

NCO Series LED

Standard Temperature



SPECIFICATIONS

Power Factor.....	>0.9
Input Voltage	120/277V & 347/480V
Performance.....	Up to 151 lm/W
Operational Temperature.....	-40°F to 130°F (-40°C to 55°C)
Distribution.....	120°, 60° & Aisle
Mount Type.....	Suspension
Kelvin Temperature	3000K, 4000K, 5000K
Available Wattages....	100W, 150W, 200W, 250W, 300W, 400W 500W, 600W, 700W, 800W, 900W
Color Rendering Index (4000K)	>70
Color Rendering Index (5000K)	>90

FEATURES

- > Up to 130°F (or 55°C). Driver temperature up to 149°F (or 65°C)
- > Inventronics Drivers with less than 1% failure rate
- > Patent-pending design extends fixture life by helping prevent build-up of insulating dust and debris and eliminates illumination dead spots
- > Patent-pending remote driver minimizes fixture operating temperature without re-gridding required
- > 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

fig 1.1



fig 1.2



fig 1.3



PLUGS & DRIVER BOX



CABLES



> Fixture with Motion Sensor¹

LUMINOUS OUTPUT & DIMENSIONS

WATTAGE	LUMENS	LENGTH
100 Watts	12,960 lumens	18 inches
150 Watts	21,600 lumens	18 inches
200 Watts	31,070 lumens	26 inches
250 Watts	36,000 lumens	34 inches
300 Watts	44,020 lumens	34 inches
400 Watts	57,600 lumens	50 inches
500 Watts	72,000 lumens	58 inches
600 Watts	86,400 lumens	66 inches
700 Watts	100,800 lumens	82 inches
800 Watts	115,200 lumens	90 inches
900 Watts	129,600 lumens	98 inches

*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens.
¹ Coverage includes up to 40' and the maximum temperature rating for the motion sensors is 165 F

NCO ORDERING INFORMATION

SAMPLE ORDER NUMBER: NCO-3-100-40-1-2-1-1-1-X-X-1-1-1

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

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



NCO Series LED

High Temperature



SPECIFICATIONS

Power Factor.....>0.9
 Input Voltage 120/277V & 347/480V
 Performance.....Up to 151 lm/W
 Operational Temperature.....-40°F to 195°F (-40°C to 90°C)
 Distribution..... 120°, 60° & Aisle
 Mount Type.....Suspension
 Kelvin Temperature.....3000K, 4000K, 5000K
 Available Wattages.... 100W, 150W, 200W, 250W, 300W, 400W
 500W, 600W, 700W, 800W, 900W
 Color Rendering Index (4000K)>70
 Color Rendering Index (5000K)>90

FEATURES

- > Up to 195°F (or 90°C). Driver temperature up to 149°F (or 65°C)
- > Inventronics Drivers with less than 1% failure rate
- > Patent-pending design extends fixture life by helping prevent build-up of insulating dust and debris and eliminates illumination dead spots
- > Patent-pending remote driver minimizes fixture operating temperature without re-gridding required
- > 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

fig 1.1



fig 1.2



fig 1.3



NCO ORDERING INFORMATION

SAMPLE ORDER NUMBER: NCO-4-100-40-1-6-1-1-X-X-1-1-1

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

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

PLUGS & DRIVER BOX



CABLES



> Fixture with Motion Sensor¹

LUMINOUS OUTPUT & DIMENSIONS

WATTAGE	LUMENS	LENGTH
100 Watts	12,960 lumens	18 inches
150 Watts	21,600 lumens	26 inches
200 Watts	31,070 lumens	34 inches
250 Watts	36,000 lumens	42 inches
300 Watts	44,020 lumens	50 inches
400 Watts	57,600 lumens	66 inches
500 Watts	72,000 lumens	82 inches
600 Watts	86,400 lumens	98 inches
700 Watts	100,800 lumens	114 inches
800 Watts	115,200 lumens	130 inches
900 Watts	129,600 lumens	146 inches

*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens. 1 Coverage includes up to 40' and the maximum temperature rating for the motion sensors is 165 F



NCO Series LED

Extreme Temperature



SPECIFICATIONS

Power Factor.....>0.9
 Input Voltage 120/277V & 347/480V
 Performance.....Up to 151 lm/W
 Operational Temperature.....-40°F to 245°F (-40°C to 118°C)
 Distribution..... 120°, 60° & Aisle
 Mount Type.....Suspension
 Kelvin Temperature.....3000K, 4000K, 5000K
 Available Wattages.... 100W, 150W, 200W, 250W, 300W, 400W
 500W, 600W, 700W, 800W, 900W
 Color Rendering Index (4000K)>70
 Color Rendering Index (5000K)>90

FEATURES

- > Up to 245°F (or 118°C). Driver temperature up to 149°F (or 65°C)
- > Inventronics Drivers with less than 1% failure rate
- > Patent-pending design extends fixture life by helping prevent build-up of insulating dust and debris and eliminates illumination dead spots
- > Patent-pending remote driver minimizes fixture operating temperature without re-gridding required
- > 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
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fig 1.3



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> Fixture with Motion Sensor¹

LUMINOUS OUTPUT & DIMENSIONS

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900 Watts	129,600 lumens	146 inches

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

NCO ORDERING INFORMATION

SAMPLE ORDER NUMBER: NCO-5-100-40-1-6-1-1-1-X-X-1-1-1

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

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



NCO Series LED

Filled with Bright Ideas for
Improving Lighting Reliability

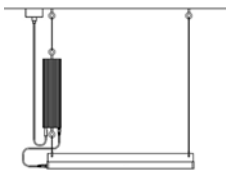
ENHANCE COOLING AND ELIMINATE RE-GRIDDING HEADACHES

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.

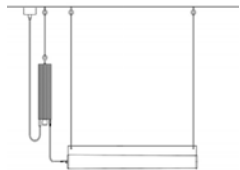
This approach helps keep the operating temperatures inside the fixture lower. It also allows more effective cooling of the driver, safeguarding

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

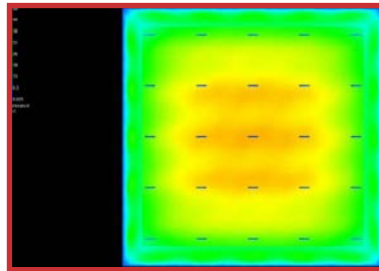


Extend As Needed

Optics Information

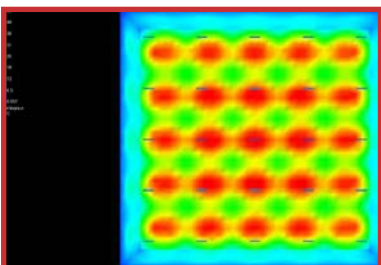


NO OPTICS



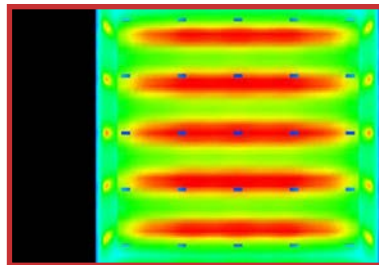
> Great for general illumination. No Optics are also great if you want to maximize horizontal light & to achieve uniform lighting overall. Ideal for 30 feet and below.

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 adjoining aisles, so you can reduce the number of fixtures in your facility, or can substantially reduce wattage when switching from HID or Fluorescents to LED.

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