



**nar•o (năř' ō)** *adj.*

small or slender in width,  
especially compared with  
length <linear fluorescent  
lamp, golf club, fettuccine,  
runway model>

**don't worry, our design skills  
far exceed our spelling aptitude.**

applications are as broad as naro is slight.  
with over 90% efficiency and 14 feet  
on-center spacing, performance defines  
the niche for naro. to those naysayers out  
there, we knew energy savings could look  
cool, too. naro's minimalist styling flatters  
the understated contemporary space. but  
discreet doesn't mean boring, just follow  
the lines of light that create visual interest.  
want to soften the edges a smidge? we  
have a sculptured end cap for that.



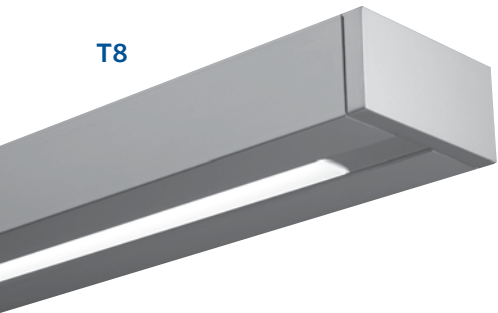
P E E R L E S S®



T5/T5HO



T8



specifications

construction

nominal 4 1/2" w x 2 1/4" h for T5/T5HO version, 5 1/4" w x 2 3/4" h for T8 version, extruded aluminum housing, die-cast aluminum end cap.

reflectors

die formed semi-specular high reflectance aluminum or white painted steel. select semi-specular (SPR) reflectors when a wide distribution is required for maximum row spacing (e.g., open offices or classrooms). select white (WHR) reflectors for narrow applications (e.g., corridors) to soften side wall shadows.

shielding

frosted acrylic diffuser.

finish

white polyester powder painted or satin anodized. satin anodized finish consists of satin anodized housing and end caps painted C110 (aluminum) to match. optional custom colors available, consult factory.

electrical

specify 120v, 277v or 347v. pre-wired with 16awg fixture wires. for special circuiting or wire gauge, consult factory. plug-in electrical connectors included. UL and C-UL listed.

fixture length

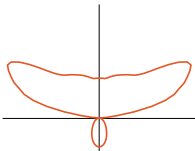
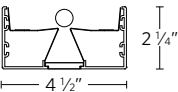
4' and 8' lengths in a single section for suspended support spacing of 4'-0" and 8'-0". for total fixture length add 1/2" for each standard end cap or 4 1/2" for each sculptured end cap (T5/T5HO only). using internal joiners sections can be joined to form longer rows.

T5/T5HO

dimensions / lamping

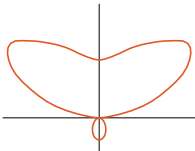
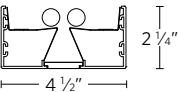
performance

NRM9 - 1 T5/T5HO



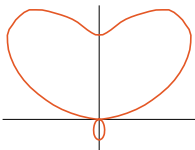
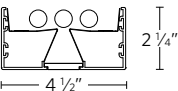
91.6% efficiency  
15.4% downlight

NRM9 - 2 T5/T5HO



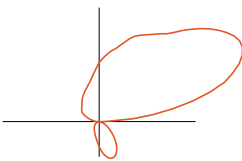
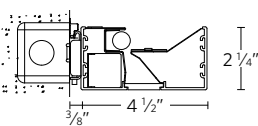
90.6% efficiency  
10.9% downlight

NRM9 - 3 T5/T5HO



90.2% efficiency  
8.2% downlight

NRW9 - 1 T5/T5HO



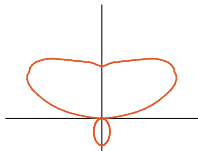
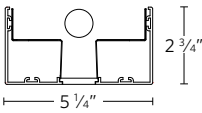
68.9% efficiency  
16.6% downlight

T8

dimensions / lamping

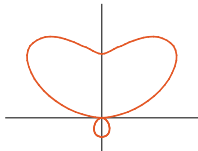
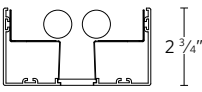
performance

NRM9 - 1 T8



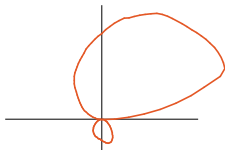
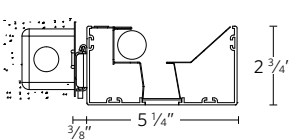
90.0% efficiency  
15.4% downlight

NRM9 - 2 T8



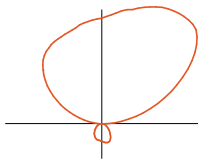
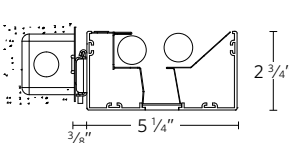
89.5% efficiency  
14.8% downlight

