

STREAMLINE NX-SERIES LED T8 TUBES

PID: SL917T8NBC



APPLICATIONS:

- RETROFIT FLUORESCENT TUBES
- LIGHT WITH LED READY FIXTURES
- OFFICE LIGHTING
- RETAIL LIGHTING
- ECONOMY SERIES

SPECIFICATIONS:

FEATURES

- Thermal plastic housing / Frosted lens
- Integrated heat sink
- Min starting temperature -22°F (-30°C)
- Max starting temperature 104°F (40°C)

ENERGY DATA

- Internal electronic Driver: 100-277V
- Power Factor >0.90
- THD < 20%

LED MODULES

- SMD 2835 LED chips
- Available Kelvin temperature of 30K, 40K and 50K
- Beam Angle: 320°
- CRI > 80
- 50,000 hour rated life

MOUNTING

- Bi-Pin (G13)
- Double ended connection
- Type A & B

CERTIFICATIONS

- UL certified
- IP20 rated
- LM79 tested

WARRANTY

- 1 year limited warranty
- Max run-time of 8-10 hours a day
- It is highly recommend to change all tombstones before install*
- We recommend testing a trial lamp before placing a large order.*

PRODUCT DETAILS

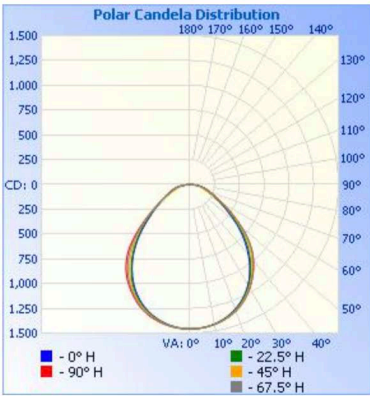
Product Code	Length (Inch)	Watts	Lumens ^{1,2}	Efficacy*	CCT ¹	Replacement
SL917T8NBC-24-10W	24"	10	1249	119	30K, 40K, 50K	17W FL T8
SL917T8NBC-48-12W	48"	12	1715	138	30K, 40K, 50K	28W FL T8
SL917T8NBC-48-15W	48"	15	2160	135	30K, 40K, 50K	32W FL T8

1. CCT range complies to ANSI C78.377-2008

2. Rated average life based on engineering testing and probability analysis

3. Lifetime test consistent with IESNA LM80 lumen maintenance procedure

LM79 REPORT



Illuminance at a Distance

Center Beam fc Beam Width

17.0ft	5.04 fc	34.6 ft	38.3 ft
34.0ft	1.26 fc	69.3 ft	76.6 ft
51.0ft	0.56 fc	103.9 ft	115.0 ft
68.0ft	0.31 fc	138.5 ft	153.3 ft
85.0ft	0.20 fc	173.2 ft	191.6 ft
102.0ft	0.14 fc	207.8 ft	229.9 ft

■ Vert. Spread: 91.1°
■ Horiz. Spread: 96.8°

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,116.7	34.1%
0-40	1,786.3	54.5%
0-60	2,824.0	86.1%
60-90	453.8	13.8%
70-100	199.3	6.1%
90-120	0.0	0%
0-90	3,277.8	100%
90-180	0.3	0%
0-180	3,278.1	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	137.7	4.2%	90-100	0.0	0%
10-20	393.2	12.0%	100-110	0.0	0%
20-30	585.8	17.9%	110-120	0.0	0%
30-40	669.6	20.4%	120-130	0.0	0%
40-50	611.5	18.7%	130-140	0.0	0%
50-60	426.2	13.0%	140-150	0.1	0%
60-70	254.5	7.8%	150-160	0.1	0%
70-80	152.3	4.6%	160-170	0.1	0%
80-90	47.0	1.4%	170-180	0.0	0%

LM79 report for 15W tubes

ORDERING GUIDE

ORDER CODE	LENGTH	WATTS	VOLTS	CCT	LENS	BEAM ANGLE	DRIVER	DIMMING	BASE
SL917T8NBC	24 = 24" 48 = 48"	10W 12W 15W	100-277V	30K = 3000K 40K = 4000K 50K = 5000K	F = Frosted	320°	I = Internal	N = Non-Dimming	G13

