

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Available in 1X4, 2X2, and 2X4 configuration, STACK Prime provides functionality, performance, and good looks. STACK Prime is the ideal choice for many high-end commercial applications with the most stringent requirements and the need for the highest performance. The wide center basked and curved matte reflector allow STACK Prime to deliver a high quality of light while maintaining optimal performance.

- A high level of configurability allows you to choose the perfect solution for your space.
- Multiple rows of LED's for fully luminous appearance.
- Less than 2" in depth making it easy to fit in restrictive plenum spaces.

The STACK Prime lay-in delivers low glare, ambient lighting in a popular center-basket design. A typically configured STAKP features a **Unified Glare Rating (UGR)** starting at 17, UGR data available on [page 6](#). The slim profile of the luminaire, coupled with energy-saving LED technology make STACK Prime an ideal choice for renovation or new construction. The STACK Prime lay-in offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

**CONSTRUCTION** — The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side, and drivers are accessible from the plenum.

**Integrated Sensor (nLight® Wired Networking):** This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software.

**Integrated Smart Sensor (nLight Air Wireless Platform):** The RES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or a microphonics (PDT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CLAIRITY+, which allows for simple sensor adjustment

**Integrated Wireless Sensor (single room control):** Sensor Switch™ VERTEX JOT or JOTVTX15 luminaire-embedded occupancy and ambient light sensor allows the luminaire to power off when the space is unoccupied or when enough ambient light is entering the space. See page 7 for more details on the integrated wireless sensor.

**INSTALLATION** — With a depth of only 1.9", STACK Prime makes for an easy installation, especially in restrictive plenum applications. STACK Prime fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

**ELECTRICAL** — Long-life LED's, coupled with high-efficiency drivers provide superior quality of light and an extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver, dims to 1%.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces – rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. A high performance acrylic diffuser conceals LED's and efficiently delivers light in a volumetric distribution. A specially design low UGR is available for applications requiring a non volumetric distribution, or requirements for DLC premium 5.1.

**LISTINGS** — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice

STACK Prime Cut



- Integrated trim rings for high-end aesthetic.
- Multiple rows of LED's to reduce shadowing.
- Fully illuminated lens with zero bright spots.

Catalog Number
Notes
Type

### LED Center Element Lay-In

# STACK Prime



#### Specifications

Length 1X4, 2X4: 47 3/4" (121.2)

Length 2X2: 23-3/4" (60.3)

Width 2X2, 2X4: 23-3/4" (60.3)

Width 1X4: 11-3/4" (29.8)

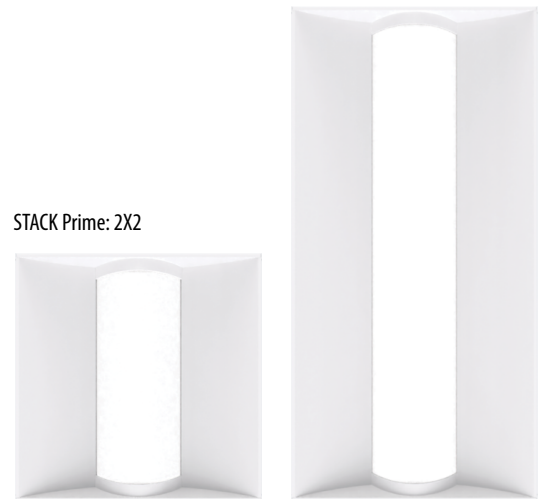
Depth: 1.9" (4.8)

All dimensions are inches (centimeters) unless otherwise specified.




STACK Prime: 2X4

STACK Prime: 2X2



# STACK Prime LED Center Element Troffer

 A+ Capable options indicated by this color background.

## ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** STAKP 2X4 4000LM 80CRI 40K COLT MIN10 ZT MVOLT

Series	Size	Lumens	CRI	Color Temperature	Lens	Minimum Dimming Level	Dimming ‡	Voltage
STAKP	1X4 1'x4'	3000LM	80CRI 80 CRI	30K 3000K	COLT Curved Opal Lens with Trim	MIN1 Dims to 1% ‡	(blank) none	MVOLT 120-277V
		4000LM	90CRI 90 CRI	35K 3500K	COL Curved Opal Lens without trim	MIN10 Dims to 10%	EZT eldoLED 0-10V Dimming ‡	120 120V
		5000LM		40K 4000K		ZT Generic 0-10V Dimming	277 277V	
	6000LM		50K 5000K			347 347V ‡		
		2X2 2'x2'	2000LM					
			3000LM					
			4000LM					
		2X4 2'x4'	3000LM					
			4000LM					
	5000LM							

