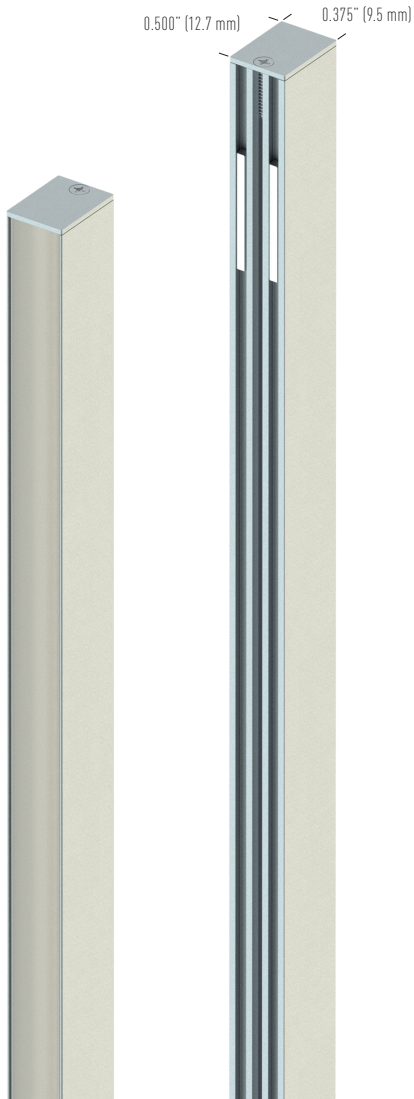


Type _____ Specifier _____ Project _____ Date _____

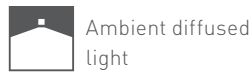


NIXE

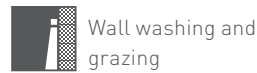
Create more vibrant environments with our five signature optics

No color-over-angle, no visible LED dots, just pure light where you want it

Refined minimalist optic-to-body edge design



Ambient diffused light



Wall washing and grazing



Asymmetric lighting

Light output

Standard light output

Reference configuration			
CCT	CRI	FINISH	OPTIC
3500K	80	ACL	20D

Luminous Flux Density			Efficacy
W/ft	Delivered Lumens		
4	360 lm/ft	(1180 lm/m)	92 lm/W
6	535 lm/ft	(1755 lm/m)	91 lm/W

Light source

870 lm/ft @ 6 W/ft, 3500K, 80 CRI

Total Light Loss Factor (TLLF) calculation

CCT/CRI table					
CCT	CRI	LLF	CCT	CRI	LLF
2200K	90	0.68	2400K	90	0.73
2700K	80	0.96	3000K	80	1.00
	90	0.79		90	0.86
3500K	80	1.00	4000K	80	1.03
	90	0.86		90	0.89

Finish table	
FINISH	LLF
ACL	1.00

Optics table	
OPTIC	LLF
20D	1.00
40D	0.96
70D	1.00
100D	0.85
A15D	1.00

CCT/CRI LLF × Finish LLF × Optics LLF = TLLF

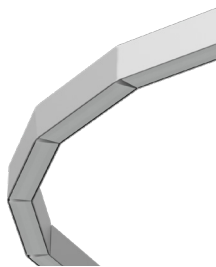
Actual light output

Example configuration			
CCT	CRI	FINISH	OPTIC
2700K	90	ACL	40D

Reference LFD		Actual LFD	
W/ft	Lum. Flux Density (LFD)	Lum. Flux Density (LFD)	
4	360 lm/ft (1180 lm/m)	274 lm/ft (897 lm/m)	
6	535 lm/ft (1755 lm/m)	407 lm/ft (1334 lm/m)	

