

NBT

TRANSITION® BACKLIT TROFFER

Always On.

At Current®, we're inspired by the people who design, craft, live, work & play in spaces. Our award-winning family of brands is dedicated to offering bold integrated solutions, while providing the essential tools for designing connected lighting environments, both indoors and out.

Only Current can provide reliable performance, responsive service, and the uncompromising quality you expect from an industry leader every time, always.

Our Vertical Markets



Commercial

Stores, Offices, Hotels, Supermarkets, Restaurants, Healthcare, Education



Industrial

Manufacturing Centers, Warehouses, Food Processing Plants



Municipal

Roadways, Residential Streets, Shared Spaces



Specialty

Signage, Transportation, Rail, Refrigerated Display Lighting

Our Solutions



LED Lighting

Optimize utilities to end excess energy spending, promote safety and improve aesthetics



Controls, Sensors & IoT Solutions

Improve space utilization and increase productivity, and find actionable insights with IoT



Energy Management Systems

Establish more sustainable energy practices across an enterprise

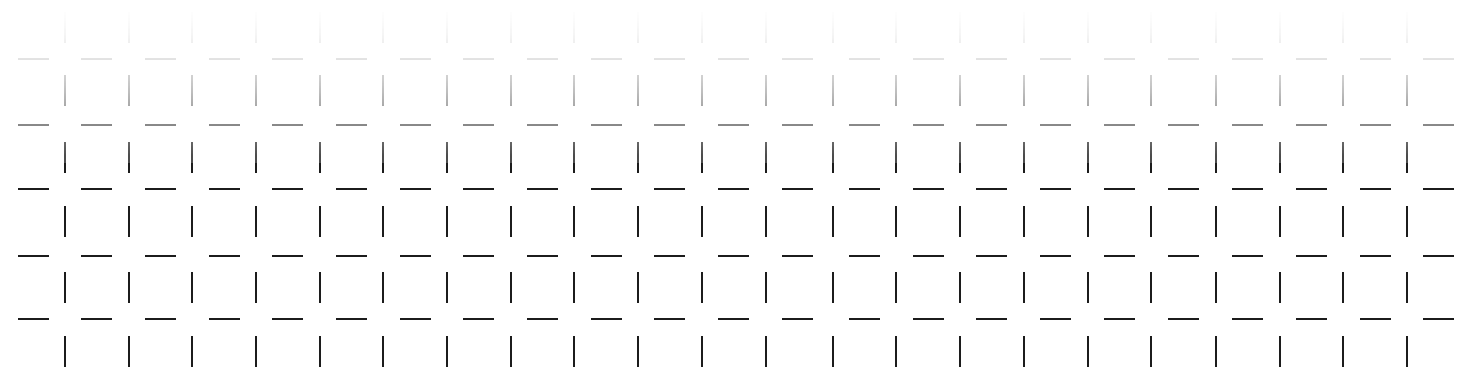
Current

Industry-leading portfolio of innovative product and tech brands.



Current's HLI Brands portfolio of products represents lighting and control's most respected brands, ranging from architectural to complex spaces, outdoor to indoor, life safety, and more.

The HLI Brands portfolio provides customers innovative products with and a proven record of quality and results - a complete package ready to fulfill the needs of any spec.



NBT

TRANSITION® BACKLIT TROFFER

Configurable. Flexible. Robust.

Make the transition to the NBT Series for tailored lighting solutions and ultimate project flexibility.

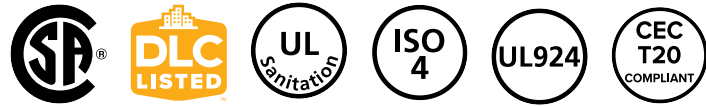
NBT is a full-distribution backlit troffer engineered for maximum configurability, choice, and control.

Available with a wide range of features and certification options, the NBT is the perfect fit for numerous applications from conventional to complex including classrooms, offices, retail, and healthcare environments.



