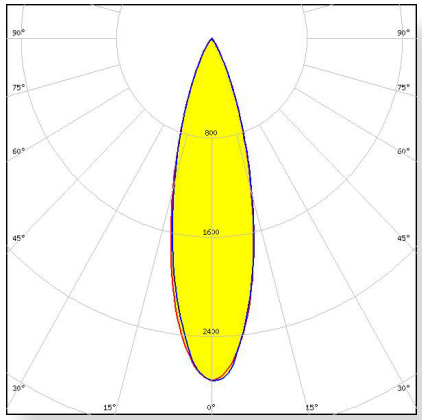
Narrow
18˚





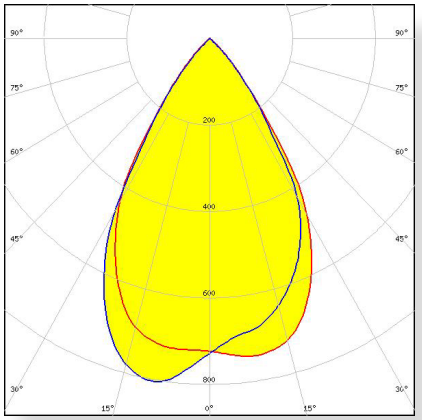
Medium
28˚





Wide
64˚





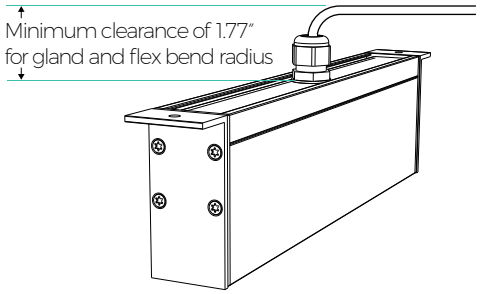
Specifying your OPTIK Downlight

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		

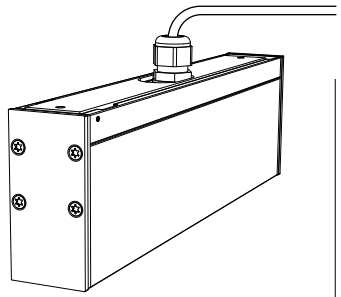
Naming example below

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

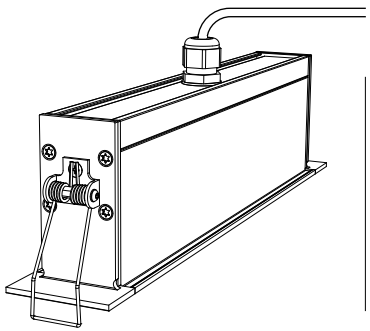
Mounting Options*



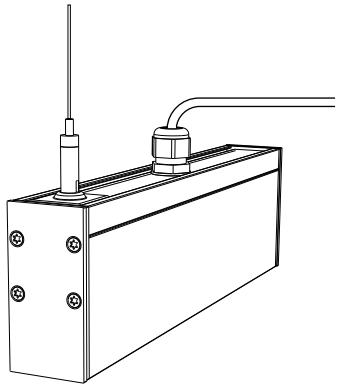
Surface mounting brackets



Flush mount brackets



Reccessed clips



Wire suspension

*Custom options are possible on application in project quantities

View OPTIK Downlights webpage

10 YEAR WARRANTY

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