



by  Signify

Indoor

NatureConnect

NatureConnect  
mini island 4'x4'

# Lighting inspired by nature

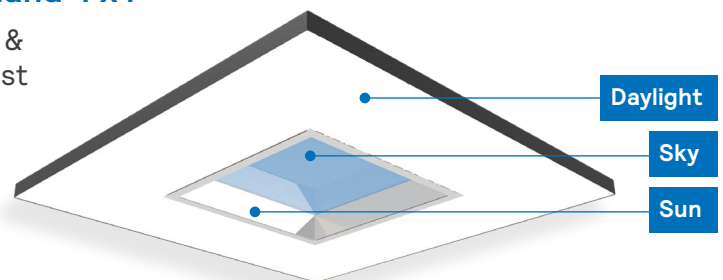
## NatureConnect brings the benefits of natural light indoors

The NatureConnect natural lighting system is built on proven Biophilic Design principles to reconnect us with the constant cycles and variations of nature for comfortable, engaging and attractive indoor environments.

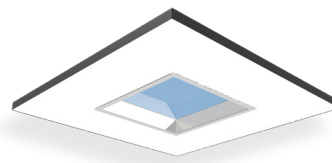
The **NatureConnect mini island 4'x4'** replicates a view of the sky. It consists of a "Sky & Sun" element that creates the decorative function of an artificial skylight and a "Daylight" section that creates the functional light. In combination with the NatureConnect link it mimics daylight by simulating the sun's daily patterns, using light recipes that boost energy levels and help indoor spaces feel in sync with nature.

### Benefits of Ledalite NatureConnect mini island 4'x4'

- Tunable white light supporting circadian rhythm & dynamic blue skylight providing a melanopic boost
- Supports scenes such as Day Rhythm, Energize, Relax & Present
- Comfortable, low glare  $\leq 19$
- Seamless integration into grid or open ceilings
- Easy to clean, IP44 from bottom, IP20 from top



# NatureConnect mini island 4'x4'



## Technical specifications

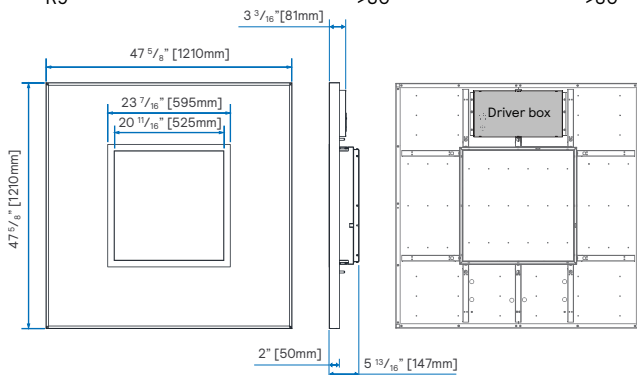
### General Information

Light source	LED modules
Integral drivers	Yes
Driver/power unit/transformer	PSD (Power supply unit with DALI interface)
Maximum electrical power	104W
Energy code rated power <sup>1</sup>	72W
Initial luminous flux	10,060lm
Efficacy	98 lm/W
Wiring	18/5 SVT power cord (Supplied in mount kit)
Luminaire beam angle	103°
Lumen maintenance	L <sub>80</sub> (12K) 70,000 hrs
Driver output classification	Class 2
Ambient temperature	32 to 77°F (0 to +2°C)
Performance ambient temp. Tq	77 °F (25 °C)
Storage temperature	-4 to 140°F (-20 to +60°C)
Ingress protection code	IP44 (bottom), IP20 (top)
Mech. impact protection code	IK02
Certification	cETLus, CCEA
Warranty period	5 years

### Sky & Sun

### Daylight

Light source color	Tunable white and blue	Tunable white
Light output	3,450lm	6,600lm (@4000K)
Efficacy	74lm/W	115lm/W
UGR	<19	16.1
CCT	2700K to Blue	2700K to 6500K
Color point SDCM	<3	<3
CRI	>90	>90
R9	>50	>80



1. Energy code rated power level and lumen output is provided when a mini island is connected to a NatureConnect link.
2. Integration with the NatureConnect link controls (sold separately) provides static and dynamic scene selection with full NatureConnect content including Day Rhythm.
3. Mini Island 4x4 A3 Suspended Mount 144" for suspended/surface or recessed TGrid mounting.
4. Mini Island 4x4 Drywall Mount Kit for recessed drywall mounting.

### Operating and Electrical

Input voltage	120-277V
Input frequency	50-60 Hz
Input current	0.7A
Inrush current	50A
Inrush time	330µs
Power factor (min. @120V)	0.9
THD	< 20%
Products per MCB (15A)	14 @120V, 30 @277V
Surge Protection	1 kV DM and 2 kV CM

### Controls and User Interface

Lighting control <sup>2</sup>	NatureConnect link (DALI DT6)*
Control interface	NatureConnect link Interact mobile app and wireless controls
Maximum number of fixtures per NatureConnect link output *	5

### Mechanical and Housing

Dimensions (LxWxH)	47 5/8" x 47 5/8" x 5 13/16" (1210 x 1210 x 147mm)
Housing material	Steel
Housing color	White RAL9003, Grey RAL7043, Antimicrobial White
Optical cover/lens type	Polystyrene and Polycarbonate
Optical cover/lens finish	Opal
Net weight product	74lbs (33.5kg)
Suspension accessories	Aircraft cable, 4pcs 12ft (3.7m)

### Product Data

Description (Standard)	Catalog Code	12NC
Mini island 4x4 White	NCFG140	912401184602
Mini island 4x4 Gray	NCFG150	912401184603
Mini island 4x4 Antimicrobial White	NCFG160	912401184604

Description (Chicago Plenum)	Catalog Code	12NC
Mini island 4x4 Chicago Plenum White	NCFG145	912401185919
Mini island 4x4 Chicago Plenum Gray	NCFG155	912401185920
Mini Island 4x4 Chicago Plenum Antimicrobial White	NCFG165	912401185921

Description (Mounting)	Catalog Code	12NC
Mini Island 4x4 A3 Suspended Mount 144" <sup>3</sup>	NCFG440	912401184605
Mini Island 4x4 Drywall Mount <sup>4</sup>	NCFG445	912401184606



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