ORDER EXAMPLE: SL917T8NBC - 24 - 10W - 100/277V - 4000 - F - 320 - I - N - G13

PLUG AND PLAY LED TUBE TESTED BALLAST LIST - BT8 AND BT8P SERIES

Item	Manufacturer	Model	Type
1	GE	GE-132MAX-L/ULTRA	Instant Start Ballast
2	GE	GE-232MAX-L/ULTRA	Instant Start Ballast
3	GE	GE-332MAX-L/ULTRA	Instant Start Ballast
4	GE	GE-432MAX-L/ULTRA	Instant Start Ballast
5	GE	GE-132MAX-N/ULTRA	Instant Start Ballast
6	GE	GE-232MAX-N/ULTRA	Instant Start Ballast
7	GE	GE-332MAX-N/ULTRA	Instant Start Ballast
8	GE	GE-432MAX-N/ULTRA	Instant Start Ballast
9	GE	GE-132MAX-H/ULTRA	Instant Start Ballast
10	GE	GE-232MAX-H/ULTRA	Instant Start Ballast
11	GE	GE-332MAX-H/ULTRA	Instant Start Ballast
12	GE	GE-432MAX-H/ULTRA	Instant Start Ballast
13	GE	GE-132MAX-347-L	Instant Start Ballast
14	GE	GE-232MAX-347-L	Instant Start Ballast
15	GE	GE-332MAX-347-L	Instant Start Ballast
16	GE	GE-432MAX-347-L	Instant Start Ballast
17	GE	GE-132MAX-347-N	Instant Start Ballast
18	GE	GE-232MAX-347-N	Instant Start Ballast
19	GE	GE-332MAX-347-N	Instant Start Ballast
20	GE	GE-432MAX-347-N	Instant Start Ballast
21	GE	GE-132MAX-347-H	Instant Start Ballast
22	GE	GE-232MAX-347-H	Instant Start Ballast
23	GE	GE-332MAX-347-H	Instant Start Ballast
24	GE	GE-432MAX-347-H	Instant Start Ballast
25	GE	GE-132MAX-H-42T	Instant Start Ballast
26	GE	GE-232MAX-H-42T	Instant Start Ballast
27	GE	GE-332MAX-H-42T	Instant Start Ballast
28	GE	GE-432MAX-H-42T	Instant Start Ballast
29	GE	GE-159MAX-N/ULTRA	Instant Start Ballast
30	GE	GE-132MAX-G-N-DIYB	Instant Start Ballast
31	GE	GE-232MAX-G-N-DIYB	Instant Start Ballast
32	GE	GE-332MAX-G-N-DIYB	Instant Start Ballast
33	GE	GE-432MAX-G-N-DIYB	Instant Start Ballast
34	GE	GE-132-120RESDIYB	Instant Start Ballast
35	GE	GE-232-120RESDIYB	Instant Start Ballast
36	GE	GE-332-120RESDIYB	Instant Start Ballast
37	GE	GE-432-120RESDIYB	Instant Start Ballast

37	GE	GE-432-120RESDIYB	Instant Start Ballast
38	GE	GE240RES120-DIYB	Rapid Start Ballast
39	GE	GE240RSMVN-DIYB	Rapid Start Ballast
40	GE	GE-132-120RES-DIY	Instant Start Ballast
41	GE	GE-232-120RES-DIY	Instant Start Ballast
42	GE	GE-332-120RES-DIY	Instant Start Ballast
43	GE	GE-432-120RES-DIY	Instant Start Ballast
44	GE	GE-232-120RES-B	Instant Start Ballast
45	GE	GE240RS120-DIY	Rapid Start Ballast
46	GE	GE-132MV-N-DIY	Instant Start Ballast
47	GE	GE-232MV-N-DIY	Instant Start Ballast
48	GE	GE-332MV-N-DIY	Instant Start Ballast
49	GE	GE-432MV-N-DIY	Instant Start Ballast
50	GE	GE-259MV-N-DIY	Instant Start Ballast
51	GE	GE-232-MVPS-N	Rapid Start Ballast
52	GE	GE-132-MV-N	Instant Start Ballast
53	GE	GE-232-MV-N	Instant Start Ballast
54	GE	GE-332-MV-N	Instant Start Ballast
55	GE	GE-432-MV-N	Instant Start Ballast
56	GE	GE-232MAXP-L/ULTRA	Instant Start Ballast
57	GE	GE-259MAX-G-N-DIYB	Instant Start Ballast
58	GE	GE260IS-MV-N	Instant Start Ballast
59	GE	GE260IS-MV-N-DIYB	Rapid Start Ballast
60	GE	GE232MVPSPH-V03	Dimmable Programmed Start Ballast
61	GE	GE432-MVPS-H	Rapid Start Ballast
62	PHILIPS	ICN-2S28	Programmed Start Ballast
63	PHILIPS	ICN-2S28-N	Programmed Start Ballast
64	PHILIPS	IZT-132-SC	Dimmable Programmed Start Ballast
65	PHILIPS	RZT-2S32	Dimmable Programmed Start Ballast
66	PHILIPS	ICN-1P32-N	Instant Start Ballast
67	PHILIPS	ICN-2P32-N	Instant Start Ballast
68	PHILIPS	ICN-3P32-N	Instant Start Ballast
69	PHILIPS	ICN-4P32-N	Instant Start Ballast
70	PHILIPS	ICN-1S40-N	Rapid Start Ballast
71	PHILIPS	ICN-2S40-N	Rapid Start Ballast
72	PHILIPS	ICN-3S40-N	Rapid Start Ballast
73	PHILIPS	ICN-4S40-N	Rapid Start Ballast
74	PHILIPS	REB-1P32-SC	Instant Start Ballast