Step Level Dimming Option	Emergency Options	Controls Input	Sensor
SLD Step-level dimming ‡	E7W 7W Emergency battery pack, constant power, Certified in CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch (LINK) ‡	(blank) No Control Input	(blank) No Sensor or Control Input function only, if selected.
		SSE Sensor Switch Embedded	APIR Occ sensing with passive infrared - on/off functionality and auto dimming photocell
	E10W 10W Emergency battery pack, constant power, Certified in CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch (LINK) ‡	VPIR8 Vertex low-profile on/off occupancy PIR occupancy sensor with VLP programming at 8ft mounting height	VAPIR8 Vertex low-profile on/off occupancy sensor with auto dimming photocell with VLP programming at 8ft mounting height
		VPIR15 Vertex low-profile on/off occupancy PIR occupancy sensor with VLP programming at 15ft mounting height	VAPIR15 Vertex low-profile on/off occupancy sensor with auto dimming photocell with VLP programming at 15ft mounting height
GTD Generator Transfer Device ‡	E15WLCP EM Self-Diagnostic battery pack, 15W Constant Power, Certified in CA Title 20 MAEDBS ‡	NLIGHT nLight enabled	(blank) No sensor, Control Input function only
		NLIGHTER nLight enabled, for use with generator supply EM power	PIR Occ sensing with passive infrared - on/off functionality
		NLIGHTLM nLight enabled with lumen management	PDT Occ sensor dual tech (passive infrared & microphonics)
		NLIGHTERLM nLight enabled with lumen management, for use with generator supply EM power	APIR Occ sensing with passive infrared - on/off functionality and auto dimming photocell
		NLTAIR2 nLight AIR Generation 2 (wireless) enabled ‡	APDT Occ sensor dual tech (passive infrared & microphonics) and auto dimming photocell
		NLTAIREM2 nLight AIR Generation 2 (wireless) enabled and UL924 Emergency Operation, via power interrupt detection ‡	APIREM Occ sensing with passive infrared - on/off functionality and auto dimming photocell and UL924 Emergency Operation, via power interrupt detection
			APDTEM Occ sensor dual tech (passive infrared & microphonics) and auto dimming photocell and UL924 Emergency Operation, via power interrupt detection.
			VPIR8 Vertex low-profile on/off occupancy PIR occupancy sensor at 8ft mounting height
		JOT JOT, "Just One Touch" (wireless) enabled	(blank) No sensor, Control Input function only
			VAPIR15 Vertex low-profile on/off occupancy sensor with auto dimming photocell at 15ft mounting height

# STACK Prime LED Center Element Troffer

Standby Mode	Options																
NOC Occupancy Sensor Disabled ‡	<table border="0"> <tr> <td>PWS1836</td> <td>6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit</td> <td>CP</td> <td>Chicago Plenum ‡</td> </tr> <tr> <td>PWS1846</td> <td>6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit</td> <td>LATC</td> <td>T-bar clips</td> </tr> <tr> <td>PWS1846 PWSLV</td> <td>Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge ‡</td> <td>DWAM</td> <td>Anti-microbial paint</td> </tr> <tr> <td>PWS1856LV</td> <td>6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage wires ‡</td> <td></td> <td></td> </tr> </table>	PWS1836	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit	CP	Chicago Plenum ‡	PWS1846	6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit	LATC	T-bar clips	PWS1846 PWSLV	Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge ‡	DWAM	Anti-microbial paint	PWS1856LV	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage wires ‡		
PWS1836	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit	CP	Chicago Plenum ‡														
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PWS1856LV	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage wires ‡																