0.79 × 1.00 × 0.96 = TLLF 0.76

Flex option available

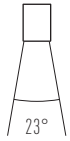


Optical distributions

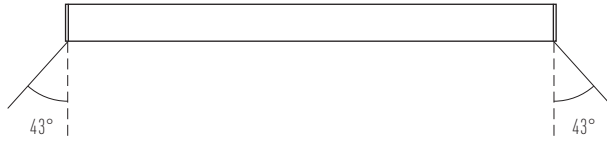
20° **20D**

LIGHT BEAM

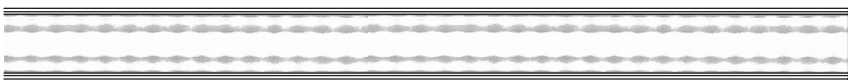
SIDE VIEW



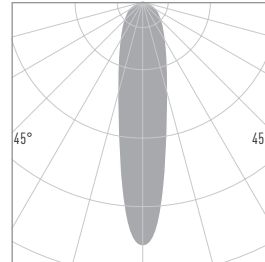
FRONT VIEW



PERCEPTION OF UNIFORMITY



LIGHT DISTRIBUTION



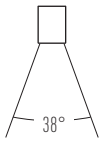
Beam angle 23°
Tilt angle 0°
Ext. spread 43°

537 Cd, 537 delivered lumens @12"

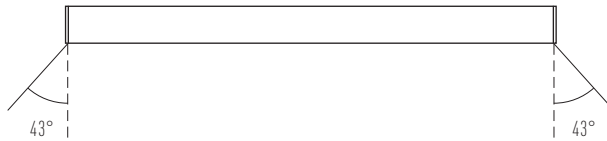
40° **40D**

LIGHT BEAM

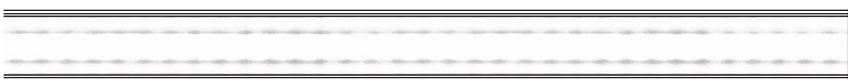
SIDE VIEW



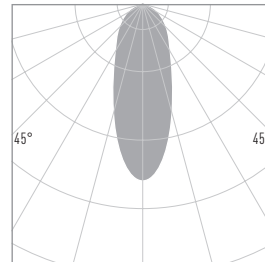
FRONT VIEW



PERCEPTION OF UNIFORMITY



LIGHT DISTRIBUTION



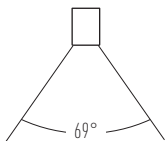
Beam angle 38°
Tilt angle 0°
Ext. spread 43°

377 Cd, 514 delivered lumens @12"

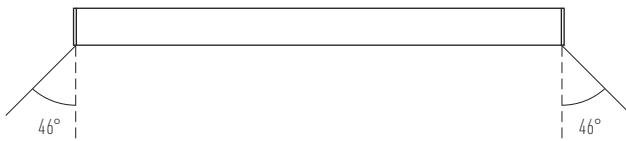
70° **70D**

LIGHT BEAM

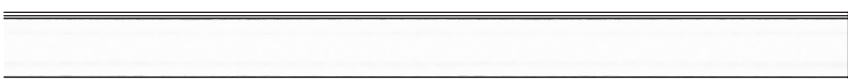
SIDE VIEW



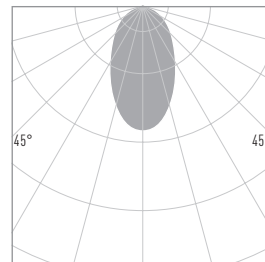
FRONT VIEW



PERCEPTION OF UNIFORMITY



LIGHT DISTRIBUTION



Beam angle 69°
Tilt angle 0°
Ext. spread 46°

290 Cd, 540 delivered lumens @12"

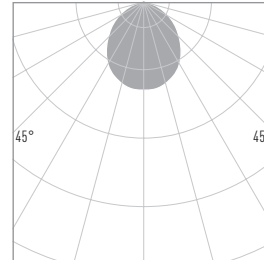
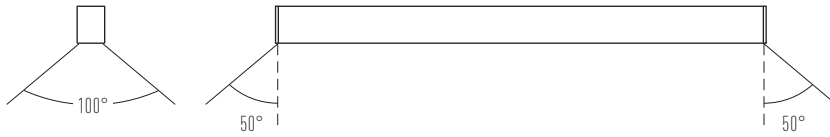
100° **100D**

