NCO Series LED

fig 1.1

fig 1.2

fig 1.3

*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens. Coverage includes up to 40' and the maximum temperature rating for the motion sensors is 165°F

FEATURES

- Driver temperature up to 149°F (65°C)
- UL Listed Drivers with less than 1% failure rate
- Patent-pending remote driver minimizes fixture operating temperature without re-gridding required
- Patent-pending design extends fixture life by helping prevent build-up of insulating dust and debris and eliminating illumination dead spots
- Includes 10 Year Module Warranty - Full light engine or plug & play driver module replacement, rather than parts
- Fail off 15KA transient voltage surge suppressor (TVSS) protects fixture against failure due to power supply surges
- Optional motion sensor. Choose from standard by Wattstopper with L7 lens (fig 1.1 & 1.2*), or Internet of Things (IOT) by Enlighted Sensors (fig 1.3).
- Dimmable 0-10V
- UL 1598 listed
- IP65 rated

LUMINOUS OUTPUT & DIMENSIONS

	STANDARD TEMP		HIGH TEMP		EXTREME TEMP	
WATTAGE	OUTPUT	LENGTH	OUTPUT	LENGTH	OUTPUT	LENGTH
100 Watts	12,960 lumens	18 in	12,960 lumens	18 in	12,960 lumens	18 in
150 Watts	21,600 lumens	18 in	21,600 lumens	26 in	21,600 lumens	26 in
200 Watts	28,800 lumens	26 in	28,800 lumens	34 in	28,800 lumens	34 in
250 Watts	36,000 lumens	34 in	36,000 lumens	42 in	36,000 lumens	42 in
300 Watts	43,200 lumens	34 in	43,200 lumens	50 in	43,200 lumens	50 in
400 Watts	57,600 lumens	50 in	57,600 lumens	66 in	57,600 lumens	66 in
500 Watts	72,000 lumens	50 in	72,000 lumens	82 in	72,000 lumens	82 in
600 Watts	86,400 lumens	66 in	86,400 lumens	98 in	86,400 lumens	98 in
700 Watts	100,800 lumens	82 in	100,800 lumens	114 in	100,800 lumens	114 in
800 Watts	115,200 lumens	90 in	115,200 lumens	130 in	115,200 lumens	130 in
900 Watts	129,600 lumens	98 in	123,300 lumens	146 in	123,300 lumens	146 in

SPECIFICATIONS

Power Factor.....>0.9
Available Wattages..... 100, 150, 200, 250, 300, 400, 500, 600, 700, 800, 900
Kelvin Temperatures 3000K, 4000K, 5000K
Input Voltage ..... 120/277V & 347/480V
Performance.....Up to 151 lm/W
Distribution..... 120°, 60° & Aisle
Mount Type.....Suspension
Color Rendering Index (3000K) .....>70
Color Rendering Index (4000K) .....>70
Color Rendering Index (5000K) .....>90

OPERATIONAL TEMPERATURE

STANDARD TEMP	HIGH TEMP	EXTREME TEMP
-40°F to 130°F (or -40°C to 55°C)	-40°F to 195°F (-40°C to 90°C)	-40°F to 245°F (-40°C to 118°C)