The Straits Lighting Company is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications from time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, The Straits Lighting Company cannot accept any liability arising from the reliance on such data to the extent permitted.

75	PHILIPS	REB-2P32-SC	Instant Start Ballast
76	PHILIPS	REB-3P32-SC	Instant Start Ballast
77	PHILIPS	REB-4P32-SC	Instant Start Ballast
78	PHILIPS	RELB-1S40-N	Rapid Start Ballast
79	PHILIPS	RELB-2S40-N	Rapid Start Ballast
80	PHILIPS	RELB-3S40-N	Rapid Start Ballast
81	PHILIPS	RELB-4S40-N	Rapid Start Ballast
82	PHILIPS	IOP-1PSP32-SC	Programmed Start Ballast
83	PHILIPS	IOP-2PSP32-SC	Programmed Start Ballast
84	PHILIPS	IOP-3PSP32-SC	Programmed Start Ballast
85	PHILIPS	IOP-4PSP32-SC	Programmed Start Ballast
86	PHILIPS	IOP-1PSP32-LW-N	Programmed Start Ballast
87	PHILIPS	IOP-2PSP32-LW-N	Programmed Start Ballast
88	PHILIPS	IOP-3PSP32-LW-N	Programmed Start Ballast
89	PHILIPS	IOP-4PSP32-LW-N	Programmed Start Ballast
90	PHILIPS	IOPA-1P32-N	Instant Start Ballast
91	PHILIPS	IOPA-2P32-N	Instant Start Ballast
92	PHILIPS	IOPA-3P32-N	Instant Start Ballast
93	PHILIPS	IOPA-4P32-N	Instant Start Ballast
94	PHILIPS	IOPA-1P32-LM-N	Instant Start Ballast
95	PHILIPS	IOPA-2P32-LM-N	Instant Start Ballast
96	PHILIPS	IOPA-3P32-LM-N	Instant Start Ballast
97	PHILIPS	IOPA-4P32-LM-N	Instant Start Ballast
98	PHILIPS	GOPA-1P32-SC	Instant Start Ballast
99	PHILIPS	GOPA-2P32-SC	Instant Start Ballast
100	PHILIPS	GOPA-3P32-SC	Instant Start Ballast
101	PHILIPS	GOPA-4P32-SC	Instant Start Ballast
102	SYLVANIA	QHE1*32T8/UNV ISL-SC	Instant Start Ballast
103	SYLVANIA	QHE2*32T8/UNV ISL-SC	Instant Start Ballast
104	SYLVANIA	QHE3*32T8/UNV ISL-SC	Instant Start Ballast
105	SYLVANIA	QHE4*32T8/UNV ISL-SC	Instant Start Ballast
106	SYLVANIA	QHE1*32T8/UNV ISN-SC	Instant Start Ballast
107	SYLVANIA	QHE2*32T8/UNV ISN-SC	Instant Start Ballast
108	SYLVANIA	QHE3*32T8/UNV ISN-SC	Instant Start Ballast
109	SYLVANIA	QHE4*32T8/UNV ISN-SC	Instant Start Ballast
110	SYLVANIA	QHE1*32T8/UNV ISH-SC	Instant Start Ballast
111	SYLVANIA	QHE2*32T8/UNV ISH-SC	Instant Start Ballast
112	SYLVANIA	QHE3*32T8/UNV ISH-SC	Instant Start Ballast
113	SYLVANIA	QHE4*32T8/UNV ISH-SC	Instant Start Ballast
114	SYLVANIA	QHE1*32T8/UNV ISL-SC-1	Instant Start Ballast
115	SYLVANIA	QHE2*32T8/UNV ISL-SC-1	Instant Start Ballast
116	SYLVANIA	QHE3*32T8/UNV ISL-SC-1	Instant Start Ballast
117	SYLVANIA	QHE4*32T8/UNV ISL-SC-1	Instant Start Ballast
118	SYLVANIA	QHE1*32T8/UNV ISN-SC-1	Instant Start Ballast
119	SYLVANIA	QHE2*32T8/UNV ISN-SC-1	Instant Start Ballast
120	SYLVANIA	QHE3*32T8/UNV ISN-SC-1	Instant Start Ballast
121	SYLVANIA	QHE4*32T8/UNV ISN-SC-1	Instant Start Ballast
