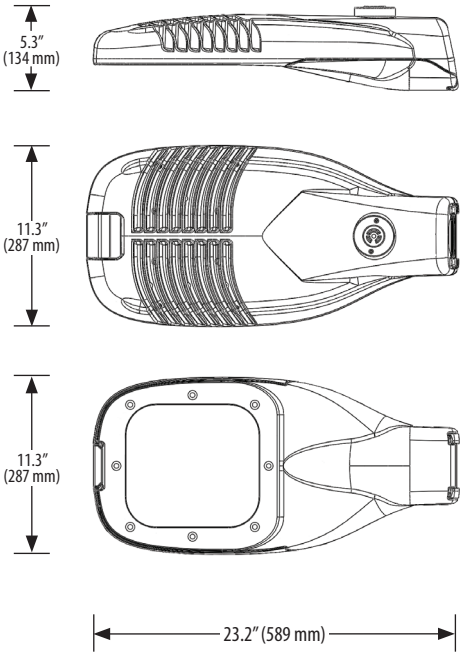
NXT™ SERIES DC LUMINAIRE: SPECIFICATIONS

NXT-S





NOTE: If post-top version is specified, add 5.4″ (137 mm) to overall length dimension.

Housing:	Single piece, die-cast A360 aluminum
Operating Temperature:	-40°C to +45°C (-40°F to +113°F)
Mounting:	1.625″ - 2.375″ (42 - 60 mm) O.D. Tenons
Mounting Methods:	Horizontal Entry or Post-Top Mount
Weight:	18 lb (8.2 kg)
EPA Rating:	<0.46 ft^2 (< 0.043 m^2)
Lens Material:	IK09 Rated Glass
Finish:	Durable polyester powdercoat topcoat
Available Colors:	GREY (RAL 7035) BRONZE (RAL 7022) BLACK (RAL 9005)

ARRA COMPLIANT

ELECTRICAL	NXT-24S (24 LEDs)					NXT-36S (36 LEDs)				
Drive Currents (mA)	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA
Power Consumption* (W)	28 W	35 W	41 W	46 W	54 W	40 W	54 W	65 W	75 W	87 W
Input Voltage* (V)	24V DC									
Surge Protection	Meets the requirements of ANSI C-High (10kV/10kA)									
OPTICS & PERFORMANCE	**NXT-24S (24 LEDs)**					**NXT-36S (36 LEDs)**				
Photometry (Distribution Types)	Type II, III, IV, V									
Color Temperature* (CCT)	4000K (Standard) 3000K & 5000K (Optional)									
Color Rendering Index* (CRI)	~70									
Drive Currents (mA)	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA
Fixture Efficacy* (Lm/W)	115	116	112	109	106	123	110	103	101	98
Fixture Output* (Lm)	3,230	4,070	4,600	5,000	5,750	4,900	5,950	6,720	7,540	8,520
LED L70 (Hours)	> 100,000 hours (@ 350mA)									
PHOTOCELL & CONTROLS	**NXT-24S (24 LEDs)**					**NXT-36S (36 LEDs)**				
Photocell Options	20-year life photocell available.									
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. LRL offers a complete range of control and monitoring solutions.									

* NOTES: VALUES SHOWN ARE SUBJECT TO ±5% TOLERANCE. COLOR TEMPERATURE SHOWN IS ±500K. BASED ON 4000K CCT AND TYPE 2ES DISTRIBUTION. ILLUSTRATED ABOVE: NXT-S IN GREY (RAL 7035).
ALL INFORMATION PROVIDED IS SUBJECT TO CHANGE WITHOUT NOTICE.

LED ROADWAY LIGHTING

115 Chain Lake Drive, Halifax, Nova Scotia, B3S 1B3 Canada
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NXT™ SERIES DC LUMINAIRE: ORDERING GUIDE

NXT-S

SERIES	LED'S/BODY	VOLTAGE	RECEPTACLE OPTION	OPTICS	DRIVE CURRENT
NXT NXT	**24S** Small **36S** Small	**9** 24V DC	**S** No Receptacle **7** 7-PIN Receptacle (C136.41) *If shorting caps or photocells are required, they must be ordered separately.*	**2LB** Type II Standard **2HB** Type II Backlight **2ES** Type II Max Throw **2EM** Type II Moderate Throw **3LB** Type III Standard **3HB** Type III Backlight **4AH** ANZ High Throw **5SM** Type V Square **5RM** Type V Round	**3** 350mA **4** 450mA **5** 525mA **6** 600mA **7** 700mA
A	B	C	D	E	F

FINISH	TEMPERATURE (CCT)	CERTIFICATION	DRIVER OPTION	MOUNTING METHOD	OTHER OPTIONS
GY Gray (RAL 7035) **BK** Black (RAL 9005) **BZ** Bronze (RAL 7022) **CC** Custom Finish *Specifiy RAL# in Comments section*	**1** 5000K **4** 3000K **3** 4000K *Other color temperatures available.*	**FC** FCC	**X** Standard Dimming Driver (1-10V) *Dimming is inverted in reference to IEC60929 Annex E*	**2H** 2-Bolt Horizontal Tenon Mount **4H** 4-Bolt Horizontal Tenon Mount *If post-top mount required, bracket must be ordered separately.*	If applicable, insert 4 digit special product request code (SPR)
G	H	I	J	K	L

SAMPLE CATALOG NUMBER: | NXT (A) | 24S (B) | 9 (C) | 7 (D) | 3LB (E) | 3 (F) | GY (G) | 3 (H) | FC (I) | X (J) | 2H (K) |

A= NXT™ Series **B=** 24 LEDs (Small Body Fixture) **C=** 24V DC **D=** 7-PIN Receptacle **E=** Type III Standard **F=** 350mA Drive Current **G=** Gray Finish **H=** 4000K CCT **I=** FCC Certification **J=** Field Switchable Driver **K=** 2-Bolt Horizontal Tenon Mount

ORDER CONFIRMATION	COMMENTS
PROJECT NAME:	
QUANTITY:	
APPROVED BY:	
DATE:	

If applicable

CATALOG NUMBER: NXT | _ _ _ (A) | 9 (C) | _ (D) | _ _ _ (E) | _ (F) | _ _ (G) | _ (H) | FC (I) | X (J) | _ _ (K) | _ _ _ _ (L) |

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. LRL supplies and warrants luminaires and proprietary control systems only. It is the responsibility of the client to select lighting poles and mounting arms that are suitable for the application (including but not limited to wind loading, seismic requirements, etc.) and the characteristics of the luminaire (e.g. EPA rating), and to confirm integrity and suitability of existing poles and mounting arms prior to installation.

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