‡ Option Value Ordering Restrictions	
Option Value	Restriction
MIN1	Required for all Control Input options, excluding JOT. Not available with SLD.
Dimming	This section is left blank only when a Control Input option or Step Level Dimming option is selected
EZT	Not available with MIN10
347	Not available with: E7W, E10W, E15WLC, SLD, GTD
SLD	Not available with controls. Must select MIN10. Leave Dimming section blank
E7W, E10W	Not available with 347V
E15WLC	Not available with: 2X2 or 347V
GTD	Must select 120 OR 277, Not available with 347V or MVOLT. Requires BSE labeling (see BSE Options chart below). When using a pre-wire option, use PWS1846 or PWS1846 PWSLV.
NLTAIR2	See UL924 Sequence of Operation chart on page 3. Can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options.
NLTAIREM2	See UL924 Sequence of Operation Chart on page 3. Leave sensor option blank, not available with APIR, APDT, APIREM, APDTEM or VPIR8.
JOT	Not available SLD, nLight, NLTAIR2, NOC, or GTD options. Must be ordered with COLT, not available with COL.
NOC	Must select a Wireless Network Control
PWS1846 PWSLV, PWS1856LV	Not available with nLight wired network or individual controls
CP	Not available with Wired Network Controls, PWS1836, PWS1846, PWS1846 PWSLV or PWS1856LV.

## ACCESSORIES

Accessories: Order as separate catalog number.	
DGA14	Drywall grid adapter for 1X4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture
DGA24	Drywall grid adapter for 2x4 recessed fixture
1X4SMKSH PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSH PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSH PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint
LATC 10SETSO4 J40	10 Sets of 4 LATC Earthquake Clips
LATC 20SETSO4 J80	20 Sets of 4 LATC Earthquake Clip
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDBS
ELA PSRME IC	Remote enclosure for battery for insulated ceiling
RK8BDP 2P U	Disconnect Plug (BDP), 2 Pole, Package of 1
RK8BDP 3P U	Disconnect Plug (BDP), 3 Pole, Package of 1
RK8BDP 2P J10	Disconnect Plug (BDP), 2 Pole, Package of 10
RK8BDP 2P J40	Disconnect Plug (BDP), 2 Pole, Package of 40

UL924 Sequence of Operation
The below information applies to all nLight AIR devices with an EM option.
<ul style="list-style-type: none"> <li>EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.</li> <li>Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.</li> <li>Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.</li> </ul>

BSE Labeling Options
BSE10 Drivers load transfer relay installed per manufacturer's instructions. Voltage, BGTD and BSE10 called out.
BSE14 One voltage fixture with driver load control relay supplied with one prewire (PWS option). Prewire wired for normal circuit, the control relay for emergency circuit left unconnected. Voltage, BGTD, BSE14 and prewire called out, in the description.

\*For configurations with Reloc or two voltages an RFA modification is required.

STACK Prime is compatible with Sensor Switch™ [WSXA D](#) and [SPODMA D](#) wall switches.