Certifications/Listings

Standard



Optional



Controls Technology





Optics

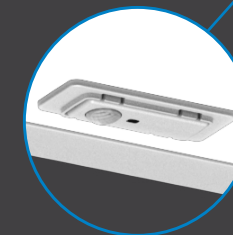
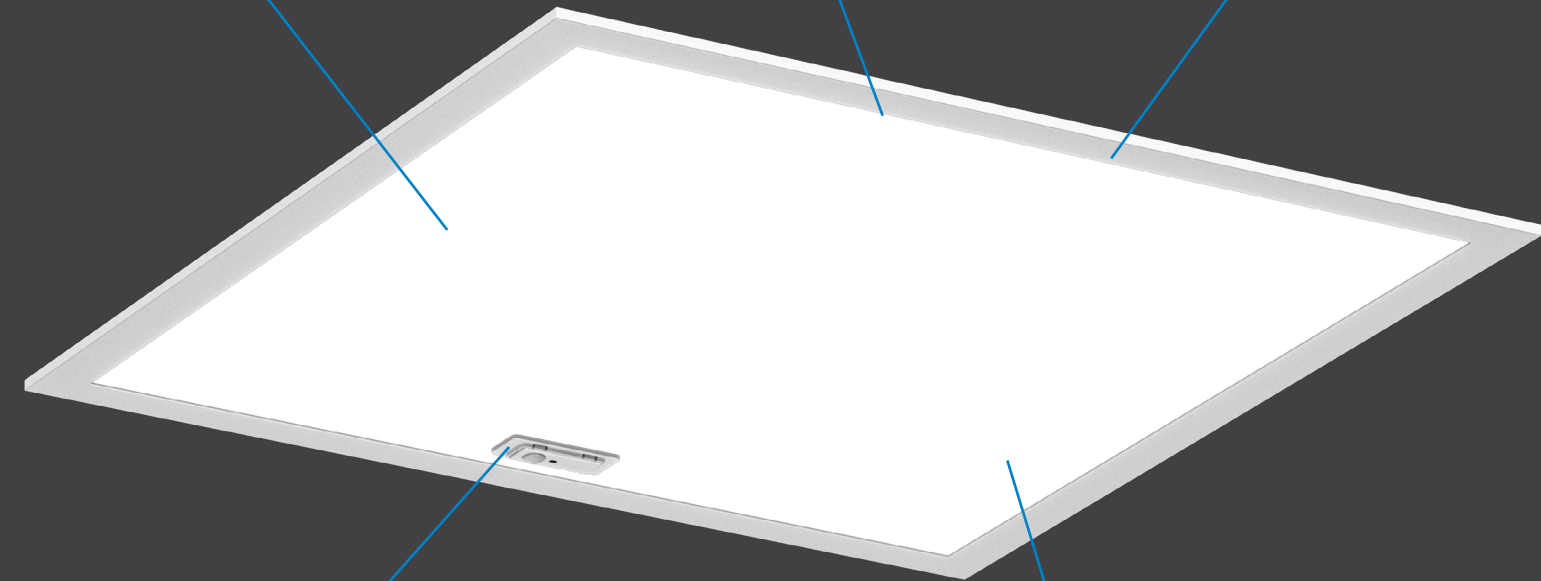
Acrylic micro-optics over each LED provides edge-to-edge illumination without pixilation or bright spots.

Housing

Low profile, die formed steel housing is ideal for use in shallow plenum applications.

Finishes

Choose from durable matte white (standard), matte black, antimicrobial white or silver finish options.



Controls Compatible

Optional factory installed occupancy and daylight sensors seamlessly integrate into the lens.