122	SYLVANIA	QHE1*32T8/UNV ISH-SC-1	Instant Start Ballast
123	SYLVANIA	QHE2*32T8/UNV ISH-SC-1	Instant Start Ballast
124	SYLVANIA	QHE3*32T8/UNV ISH-SC-1	Instant Start Ballast
125	SYLVANIA	QHE4*32T8/UNV ISH-SC-1	Instant Start Ballast
126	SYLVANIA	QTP1*32T8/UNV PSN-SC	Programmed Rapid Start Ballast
127	SYLVANIA	QTP2*32T8/UNV PSN-SC	Programmed Rapid Start Ballast
128	SYLVANIA	QTP3*32T8/UNV PSN-SC	Programmed Rapid Start Ballast
129	SYLVANIA	QTP4*32T8/UNV PSN-SC	Programmed Rapid Start Ballast
130	SYLVANIA	QHE1*32T8/UNV PSN-MC	Programmed Rapid Start Ballast
131	SYLVANIA	QHE2*32T8/UNV PSN-MC	Programmed Rapid Start Ballast
132	SYLVANIA	QHE3*32T8/UNV PSN-MC	Programmed Rapid Start Ballast
133	SYLVANIA	QHE4*32T8/UNV PSN-MC	Programmed Rapid Start Ballast
134	SYLVANIA	QHE1*32T8/347 ISL-SC	Instant Start Ballast
135	SYLVANIA	QHE2*32T8/347 ISL-SC	Instant Start Ballast
136	SYLVANIA	QHE3*32T8/347 ISL-SC	Instant Start Ballast
137	SYLVANIA	QHE4*32T8/347 ISL-SC	Instant Start Ballast
138	SYLVANIA	QHE1*32T8/347 ISN-SC	Instant Start Ballast
139	SYLVANIA	QHE2*32T8/347 ISN-SC	Instant Start Ballast
140	SYLVANIA	QHE3*32T8/347 ISN-SC	Instant Start Ballast
141	SYLVANIA	QHE4*32T8/347 ISN-SC	Instant Start Ballast
142	SYLVANIA	QHE1*32T8/347 ISH-SC	Instant Start Ballast
143	SYLVANIA	QHE2*32T8/347 ISH-SC	Instant Start Ballast
144	SYLVANIA	QHE3*32T8/347 ISH-SC	Instant Start Ballast
145	SYLVANIA	QHE4*32T8/347 ISH-SC	Instant Start Ballast
146	SYLVANIA	QTP1*32T8/UNV ISL-SC	Instant Start Ballast
147	SYLVANIA	QTP2*32T8/UNV ISL-SC	Instant Start Ballast
148	SYLVANIA	QTP3*32T8/UNV ISL-SC	Instant Start Ballast
149	SYLVANIA	QTP4*32T8/UNV ISL-SC	Instant Start Ballast
150	SYLVANIA	QTP1*32T8/UNV ISN-SC	Instant Start Ballast
151	SYLVANIA	QTP2*32T8/UNV ISN-SC	Instant Start Ballast
152	SYLVANIA	QTP3*32T8/UNV ISN-SC	Instant Start Ballast
153	SYLVANIA	QTP4*32T8/UNV ISN-SC	Instant Start Ballast
154	SYLVANIA	QTP1*32T8/UNV ISH-SC	Instant Start Ballast
155	SYLVANIA	QTP2*32T8/UNV ISH-SC	Instant Start Ballast
156	SYLVANIA	QTP3*32T8/UNV ISH-SC	Instant Start Ballast
157	SYLVANIA	QTP4*32T8/UNV ISH-SC	Instant Start Ballast
158	SYLVANIA	QTP1*40T12/UNV RS-SC	Rapid Start Ballast
159	SYLVANIA	QTP2*40T12/UNV RS-SC	Rapid Start Ballast
160	SYLVANIA	QTP3*40T12/UNV RS-SC	Rapid Start Ballast
161	SYLVANIA	QTP4*40T12/UNV RS-SC	Rapid Start Ballast
162	SYLVANIA	QHE1*59T8/UNV ISL-SC	Instant Start Ballast
163	SYLVANIA	QHE2*59T8/UNV ISL-SC	Instant Start Ballast
164	SYLVANIA	QHE3*59T8/UNV ISL-SC	Instant Start Ballast
165	SYLVANIA	QHE4*59T8/UNV ISL-SC	Instant Start Ballast
166	SYLVANIA	QHE1*59T8/UNV ISN-SC	Instant Start Ballast
167	SYLVANIA	QHE2*59T8/UNV ISN-SC	Instant Start Ballast
168	SYLVANIA	QHE3*59T8/UNV ISN-SC	Instant Start Ballast