WSXA D



SPODMA D



nLight WIRED  
nPODMA DX



nLight AIR  
rPODBA

Intelligent Luminaire Technology Guide

Choose nomenclature from these columns

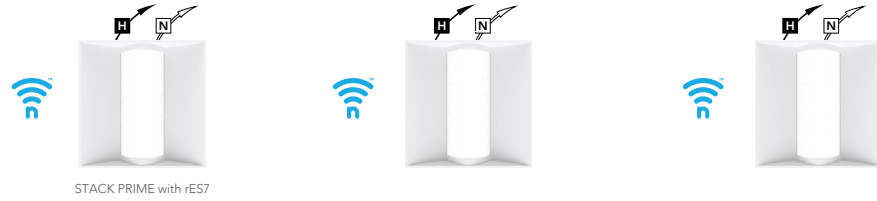
Control Input	Sensor	Sensor	Notes	Previous Nomenclature		
SSE	+	APIR	=	MSD 7 ADCX	Individual fixture control only. PIR integral occupancy sensor with automatic dimming control photocell.	MSD7ADCX
SSE	+	APDT	=	MSD PDT 7 ADCX	Individual fixture control only. PDT integral occupancy sensor with automatic dimming control photocell.	MSDPDT7ADCX
SSE	+	VPIR8	=	VERTEX 8F EZ OCC VLP	Vertex low-profile on/off occupancy PIR occupancy sensor with VLP programming at 8ft mounting height.	VTX8FOCC
SSE	+	VAPIR8	=	VERTEX 8F EZ ADC VLP	Vertex low-profile on/off occupancy sensor with auto dimming photocell with VLP programming at 8ft mounting height.	VTX8FADC
SSE	+	VPIR15	=	VERTEX 15F EZ OCC VLP	Vertex low-profile on/off occupancy PIR occupancy sensor with VLP programming at 15ft mounting height.	VTX15FOCC
SSE	+	VAPIR15	=	VERTEX 15F EZ ADC VLP	Vertex low-profile on/off occupancy sensor with auto dimming photocell with VLP programming at 15ft mounting height.	VTX15FADC
JOT	+	(blank)	=	BTRM JOT BTA	Wireless room control with "Just One Touch" pairing.	JOT
JOT	+	VAPIR15	=	BTRM JOT BTA + VERTEX 15F EZ ADC VLP GSKT	Wireless room control with "Just One Touch" pairing.	JOTVTX15
NLIGHT	+	(blank)	=	nIO EZDXA	nLight enabled only. No onboard sensor.	NLIGHT
NLIGHT	+	PIR	=	nIO EZDXA + nES 7	nLight enabled with PIR integral occupancy sensor.	NLIGHT NES7
NLIGHT	+	PDT	=	nIO EZDXA + nES PDT 7	nLight enabled with dual technology occupancy control sensor.	NLIGHT NESPDT7
NLIGHT	+	APIR	=	nIO EZDXA + nES 7 ADCX	nLight enabled with PIR integral occupancy sensor with automatic dimming photocell.	NLIGHT NES7ADCX
NLIGHT	+	APDT	=	nIO EZDXA + nES PDT 7 ADCX	nLight enabled with dual technology occupancy controls sensor with automatic dimming photocell.	NLIGHT NESPDT7ADCX
NLIGHT	+	VPIR8	=	NIO EZDXA + VERTEX 8F EZ OCC VLP	nLight enabled with Vertex low-profile on/off occupancy PIR occupancy sensor at 8ft mounting height.	NLIGHT NVTX8FOCC
NLIGHTER	+	(blank)	=	nIO EZDCL ER	Emergency nLight enabled only. No onboard sensor. BUS Power required.	NLIGHT EMG
NLIGHTER	+	PIR	=	nIO EZDCL ER PH + nES 7	Emergency nLight enabled with PIR integral occupancy sensor. BUS Power required.	NLIGHT EMG NESPDT7
NLIGHTER	+	PDT	=	nIO EZDCL ER PH + nES PDT 7	Emergency nLight enabled with dual technology occupancy control sensor. BUS Power required.	NLIGHT EMG NES7ADC
NLIGHTER	+	APIR	=	nIO EZDCL ER + nES 7 ADCX	Emergency nLight enabled with PIR integral occupancy sensor with automatic dimming photocell. BUS Power required.	NLIGHT EMG NES7ADCX
NLIGHTER	+	APDT	=	nIO EZDCL ER + nES PDT 7 ADCX	Emergency nLight enabled with dual technology occupancy controls sensor with automatic dimming photocell. BUS Power required.	NLIGHT EMG NESPDT7ADCX
NLIGHTLM	+	(blank)	=	nIO EZDXA N80	nLight enabled only with 80% constant lumen management. No onboard sensor.	NLIGHT CL80
NLIGHTLM	+	PIR	=	nIO EZDXA N80 + nES 7	nLight enabled with 80% constant lumen management with PIR integral occupancy sensor.	NLIGHT CL80 NES7
NLIGHTLM	+	PDT	=	nIO EZDXA N80 + nES PDT 7	nLight enabled with 80% constant lumen management with dual technology occupancy control sensor.	NLIGHT CL80 NESPDT7
NLIGHTLM	+	APIR	=	nIO EZDXA N80 + nES 7 ADCX	nLight enabled with 80% constant lumen management with PIR integral occupancy sensor with automatic dimming photocell.	NLIGHT CL80 NES7ADCX
NLIGHTLM	+	APDT	=	nIO EZDXA N80 + nES PDT 7 ADCX	nLight enabled with 80% constant lumen management with dual technology occupancy controls sensor with automatic dimming photocell.	NLIGHT CL80 NESPDT7ADCX
NLIGHTLMER	+	(blank)	=	nIO EZDCL ER N80	Emergency nLight enabled only with 80% constant lumen management. No onboard sensor. BUS Power required.	NLIGHT EMG CL80
NLIGHTLMER	+	PIR	=	nIO EZDCL ER N80 + nES 7	Emergency nLight enabled with 80% constant lumen management with PIR integral occupancy sensor. BUS Power required.	NLIGHT EMG CL80 NES7
NLIGHTLMER	+	PDT	=	nIO EZDCL ER N80 + nES PDT 7	Emergency nLight enabled with 80% constant lumen management with dual technology occupancy control sensor. BUS Power required.	NLIGHT EMG CL80 NESPDT7
NLIGHTLMER	+	APIR	=	nIO EZDCL ER N80 + nES 7 ADCX	Emergency nLight enabled with 80% constant lumen management with PIR integral occupancy sensor with automatic dimming photocell. BUS Power required.	NLIGHT EMG CL80 NES7ADCX
NLIGHTLMER	+	APDT	=	nIO EZDCL ER N80 + nES PDT 7 ADCX	Emergency nLight enabled with 80% constant lumen management with dual technology occupancy controls sensor with automatic dimming photocell. BUS Power required.	NLIGHT EMG CL80 NESPDT7ADCX
NLTAIR2	+	(blank)	=	RIO EZDL 180D G2	nLight AIR Generation 2 enabled.	NLTAIR2 RIO
NLTAIREM2	+	(blank)	=	RIO EZDL EM 180D G2	nLight AIR Generation 2 enabled.	NLTAIR2 RIOEM
NLTAIR2	+	APIR	=	RES7 G2	nLight AIR Generation 2 enabled.	NLTAIR2 RES7
NLTAIR2	+	APDT	=	RES7 PDT 90D G2	nLight AIR Generation 2 enabled.	NLTAIR2 RES7PDT
NLTAIR2	+	APIREM	=	RES7 EM 90D G2	nLight AIR Generation 2 enabled.	NLTAIR2 RES7EM
NLTAIR2	+	APDTEM	=	RES7 PDT EM 90D G2	nLight AIR Generation 2 enabled.	NLTAIR2 RES7PDTEM
NLTAIR2	+	VPIR8	=	RIO EZDL EXTDB ACWH 90D G2 + VERTEX 8F EZ OCC VLP	nLight AIR Generation 2 enabled. Vertex low-profile on/off occupancy PIR occupancy sensor at 8ft mounting height.	NLTAIR2 RVT8FOCC