LIGHT BEAM

LIGHT DISTRIBUTION

SIDE VIEW

FRONT VIEW



Beam angle 100°
Tilt angle 0°
Ext. spread 50°

PERCEPTION OF UNIFORMITY

180 Cd, 455 delivered lumens @12"

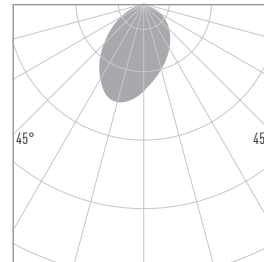
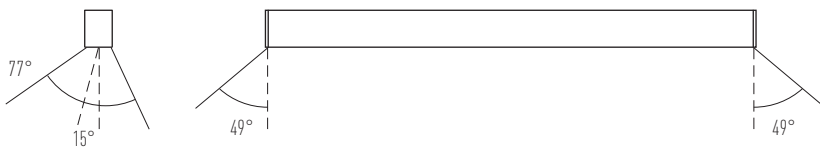
80° asymmetric (15° tilted) **A15D**

LIGHT BEAM

LIGHT DISTRIBUTION

SIDE VIEW

FRONT VIEW



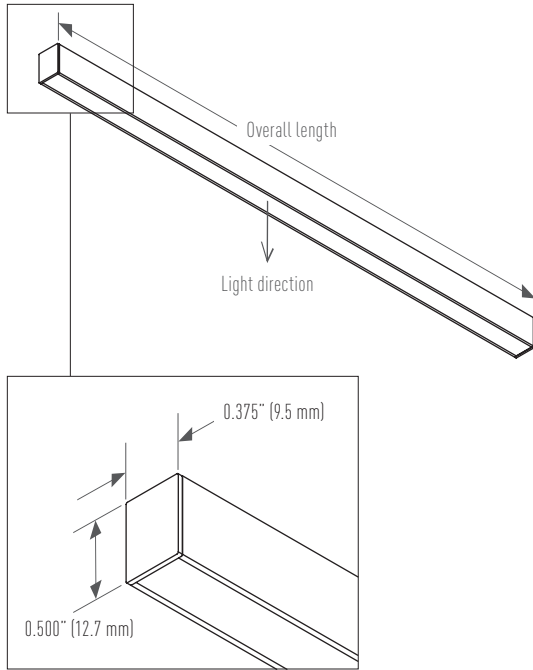
Beam angle 77°
Tilt angle 15°
Ext. spread 49°

PERCEPTION OF UNIFORMITY

255 Cd, 539 delivered lumens @12"

Physical

GENERAL DIMENSIONS



Construction

Aluminium body
PMMA optic

Finish

ACL Anodized clear



Weight

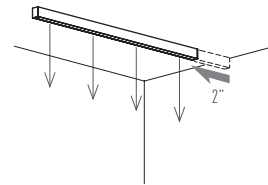
0.11 lbs/ft (161 g/m)

Length specifications

8.2" to 100.2" in increments of 1"
(see last page for metric equivalences)

Installation advice

For optimal light distribution on surfaces, suggest keeping a 2" (50mm) clearance from the side wall.



Ingress protection

IP40

Operating ambient temperature

0 °C to 40 °C

Storage temperature

0 °C to 40 °C at 50% humidity.

Electrical



This product is a **DC LED Lighting Module**. The following are required to operate as a complete system – to order separately:

Power Supply

24 VDC | Constant Voltage | PWM (if dimmable) | Remote Installation

Recommended driver: Eclipse Light Manager LM-24V-100W-[...]
[1% dim in 0-10V / DALI / Ecosystem]

MODULE CURRENT REGULATION

PASSIVE

DRIVER COMPATIBILITY

UNIVERSAL*

*following driver spec. req.,
works with all models

Input Voltage 24 VDC in Constant Voltage

Power Density 4 W/ft | 6 W/ft (13 W/m | 20 W/m)

Dimming Capable of operating down to 0.1%

(depends on driver performance/limitations)

Wiring UL listed, NEC art. 800 compliant CMG cable, 48"-long, 20 AWG, Red(+)/Black(-), polarized. Not approved for plenum/air handling spaces.

Safety Information cULus Listed, CE, SELV, Class 2, Dry location

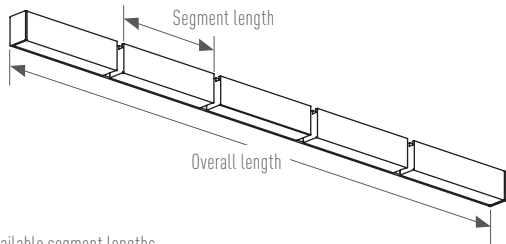
Installation Magnetically mounted (order carbon steel band accessory separately).

