

Technical Specifications: NXT™ Luminaire “S” Series (12, 24, 36 LEDs)*

SERIES/MODEL	NXT-12S (12 LEDs)					NXT-24S (24 LEDs)					NXT-36S (36 LEDs)				
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Electrical

Available Drive Currents (mA)	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA
Power Consumption ¹ (w)	14W	18W	21W	23W	27W	27W	35W	41W	47W	55W	41W	53W	62W	70W	82W
Input Voltage ² (v)	120 - 240V					120 - 240V					120 - 240V				
Surge Protection	ANSI C-High (10kV)					ANSI C-High (10kV)					ANSI C-High (10kV)				
Power Factor	>0.90					>0.90					>0.90				

Optics & Performance

Distributions Available	Type II (2LB, 2HB, 2ES), Type III (3LB, 3HB)					Type II (2LB, 2HB, 2ES), Type III (3LB, 3HB)					Type II (2LB, 2HB, 2ES), Type III (3LB, 3HB)				
Color Temperature (CCT) ³	5000K (Standard) 4000 & 4500K (Optional)					5000K (Standard) 4000 & 4500K (Optional)					5000K (Standard) 4000 & 4500K (Optional)				
Color Rendering Index (CRI) ¹	~70 (±5)					~70 (±5)					~70 (±5)				
Drive Current (mA)	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA
Fixture Efficacy (Lm/W) ⁴	104	101	99	96	93	104	101	99	96	93	104	101	99	96	93
Fixture Output (Lm) ⁴	1,420	1,773	2,022	2,259	2,553	2,840	3,546	4,045	4,517	5,106	4,261	5,319	6,067	6,776	7,648
Lens material	IK09 Rated Glass					IK09 Rated Glass					IK09 Rated Glass				

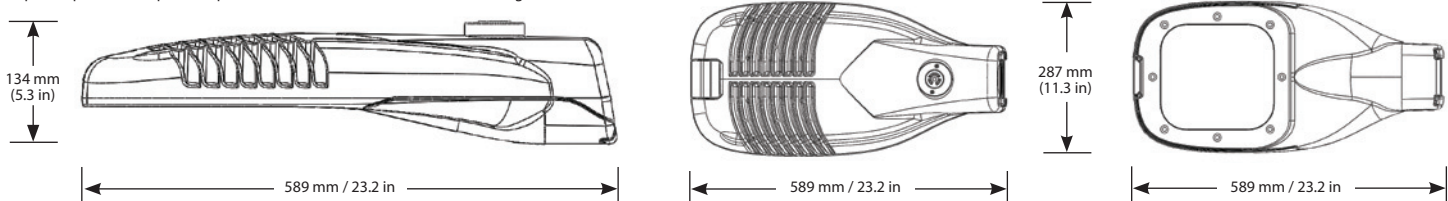
Mechanical & Operating

Housing	Single piece, die-cast A360 aluminum					Single piece, die-cast A360 aluminum					Single piece, die-cast A360 aluminum				
Operating temperature range	-40 to +40C					-40 to +40C					-40 to +40C				
Mounting	42-60mm (1.625"-2.375") O.D. tenons					42-60mm (1.625"-2.375") O.D. tenons					42-60mm (1.625"-2.375") O.D. tenons				
Mounting Methods	Horizontal or Post-Top Mount					Horizontal or Post-Top Mount					Horizontal or Post-Top Mount				
Weight	18 lbs (estimate)/8.2 kg					18 lbs (estimate)/8.2 kg					18 lbs (estimate)/8.2 kg				
Width (maximum)	287 mm (11.3 in)					287 mm (11.3 in)					287 mm (11.3 in)				
Length (maximum)	589 mm (23.2 in)					589 mm (23.2 in)					589 mm (23.2 in)				
Height (maximum)	134 mm (5.3 in)					134 mm (5.3 in)					134 mm (5.3 in)				
EPA rating	Est. < 0.043 m ² (0.46 ft ²)					Est. < 0.043 m ² (0.46 ft ²)					Est. < 0.043 m ² (0.46 ft ²)				
Finish	Durable polyester powdercoat topcoat. Consult factory for color selections.														

Photocell & Control Options⁵

Photocell Receptacle	NEMA twist-lock					NEMA twist-lock					NEMA twist-lock				
Photocell Options	20 year life photocell					20 year life photocell					20 year life photocell				
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. Available with integrated Streetlight Intelligence system.														

If post-top version is specified, please add 137 mm / 5.4 inches to overall length dimension



NOTES:

1. Data shown is +/-5%
 2. Input voltages: 120-240 V. Other voltages coming soon.
 3. Color temperature shown is +/- 500K
 4. Data shown is for 5000K CCT and Type III distribution.
 5. Photocells and control options must be specified and ordered separately.
- * All information provided is subject to change without notice.

Ordering Guide: NXT™ Luminaire “S” Series (12, 24, 36 LEDs)

MODEL		VOLTAGE	PHOTOCELL CONTROL*	OPTICS	DRIVE CURRENT
SERIES	# OF LED'S/ BODY SIZE				
NXT NXT	12S Small 24S Small 36S Small	0 120V-240V universal	R c/w NEMA Photocell Receptacle S Solid Casting (No Photocell Receptacle) * Photocells and shorting caps ordered separately.	2LB Type II Low Backlight 2HB Type II High Backlight 2ES Type II Short (EU) 3LB Type III Low Backlight 3HB Type III High Backlight	350 350 mA 450 450 mA 525 525 mA 600 600 mA 700 700 mA
①	②	③	④	⑤	⑥

FINISH	LED COLOR TEMPERATURE (CCT)	LENS TYPE	CERTIFICATION	CONTROL OPTIONS	MOUNTING METHOD
GY Gray (RAL 7035) BK Black (RAL 9005) BZ Bronze (RAL 7022) --- 4 Digit RAL# (Custom Finish)	1 5000K (Standard/Default) 2 4500K (Optional) 3 4000K (Optional) Other color temperatures available. Please contact factory for details.	G Glass	UL Canada/US CE European NM NOM-Mexico CT C-TICK (Australia)	XX TBA NOTE: Dimming (1 - 10V) power supply is standard equipment.	H Horizontal Tenon Mount P Post-Top Mount
⑦	⑧	⑨	⑩	⑪	⑫

Sample Catalog Number: | NXT | 12S | 0 | R | 3LB | 350 | GY | 1 | G | UL | XX | H

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

NXT™ Series, 12 LEDs, small body fixture, 120V, c/w photocell receptacle, Type III low backlight, 350mA drive current, gray painted finish, 5000K CCT, glass lens, UL certification Canada/US, horizontal tenon mounting

Order Confirmation

Project Name:	Comments:
Quantity:	
Approved by:	
Date:	
Catalog Number: NXT _	
 (For standard finishes insert 2 digit code. For custom finishes, insert 4 digit RAL number)	

By completing the Order Confirmation above, I certify that I am authorized to sign the confirmation on behalf of the company. Information provided is subject to change without notice.