Control/Sensor Configurations

# STACK Prime LED Center Element Troffer

## nLight Platform

### nLight AIR Wireless

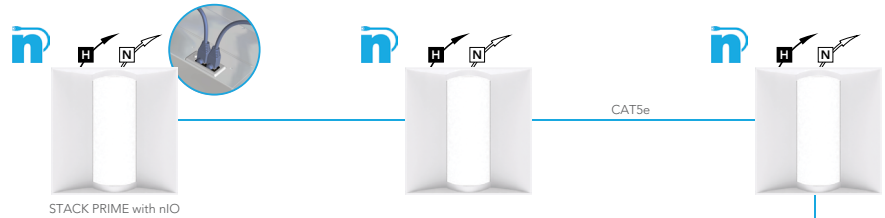


#### Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With the CLAIRITY+ Pro app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome



### nLight Wired Networking



#### Simple as 1,2,3

1. Install the nLight® Wired fixtures with embedded control
2. Install the nLight Wired wall switch
3. Connect the fixtures using standard CAT5e cables and the devices will automatically discover each other and work (plug and play)



nLight embedded fixtures offer:	Customers get:
Manual Dimming	Convenience and visual comfort for occupants
Motion Sensing and/or Daylight Harvesting	Energy savings and code compliance
Fixture or Group Level Control	Ability to configure lighting to the space requirements
Flexibility	Ease of fixture moves, adds and changes
Wireless Wall Switch (nLight AIR Only)	Ease and flexibility of placement
Astronomical and Time of Day Scheduling	Energy savings and building security
Scalable Solution	nLight controls to grow with your business
Future-Ready	nLight platform to set foundation for future upgrades and capabilities

# STACK Prime LED Center Element Troffer

## Controls Accessories

**nLight® Wired Control Accessories:**  
Order as separate catalog number. Visit [www.acuitybrands.com/products/controls/nlight](http://www.acuitybrands.com/products/controls/nlight).

WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODMA [Color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODMA DX [Color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD TOUCH [Color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	Model number	Cat-5 cable (plenum rated)	Model number
Full range dimming	nCM ADCX RJB	10' cable	CAT5 10FT J1
		30' cable	CAT5 30FT J1

**nLight® AIR Control Accessories:**  
Order as separate catalog number. Visit [www.acuitybrands.com/products/controls/nlightair](http://www.acuitybrands.com/products/controls/nlightair).

Wall switches	Model number
On/Off single pole	rPODBA [color] G2
On/Off two pole	rPODB A2P [color] G2
On/Off & raise/lower single pole	rPODBA DX [color] G2
On/Off & raise/lower two pole	rPODBA 2P DX [color] G2



## PHOTOMETRICS

See STACK Prime - Low-Profile Recessed LED Luminaire ([acuitybrands.com](http://acuitybrands.com)) for photometry reports.