NCO ORDERING INFORMATION

ORDER NUMBER: NCO-1-100-30-1-2-1-1-1-X-X-X-1-1

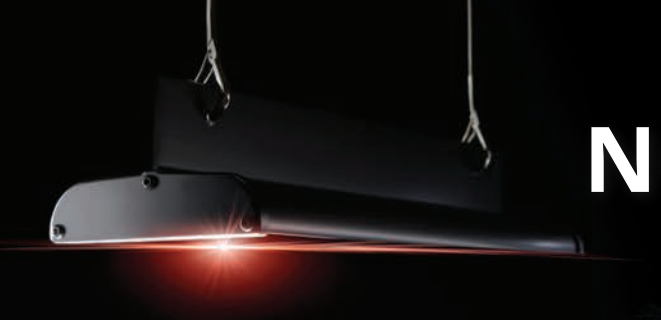
SERIES	WATTAGE	KELVIN	OPTICS	LENS	FINISH	DRIVER VOLTAGE	REMOTE CABLE	MOTION SENSOR	BATTERY BACKUP	DLC	POWER CORD TYPE	CORD LENGTH
NCO-1 Std Temp	100	30- (3000K)	1- No Optics	2- Flat Poly Clear[2]	1- Black	1- 120/277V	1- 6'	X- No	X- No	X- N/A	1- whip 120-277V	1- 6'
NCO-2 High Temp	150[1]	40- (4000K)	2- 60°	6- Tempered glass clear		4- 347/480V	2- 10'	1- Standard[3]	1- Yes	1- Standard	2- whip 347-480V	2- 12'
NCO-3 Extreme	200	50- (5000K)	4- Aisle				3- 25'	2- IOT[3]			3- 125V 15amp Straight	
	250[1]						4- 50'				4- 125V 20amp Twistlock	
	300						5- 100'				5- 250V 20amp Twistlock	
	400[1]						6- 200'				6- 277V 15amp Twistlock	
	500[1]						7- 500'				7- 277V 20amp Twistlock	
	600[1]						8- 1,000'				8- 480V 20amp Twistlock	
	700[1]						9- Custom				9- 600V 20amp Twistlock	
	800[1]											
	900[1]											

1 Under review - DLC approval pending

2 Due to melting concerns, Flat Poly Clear Lenses are only available with NCO-1 Standard Temperature Fixtures

3 Motion Sensor information: Standard (1) features sensors by Wattstopper with L7 lens. Internet of Things or IOT, (2) features sensors by Enlighted Sensors

TACTIK LIGHTING 3115 N 21st Street, Suite 2, Sheboygan, WI 53083 | **920.287.2840** | tactiklighting.com



NCO Series LED

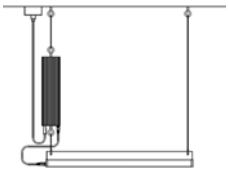
Filled with Bright Ideas for Improving Lighting Reliability

ENHANCE COOLING AND ELIMINATE RE-GRIDDING HEADACHES

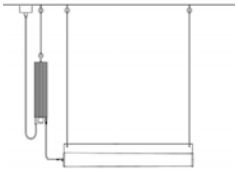
With leading competitive units, the LED driver is inside the light, which results in a lot of heat. However, the NCO Series features remotely mounted drivers.

This approach helps keep the operating temperatures inside the fixture lower. It also allows more effective cooling of the driver, safeguarding the integrity of the driver as well as the LED light itself.

Should changes in plant floor layout dictate the need to alter fixture placement, this can be accomplished quickly and easily without re-gridding hassles. Simply change out the power cord for one of suitable length to reach the new location of the light.



Minimum Footprint

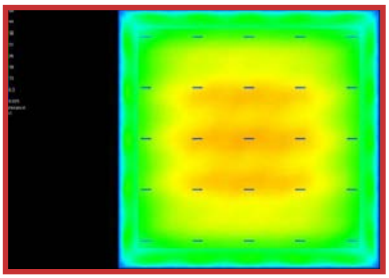


Driver Adjacent

Extend As Needed

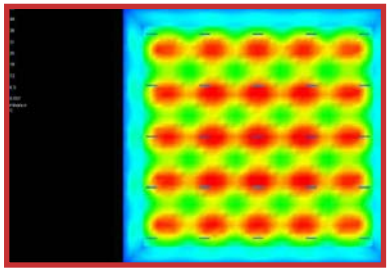
Optics Information

NO OPTICS



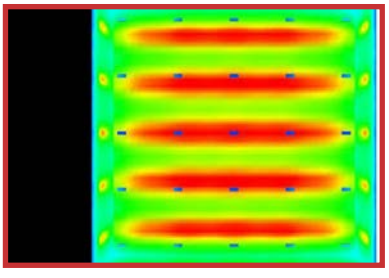
> Great for general illumination. No Optics are also great if you want to maximize horizontal light & to achieve uniform lighting overall. Ideal for 30 feet and below.

60 DEGREE OPTICS



> Great for higher ceilings. Best used for fixtures mounted 30+ feet up. (This image captures a 25 foot mounting height).

AISLE OPTICS



> Great for racking. With Aisle Optics, light is not wasted in ajoining aisles, so you can reduce the number of fixtures in your facility, or can substantially reduce wattage when switching from HID or Flourescents to LED.