



by  Signify

Indoor

NatureConnect

NatureConnect
skylight 2'x2'

Lighting inspired by nature

NatureConnect brings the benefits of natural light indoors

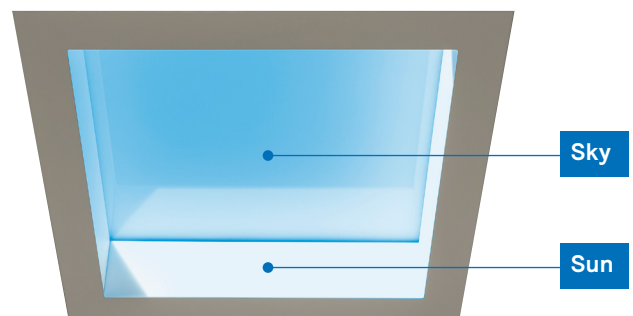
The NatureConnect natural lighting system is built on proven Biophilic Design principles to reconnect us with the constant cycles and variations of nature for comfortable, engaging and attractive indoor environments.

The **NatureConnect skylight** combines the feeling of infinity with a dynamic sky gradient and realistic sun shadows to provide a connection with the outside world.

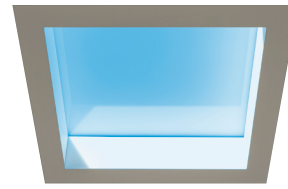
The standalone **Ledelite NatureConnect skylight** works in conjunction with 3rd party luminaires to provide natural ambient light for your space. Refer to application guides for appropriate levels of supplemental (tunable) white light from additional luminaires.

Benefits of Ledelite NatureConnect skylight

- Tunable white light supporting circadian rhythm & dynamic blue skylight providing a melanopic boost²
- Seamless integration into grid or drywall ceilings
- Shallow plenum depth
- Works with NatureConnect link or Interact wireless



NatureConnect skylight 2'x2'

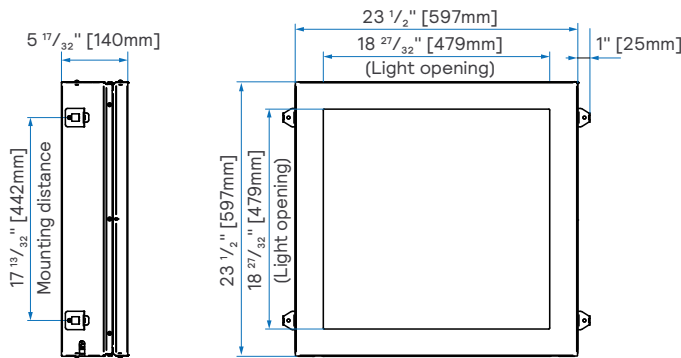


Technical specifications

General Information

Light source	Non-replaceable
Integral drivers	Yes
Driver/power unit/transformer	PSD (Power supply unit with DALI interface)
Maximum electrical power	48W
Energy Code rated power ¹	28W
Initial luminous flux	2,600lm
Wiring	6' Flex whip, 5 leads AWG 18 (black, white, green, purple, pink)
Luminaire beam angle	120°
Lumen maintenance	L ₈₀ 50,000 hrs
Driver output classification	Class 2
Ambient temperature	32 to 77°F (0 to +25°C)
Performance ambient temp. Tq	77°F (25°C)
Storage temperature	-4 to 140°F (-20 to +60°C)
Ingress protection code	IP20
Mech. impact protection code	IK02
Certification	cETLus, CCEA
Warranty period	5 years

	Sky	Sun
Light source color	Tunable white and blue	Tunable white
Light output ¹	1,600lm	1,000lm
CCT	6500K to Blue	2700K to 6500K
Color point SDCM	3	4
CRI	>80	>80



1. Energy code rated power level and lumen output is provided when a DALI version of the skylight is connected to a standard NatureConnect link.
2. DALI versions of the skylight enable integration with the NatureConnect link controls (sold separately) and provide static and dynamic scene selection with full NatureConnect content including Day Rhythm. Interact sensor (CS) and radio node (RA) versions of the skylight provide standalone control of dimming static scene selection only.

Operating and Electrical

Input voltage	120-277V
Input frequency	50-60Hz
Input current	0.375A @120V
Power factor (min. @120V)	0.9
THD	<20%
Products per MCB (15A)	34

Controls and User Interface

Lighting controls ²	NatureConnect link (DALI DT6)* Remote interact sensor (CS) Integral interact radio node (RA)
Control interfaces	NatureConnect link Interact mobile app and wireless controls
Number of DALI addresses*	4
Maximum number of fixtures per NC link output*	8

Mechanical and Housing

Dimensions (LxWxH)	23 1/2 x 23 1/2 x 5 17/32" (597 x 597 x 140mm)
Housing material	Steel
Housing color	Trim: White RAL 9003, Housing: Grey RAL 7043
Optical cover/lens type	Polycarbonate
Optical cover/lens finish	Opal
Net weight product	28lbs (13kg)

Product Data

Description (Large/Small Islands)	Catalog Code	12NC
Skylight 2'x2' Lg/Sm island (DALI)	NCFG200	912401564426

Description (Standalone Standard)	Catalog Code	12NC
Skylight 2'x2' TBar Radio (RA)	NCFG250	912401183753
Skylight 2'x2' Drywall Radio (RA)	NCFG251	912401183754
Skylight 2'x2' TBar Sensor (CS)	NCFG260	912401184820
Skylight 2'x2' Drywall (CS)	NCFG261	912401184821
Skylight 2'x2' TBar (DALI)	NCFG270	912401184824
Skylight 2'x2' Drywall (DALI)	NCFG271	912401184825

Description (Standalone Chicago Plenum)	Catalog Code	12NC
Skylight 2'x2' TBar CP (RA)	NCFG252	912401184818
Skylight 2'x2' Drywall CP (RA)	NCFG253	912401184819
Skylight 2'x2' TBar CP (CS)	NCFG262	912401184822
Skylight 2'x2' Drywall CP (CS)	NCFG263	912401184823
Skylight 2'x2' Drywall CP (DALI)	NCFG272	912401184826
Skylight 2'x2' Drywall CP (DALI)	NCFG273	912401184827



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