NRW9 - 1 T8



61.5% efficiency  
13.1% downlight

NRW9 - 2 T8



71.8% efficiency  
10.2% downlight

## suspended ordering logic

**Sample Catalog No.:** NRM9 2 28T5 SPR FST 40FT R8 277 GEB10 DCT LP835 F1/18 C100

FT																	
Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Shielding	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules <sup>4</sup>	Emergency Type <sup>1</sup>	Switching	Lamp Color	Mounting Type /	Overall Suspension	Finish	Options	
NRM9	28T5 54T5HO 32	T8	SPR  WHR	Specular reflector White reflector	FST  Frosted diffuser	X FT (4' increments)	R4 4' section(s) R8 8' section(s)	120 277 347	GEB10  ADEZ <sup>2,3</sup>  DMHL3D <sup>2</sup>  ADZT <sup>2,3</sup>  OSDIM <sup>2,3</sup>  <i>Reference <a href="#">Ballast Wizard</a> on website or consult factory for other options.</i>	(Blank) None  1SE 1 section 2SE 2 sections XSE X sections	(Blank) None  EC Emergency circuit  EL <sup>2</sup> Emergency battery pack  EN <sup>2</sup> Emergency battery pack w/ night light circuit	SCT Single circuit  Dual circuit  DCT	L/LP No Lamp L/LPE No Lamp. Wired for energy saving lamps.  LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI  Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier  <i>Reference <a href="#">Lamp Chart</a> on website or consult factory for other options.</i>	F1/ T-bar ceiling (universal mounting bracket)  F1A/ T-bar ceiling (UMB with integrated J-box)  F2/ Hard ceiling (horizontal J-box)  F3/ Rigid stem F4A/ IDS clip 15/16" tee F4B/ IDS clip 9/16" tee F4C/ IDS clip screw slot	12 12" 15 15" 18 18" 21 21" 24 24" XX XX"  <i>Overall suspension is measured from ceiling to bottom of fixture</i>	C041 White white (low gloss)  C100 Satin anodized finish  C099 Custom finish	ACG Adjustable cable grippers BLK Black cord, cord manager and canopy (not available with F3 mtg) CP Chicago plenum (available with F1A only) DL Damp location label DU <sup>5</sup> Dust cover ELH Emergency through wiring w/ separate feed ELS Emergency through wiring w/single feed, shared neutral ELS2 Emergency through wiring w/single feed, separate neutrals GLR Fusing (fast blow) GMF Fusing (slow blow) MCS Matching feed canopy at support OBJ Offset junction box SCEP <sup>1</sup> Sculptured end cap SLP Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OBJ options)
	1																
	2																
	3																
<b>Notes:</b>																	
1 Available with T5 and T5HO only																	
2 Not available in 347V																	
3 Not available with 28T5 lamps																	
4 Emergency type is installed in last 4' of fixture sections. Separate feed required unless ELS or ELS2 is specified																	
5 Not available with 3 lamp cross section																	

## wall ordering logic

**Sample Catalog No.:** NRW9 2 32 WHR FST 32FT R8 120 GEB10 SCT LP835 C041

FT														
Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Shielding	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules <sup>3</sup>	Emergency Type <sup>3</sup>	Switching	Lamp Color	Finish	Options
NRW9	1 2 (T8 only)	28T5 54T5HO 32 T8	WHR White reflector	FST Frosted diffuser	X FT (4' increments)	R4 4' section(s) R8 8' section(s) R12 12' section(s)	120 277 347	<b>GEB10</b> <10% THD Electronic <b>ADEZ1,2</b> Advance Mark 10 dim <b>DMHL3D1</b> Lutron Hi-Lume dim <b>ADZT1,2</b> Advance Mark 7 0-10V dim <b>OSDIM1,2</b> Osram 0-10V dim <i>Reference <a href="#">Ballast Wizard</a> on website or consult factory for other options.</i>	<b>(Blank)</b> None <b>1SE</b> 1 section <b>2SE</b> 2 sections <b>XSE</b> X sections	<b>(Blank)</b> None <b>EC</b> Emergency circuit <b>EL1</b> Emergency battery pack <b>EN1</b> Emergency battery pack w/night light circuit	<b>SCT</b> Single circuit	<b>L/LP</b> No Lamp <b>L/LPE</b> No Lamp. Wired for energy saving lamps. <b>LP830</b> 3000K 80+ CRI <b>LP835</b> 3500K 80+ CRI <b>LP841</b> 4100K 80+ CRI  <b>Available with T5 only:</b> <b>LP830P</b> 3000K 80+ CRI Premier <b>LP835P</b> 3500K 80+ CRI Premier <b>LP841P</b> 4100K 80+ CRI Premier <i>Reference <a href="#">Lamp Chart</a> on website or consult factory for other options.</i>	<b>C041</b> White white (low gloss) <b>C100</b> Satin anodized finish <b>C099</b> Custom finish	<b>DL</b> Dust location label <b>DU</b> Dust cover <b>ELH</b> Emergency through wiring w/ separate feed <b>ELS</b> Emergency through wiring w/single feed, shared neutral <b>ELS2</b> Emergency through wiring w/single feed, separate neutrals <b>GLR</b> Fusing (fast blow) <b>GMF</b> Fusing (slow blow) <b>NYC</b> New York City code <b>SCEP<sup>4</sup></b> Sculptured end cap