Emergency Solutions

Optional Life Safety solutions available to meet security and code compliance needs:

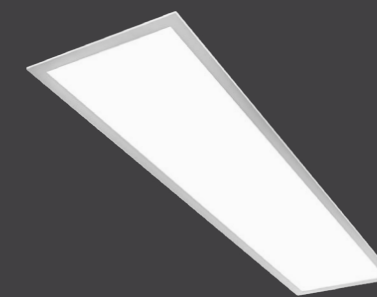
- Integral LED NiCAD battery
- Remote mounted Dual-Lite inverter systems
- Integral Dimming Bypass Module

CONFIGURABLE

SIZES, LUMEN PACKAGES, & OPTIONS

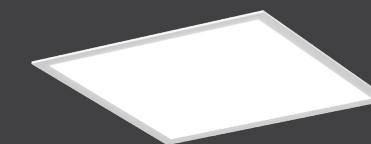
All NBT configurations have a low-profile design that can be used in crowded plenum spaces while still delivering uniform, backlit panel illumination from 2100 to 9700 nominal lumens.

Choose from a variety of energy-efficient performance and control options along with the right mounting options and accessories to satisfy your project requirements.



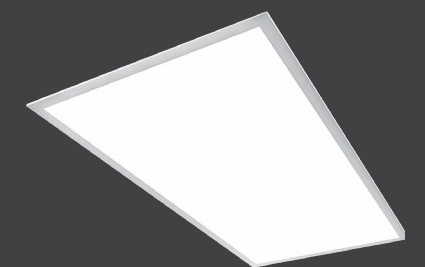
1'x4'

Nominal Lumens:
2500lm to 7000lm



2'x2'

Nominal Lumens:
2100lm to 6200lm



2'x4'

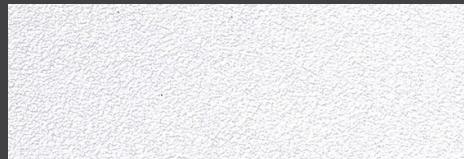
Nominal Lumens:
3200lm to 9700lm

LENS OPTIONS

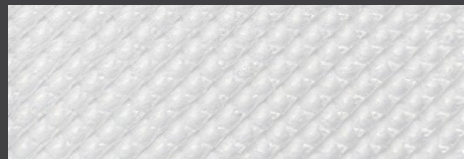
Choose from 5 lens options for smooth surface brightness and a uniform appearance.



Smooth Frosted (SF)
Diffuse acrylic lens with smooth surface.



Frosted Polycarbonate (FP)
Diffuse textured impact resistant polycarbonate.

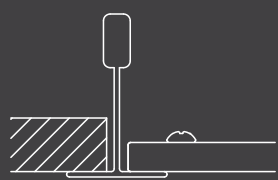


Frosted Acrylic Pattern 12 (A12F, A12125F)
Diffuse, female extruded roll-embossed prismatic pattern with square inverse conical apex designed to provide a clearly defined cutoff for superior light control. A12125F: Same as above except 0.125" Nominal Thickness.

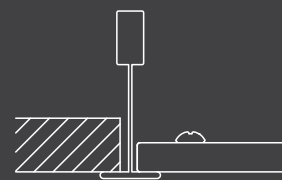


Frosted Acrylic Pattern 19 (A19F)
Diffuse extruded male conical lens combines superior brightness control with maximum economy. 0.156" Nominal Thickness.

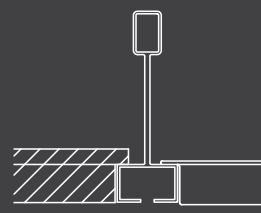
GRID OPTIONS



Standard Grid (15/16)

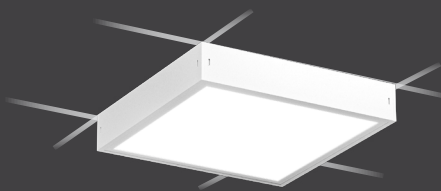


Silhouette Grid (9/16)



Slot Grid (9/16)

ACCESSORIES



Surface Mount (DSMK_)
NBT offers an optional surface mount for areas where a recessed ceiling is not available.

Flange Kit (FK_)
Recessed hard ceilings are simple and straightforward with the FK (flange kit) accessory available on all sizes.



NEED LIGHTS THAT TURN ON & OFF WHEN YOU WANT THEM TO? WE'VE GOT YOU COVERED.