Cable limit Voltage loss tolerance due to remote driver cable course, up to -2.5 V. See **LIGHT MANAGER** spec for max. cable length table per AWG.

Applications Designed for general, whole room, surface lighting. Small yet powerful, five optics choices and ideal near-field distribution means you can customize light intensity/distribution to your exact needs resulting in on-target illuminance!

NIXE FLEX model

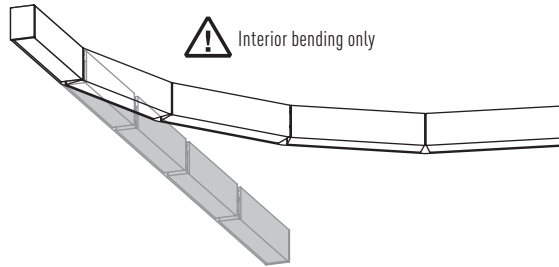
GENERAL DIMENSIONS



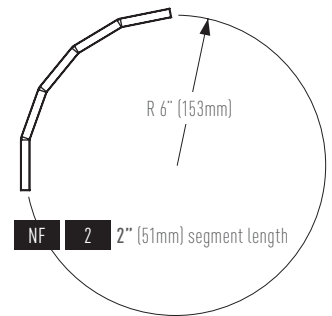
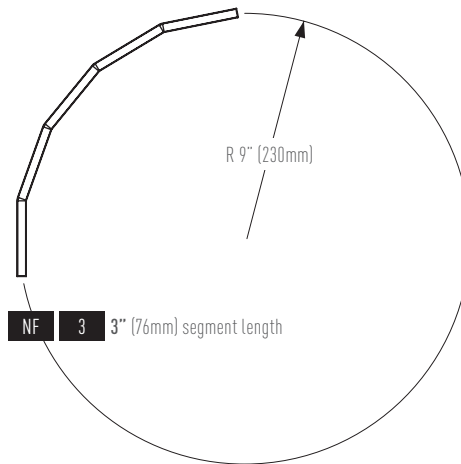
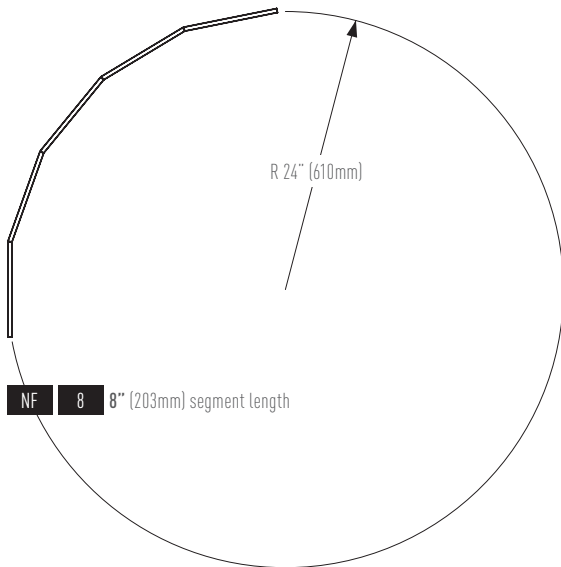
Available segment lengths

NF	2	2" (51mm)
NF	3	3" (76mm)
NF	8	8" (203mm)