### UGR Chart

UGR Values of STAKP 1x4 @ **80CRI** and 3500K  
(70% 50% 20% reflectance using a 4H x 8H room size)

Lumen Package	COL		COLT	
	Crosswise	Endwise	Crosswise	Endwise
3000LM	20.5	20.5	20.4	20.7
4000LM	21.5	21.5	21.4	21.7
5000LM	22.4	22.3	22.3	22.6
6000LM	22.9	22.8	22.8	23.1
7200LM	22.4	22.4	22.3	22.6

UGR Values of STAKP 1x4 @ **90CRI** and 3500K  
(70% 50% 20% reflectance using a 4H x 8H room size)

Lumen Package	COL		COLT	
	Crosswise	Endwise	Crosswise	Endwise
3000LM	20.1	20.1	20	20.3
4000LM	21	21	20.9	21.2
5000LM	21.9	21.9	21.8	22.1
6000LM	22.4	22.4	22.3	22.6
7200LM	22.4	22.4	22.3	22.6

UGR Values of STAKP 2x2 @ **80CRI** and 3500K  
(70% 50% 20% reflectance using a 4H x 8H room size)

Lumen Package	COL		COLT	
	Crosswise	Endwise	Crosswise	Endwise
2000LM	19.1	20.8	19.2	20.5
3000LM	20.3	21.9	20.4	21.6
4000LM	21.3	22.9	21.3	22.6
5000LM	22.1	23.7	22.1	23.4

UGR Values of STAKP 2x2 @ **90CRI** and 3500K  
(70% 50% 20% reflectance using a 4H x 8H room size)

Lumen Package	COL		COLT	
	Crosswise	Endwise	Crosswise	Endwise
2000LM	18.7	20.3	18.8	20
3000LM	19.9	21.5	19.9	21.2
4000LM	20.8	22.5	20.9	22.2
5000LM	21.6	23.2	21.7	23

UGR Values of STAKP 2x4 @ **80CRI** and 3500K  
(70% 50% 20% reflectance using a 4H x 8H room size)

Lumen Package	COL		COLT	
	Crosswise	Endwise	Crosswise	Endwise
3000LM	17.9	19.3	17.9	19.1
4000LM	18.9	20.3	18.9	20.1
5000LM	19.8	21.2	19.8	21
6000LM	20.4	21.7	20.3	21.6
7200LM	20.9	22.2	20.8	22.1

UGR Values of STAKP 2x4 @ **90CRI** and 3500K  
(70% 50% 20% reflectance using a 4H x 8H room size)

Lumen Package	COL		COLT	
	Crosswise	Endwise	Crosswise	Endwise
3000LM	17.5	18.8	17.4	18.7
4000LM	18.5	19.8	18.4	19.7
5000LM	19.4	20.7	19.3	20.6
6000LM	19.9	21.3	19.9	21.1
7200LM	20.4	21.8	20.4	21.6

UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR and/or "Point-UGR" values. To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application.