Control Option Ordering Logic & Description		Control Option Functionality							
		Networkable	Standalone Grouping	Scheduling	Occupancy	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth® App Programming
NX Wireless	NXW	✓	✓	✓	-	-	✓	✓	✓
	NXWSM	✓	✓	✓	✓	✓	✓	✓	✓
NX Wired	NXE	✓	✓	✓	-	-	✓	✓	✓*
	NXESM	✓	✓	✓	✓	✓	✓	✓	✓
NX Connect	NXCS	-	✓	-	✓	✓	✓	✓	✓

*Requires NXBTC

ORDERING

NBT											
Model	Size	CRI	Color Temp	Lumen Output	Ceiling	Shielding	Driver	Voltage			
NBT	14 1x4	Blank >80	30 3000 K	<u>1x4</u>	G Standard or Silhouette Grid	SF Smooth Frosted Lens	ED1 0-10V 1% Dimming	U	120V-277V		
Backlit Troffer	22 2x2	9 >90	35 3500 K	L025 2500 Lumens	SG Slot Grid	A12F Pattern 12 Acrylic Lens	EDD 0-10V Dim-to-Dark	347	347V		
	24 2x4		40 4000 K	L032 3200 Lumens		A12125F Pattern 12 Acrylic Lens, 0.125" Nominal	ESD Step Dimming				
			50 5000 K	L036 3600 Lumens		A19F Pattern 19 Frosted Acrylic Lens, 0.156" Nominal	LUTH Hi-Lume 1% EcoSystem LED driver				
				L042 4200 Lumens		FP Frosted Polycarbonate Lens	DALIP Powered by DALI				
				L048 4800 Lumens							
				L058 5800 Lumens							
				L070 7000 Lumens							
				<u>2x2</u>							
				L021 2100 Lumens							
				L026 2600 Lumens							
				L031 3100 Lumens							
				L036 3600 Lumens							
				L044 4400 Lumens							
				L054 5400 Lumens							
				L062 6200 Lumens							
				<u>2x4</u>							
				L032 3200 Lumens							
				L036 3600 Lumens							
				L042 4200 Lumens							
				L048 4800 Lumens							
				L058 5800 Lumens							
				L070 7000 Lumens							
				L085 8500 Lumens							
				L097 9700 Lumens							

Options

ELL14	Emergency Battery Pack Installed, 1400 Lumens
ELL14H2	1400 Lumen Emer Pack, 2 Hour Run Time
ELL14ST	Emergency Battery Back, 1400 Lumens, Self Test
DTS	Dimming Bypass Module
CP	Chicago Plenum
C388	3-wire flex
C488	4-wire flex
C588	5-wire flex
GLR	Fast Blow Fuse
BAA	Buy American Act (FAR 52.225-9) Compliant
IK10	IK10 rated
IP65	IP65 Certified
Color Options (standard white w/ no selection)	
AM	White Antimicrobial
MB	Black
SLV	Silver

Controls Options

NX Lighting Controls	
<u>NX Wired</u>	
NXE	NX Wired Dual RJ45 SmartPORTS, without Sensor
NXESM	NX Wired Dual RJ45 SmartPORTS and Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming
<u>NX Wireless</u>	
NXWSM	NX Networked Wireless Enabled Integral NXSMP2-SMI/ LMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
<u>NX Connect</u>	
NXCS	NX Connect NXC-WIZ20 Wireless Indoor Occupancy and Photocell Sensor
Other Lighting Controls	
<u>Networked Wireless</u>	
LVR	Lutron Vive Integrated Fixture Control DFCSJ-OEM-RF
LVS	Lutron Vive Integrated Fixture Control DFCSJ-OEM-OCC
AWNS	Lutron Athena Sensor
ANWR	Lutron Athena Radio

Accessories

- FK__ Flange Kit
- DSMK__ Surface Mount Kit

Notes:

Limitations may apply when combining specialty drivers, emergency battery packs and controls. Please refer to specification sheets or reach out to your Columbia Lighting representative for confirmation.





Current - HLI Brands

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currentlighting.com/columbialighting

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All values are design or typical values when measured under laboratory conditions.

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