BENDING



CURVE RADIUS

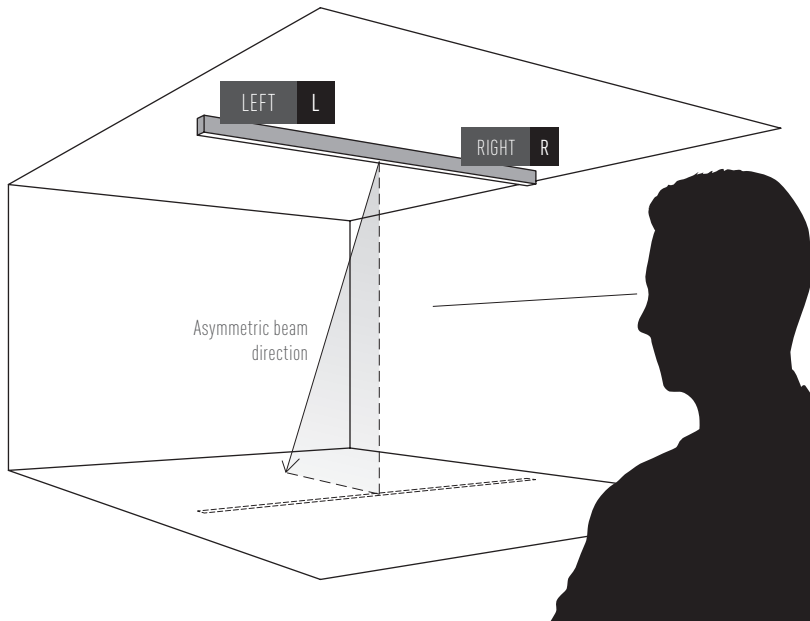


Wiring options

WIRE EXIT

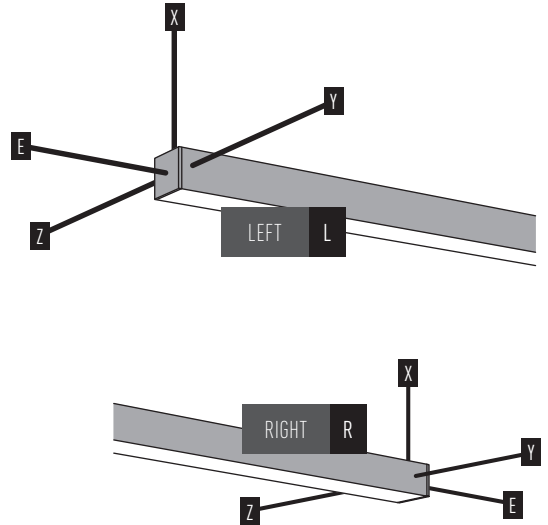
Single exit. Allows the possibility to choose left or right wire exit.

Double exit. Connection system allowing fixtures to be installed in a series left and right exit.

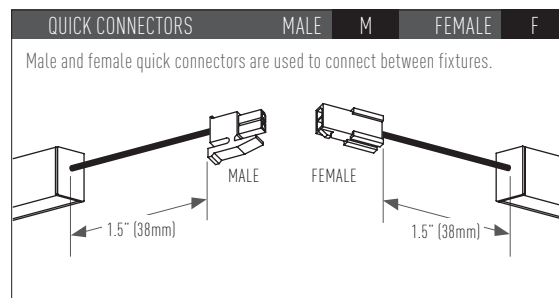
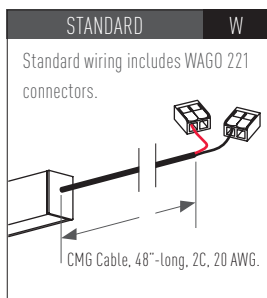


In asymmetric beams, left and right are set in relation to the light going away from your sight.