## PERFORMANCE DATA

Performance Data			
Fixture	Lumens	Wattage	LPW
STAKP 2X2 2000LM 80CRI 35K COL MVOLT	2261	15.8	143.1
STAKP 2X2 2000LM 80CRI 35K COLT MVOLT	2207	15.8	139.8
STAKP 2X2 2000LM 80CRI 40K COL MVOLT	2332	15.8	147.6
STAKP 2X2 2000LM 80CRI 40K COLT MVOLT	2277	15.8	144.1
STAKP 2X2 2000LM 80CRI 50K COL MVOLT	2332	15.8	147.6
STAKP 2X2 2000LM 80CRI 50K COLT MVOLT	2277	15.8	144.1
STAKP 2X2 3000LM 80CRI 35K COL MVOLT	3167	22.7	139.8
STAKP 2X2 3000LM 80CRI 35K COLT MVOLT	3093	22.7	136.5
STAKP 2X2 3000LM 80CRI 40K COL MVOLT	3267	22.7	144.2
STAKP 2X2 3000LM 80CRI 40K COLT MVOLT	3190	22.7	140.8
STAKP 2X2 3000LM 80CRI 50K COL MVOLT	3267	22.7	144.2
STAKP 2X2 3000LM 80CRI 50K COLT MVOLT	3190	22.7	140.8
STAKP 2X2 4000LM 80CRI 35K COL MVOLT	4179	30.7	136.3
STAKP 2X2 4000LM 80CRI 35K COLT MVOLT	4081	30.7	133.1
STAKP 2X2 4000LM 80CRI 40K COL MVOLT	4310	30.7	140.6
STAKP 2X2 4000LM 80CRI 40K COLT MVOLT	4209	30.7	137.3
STAKP 2X2 4000LM 80CRI 50K COL MVOLT	4310	30.7	140.6
STAKP 2X2 4000LM 80CRI 50K COLT MVOLT	4209	30.7	137.3
STAKP 2X2 5000LM 80CRI 35K COL MVOLT	5241	38.9	134.8
STAKP 2X2 5000LM 80CRI 35K COLT MVOLT	5117	38.9	131.6
STAKP 2X2 5000LM 80CRI 40K COL MVOLT	5405	38.9	139.0
STAKP 2X2 5000LM 80CRI 40K COLT MVOLT	5278	38.9	135.7
STAKP 2X2 5000LM 80CRI 50K COL MVOLT	5405	38.9	139.0
STAKP 2X2 5000LM 80CRI 50K COLT MVOLT	5278	38.9	135.7
STAKP 2X4 3000LM 80CRI 35K COL MVOLT	3146	22.2	141.4
STAKP 2X4 3000LM 80CRI 35K COLT MVOLT	3064	22.2	137.7
STAKP 2X4 3000LM 80CRI 40K COL MVOLT	3245	22.2	145.9
STAKP 2X4 3000LM 80CRI 40K COLT MVOLT	3160	22.2	142.0
STAKP 2X4 3000LM 80CRI 50K COL MVOLT	3245	22.2	145.9
STAKP 2X4 3000LM 80CRI 50K COLT MVOLT	3160	22.2	142.0

Performance Data			
Fixture	Lumens	Wattage	LPW
STAKP 2X4 4000LM 80CRI 35K COL MVOLT	4189	30.3	138.3
STAKP 2X4 4000LM 80CRI 35K COLT MVOLT	4079	30.3	134.6
STAKP 2X4 4000LM 80CRI 40K COL MVOLT	4321	30.3	142.6
STAKP 2X4 4000LM 80CRI 40K COLT MVOLT	4207	30.3	138.9
STAKP 2X4 4000LM 80CRI 50K COL MVOLT	4321	30.3	142.6
STAKP 2X4 4000LM 80CRI 50K COLT MVOLT	4207	30.3	138.9
STAKP 2X4 5000LM 80CRI 35K COL MVOLT	5417	38.5	140.7
STAKP 2X4 5000LM 80CRI 35K COLT MVOLT	5275	38.5	137.0
STAKP 2X4 5000LM 80CRI 40K COL MVOLT	5587	38.5	145.1
STAKP 2X4 5000LM 80CRI 40K COLT MVOLT	5440	38.5	141.3
STAKP 2X4 5000LM 80CRI 50K COL MVOLT	5587	38.5	145.1
STAKP 2X4 5000LM 80CRI 50K COLT MVOLT	5440	38.5	141.3
STAKP 2X4 6000LM 80CRI 35K COL MVOLT	6324	45.7	138.5
STAKP 2X4 6000LM 80CRI 35K COLT MVOLT	6157	45.7	134.8
STAKP 2X4 6000LM 80CRI 40K COL MVOLT	6522	45.7	142.8
STAKP 2X4 6000LM 80CRI 40K COLT MVOLT	6351	45.7	139.1
STAKP 2X4 6000LM 80CRI 50K COL MVOLT	6522	45.7	142.8
STAKP 2X4 6000LM 80CRI 50K COLT MVOLT	6351	45.7	139.1
STAKP 2X4 7200LM 80CRI 35K COL MVOLT	7314	53.7	136.2
STAKP 2X4 7200LM 80CRI 35K COLT MVOLT	7121	53.7	132.6
STAKP 2X4 7200LM 80CRI 40K COL MVOLT	7543	53.7	140.4
STAKP 2X4 7200LM 80CRI 40K COLT MVOLT	7345	53.7	136.7
STAKP 2X4 7200LM 80CRI 50K COL MVOLT	7543	53.7	140.4
STAKP 2X4 7200LM 80CRI 50K COLT MVOLT	7345	53.7	136.7