169	SYLVANIA	QHE4*59T8/UNV ISN-SC	Instant Start Ballast
170	SYLVANIA	QHE1*59T8/UNV ISH-SC	Instant Start Ballast
171	SYLVANIA	QHE2*59T8/UNV ISH-SC	Instant Start Ballast
172	SYLVANIA	QHE3*59T8/UNV ISH-SC	Instant Start Ballast
173	SYLVANIA	QHE4*59T8/UNV ISH-SC	Instant Start Ballast
174	SUNPARK	U-1/32PSE	Rapid Start Ballast
175	SUNPARK	U-2/32PSE	Rapid Start Ballast
176	SUNPARK	U-3/32PSE	Rapid Start Ballast
177	SUNPARK	U-1/32ISE	Instant Start Ballast
178	SUNPARK	U-2/32ISE	Instant Start Ballast
179	SUNPARK	U-3/32ISE	Instant Start Ballast
180	SUNPARK	U-1/32ISE-HBF	Instant Start Ballast
181	SUNPARK	U-2/32ISE-HBF	Instant Start Ballast
182	SUNPARK	U-1/32ISE-LBF	Instant Start Ballast
183	SUNPARK	U-2/32ISE-LBF	Instant Start Ballast
184	SUNPARK	U-3/32ISE	Instant Start Ballast
185	SUNPARK	120-2/32IS-HPF	Instant Start Ballast
186	SUNPARK	SP120-2/40LT	Rapid Start Ballast
187	SUNPARK	SL15T	Rapid Start Ballast
188	ROBERTSON	ISU23278120	Instant Start Ballast
189	ROBERTSON	PSA22475MV	Programmed Start Ballast
190	TRIAD	B232IUNVEL-A	Instant Start Ballast
191	TRIAD	B232IUNVHP-B	Instant Start Ballast
192	TRIAD	B232IUNVHP-N	Instant Start Ballast
193	TRIAD	B234SR120M-A	Rapid Start Ballast
194	HI	EPH2/32IS/MV/MC/HE	Instant Start Ballast
195	HI	E2/40RS-120MC	Rapid Start Ballast
196	ESPEN	VE232MHP/LE	Instant Start Ballast
197	ESPEN	VE259120H/P	Instant Start Ballast
198	PROLUME	EP232IS/LMV/SL	Instant Start Ballast
199	WORKHORSE	WH3-120-L	Instant Start Ballast
200	SUPERIOR LIFE	70201	Instant Start Ballast
201	LUNAPRO	EB232PRS-U-ES	Programmed Rapid Start Ballast
202	EST LIGHTING PRODUCTS INC	BAL500	Emergency Ballast
203	PHILIPS	B50ST RedITEST	Emergency Ballast
204	KEYSTONE	KT-EMRG-500	Emergency Ballast
205	Osram	QPT2X32T8/UNV ISN-SC	Instant Start Ballast
206	Universal	B232IUNVEL-A	Instant Start Ballast
207	Howard	EL2/321S-277	Instant Start Ballast

- NOTE:
- The Ballast Compatibility List is comprised of ballasts, which have undergone current or prior period testing.
 - This tube is compatible with a wide variety of ballasts and the absence of a ballast from the Compatibility List does not indicate that the tube would not be compatible with such a ballast.
 - Ballast compatibility lists will be separately published with updated data as additional ballasts are confirmed to be compatible, based on current period testing.
 - This tube may not work properly with the ballasts in the above list that are at near the end of their life, or due to fixture maintenance factors or special operating conditions in the facility.
 - In the event a facility has ballast types not contained in the Compatibility List, the ballast models must be evaluated and tested to confirm the tube can work properly prior to large scale installation.
 - To assure that the tube is compatible with the ballasts in any given application, test installations of the tube must be conducted for all ballasts at a given facility including for those ballasts already determined to be compatible with the tube.
 - The tube compatibility of the listed ballasts is based on testing of each noted ballast, however, due to the continuing evolution of generations of ballast technology, on-site testing of the tubes is required to confirm continued compatibility for every application in every facility.