WIRE DIRECTION

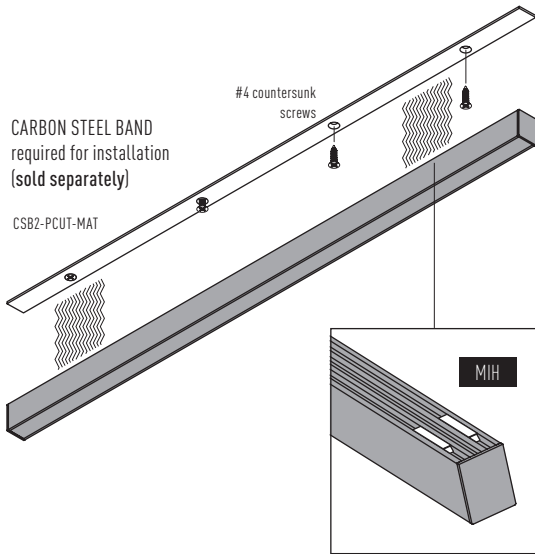


WIRE CONNECTOR

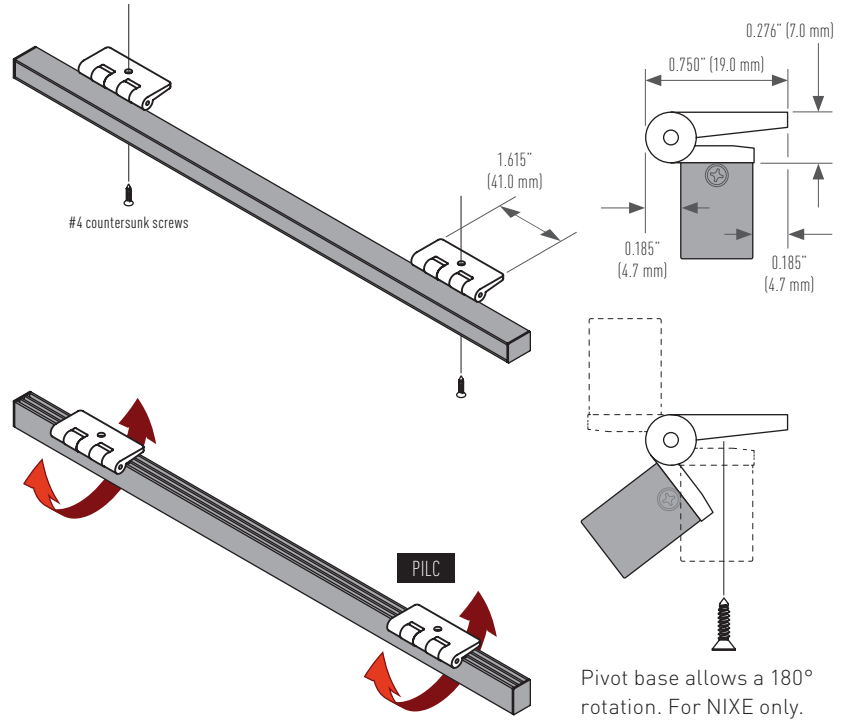


Integration overview

MAGNETIC INSTALLATION



PIVOT BASE

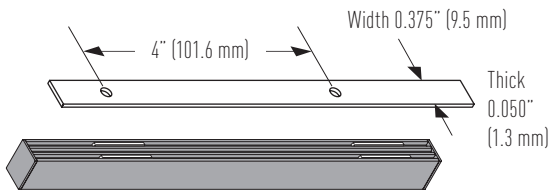


Essential accessories

Carbon steel band (type 2)

CSB2-PCUT-MAT

Required for magnetic installation. Pre-cut to match ordered lengths.



NIXE FLEX ordering code

PRODUCT			CORE OPTIONS						EXTENDED OPTIONS				
ID	SEGMENT LENGTH	MOUNTING OPTIONS	INPUT	OUTPUT	FINISH	CCT	CRI	OPTIC	LENGTH	WIRING OPTIONS			
NF	2	MIH	24V	4W	ACL	2200K	80	20D	For NF-2 4.4 to 78.7	EXIT DIRECT. CONN. LENGTH E W 48 M 1.5 F 1.5 CUSTOM X W 48 M 1.5 F 1.5 CUSTOM Y W 48 M 1.5 F 1.5 CUSTOM Z W 48 M 1.5 F 1.5 CUSTOM	EXIT DIRECT. CONN. LENGTH E W 48 M 1.5 F 1.5 CUSTOM X W 48 M 1.5 F 1.5 CUSTOM Y W 48 M 1.5 F 1.5 CUSTOM Z W 48 M 1.5 F 1.5 CUSTOM		
NF	3	MIH	6W	ACL	2400K	80	40D	For NF-3 6.4 to 76.5					
NIXE FLEX	8	Magnetic insert			Anodized clear	2700K	80	70D	For NF-8 16.4 to 73.7				
						2700K	90	A15D					
						3000K	80	100D					
						3000K	90						
						3500K	80	A15D					
						3500K	90	Asymmetric (80° x 15° tilt beam)	In inches				
						4000K	80		Refer to the table below to find the right overall length based on the corresponding segment length.				
						4000K	90		If double wire exit, add 0.2" to the overall length.				

Lengths are in inches
 W Standard connector - M Male quick connector - F Female quick connector
 For further details, refer to "Wiring option" section.

ORDERING CODE	EXAMPLE	NF	INCHES 8	MIH	24V	4W	ACL	4000K90	70D	INCHES 65.5	Single wire exit REW48	or	Double wire exit LEW48+REW48