**Notes:**

1 Not available in 347V

2 Not available with 28T5 lamps

3 Emergency type is installed in last 4' of fixture sections. Separate feed required unless ELS or ELS2 is specified

4 Available with T5 and T5HO only

© 2012 Acuity Brands Lighting, Inc. All Rights Reserved. "Peerless" is a registered trademark. Products in this brochure may be covered by one or more U.S. Patents and Patents Pending. Peerless Lighting reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.

PEERLESS®  
An Acuity Brands Company



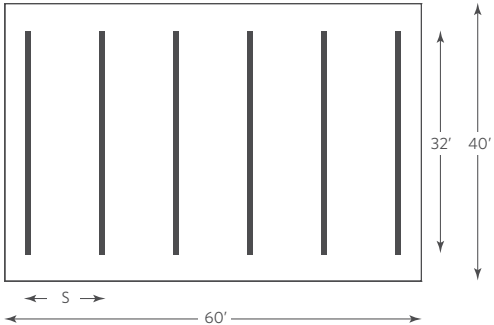




a  
p  
p  
l  
i  
c  
a  
t  
i  
o  
n  
s

open office applications

calculations based on:

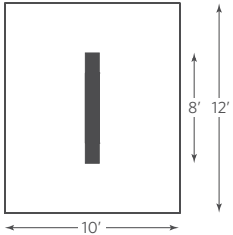


calculation notes:  
80/50/20 ceiling/walls/floor reflectance  
T5: 2900 lumen lamps, 30 input watts  
T5HO: 5000 lumen lamps, 62 input watts  
.79 LLF (light loss factor) includes:  
.95 LLD (lamp lumen depreciation)  
.88 LDD (luminaire dirt depreciation)  
.94 RSDD (room surface dirt depreciation)  
1.0 BF (ballast factor)  
T8: 2850 lumen lamps, 30 input watts  
.69 LLF (light loss factor) includes:  
.95 LLD  
.88 LDD  
.94 RSDD  
.88 BF

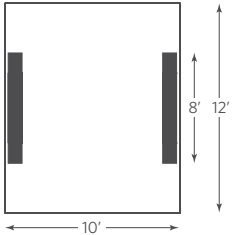
	lampping	ceiling height	overall	suspension	spacing (s)	number of 32' rows	2.5' work plane ave	ceiling uniformity	power density
suspended	(1) T5	10'	18"	10'	6	35	3.6:1	0.60	
	(2) T5	10'	21"	14'	4	47	10.2:1	0.80	
	(2) T5	12'	24"	14'	4	43	7.9:1	0.80	
	(3) T5	14'	36"	20'	3	44	10.3:1	0.90	
	(1) T5HO	10'	18"	14'	4	41	7.5:1	0.83	
	(1) T5HO	10'	21"	14'	4	41	5.4:1	0.83	
	(1) T5HO	12'	24"	14'	4	38	3.9:1	0.83	
	(2) T5HO	14'	36"	20'	3	52	6.4:1	1.24	
	(2) T8	10'	18"	12'	5	47	7.8:1	1.00	
	(2) T8	10'	24"	14'	4	40	8.5:1	0.80	

private office or conference room applications

calculations based on:



calculations based on:



see calculation notes above.

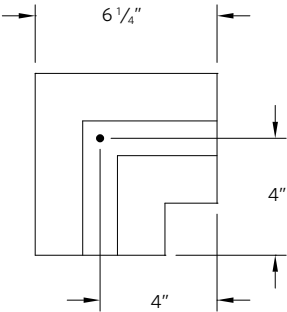
	lampping	ceiling height	overall	suspension	no. of 8ft	average illuminance	maximum	uniformity	power density
suspended	(2) T5	10'	18"	1	28	35	1.6:1	1.00	
	(3) T5	10'	18"	1	42	51	1.5:1	1.50	
	(1) T5HO	10'	18"	1	25	36	2.0:1	1.03	
	(2) T5HO	10'	18"	1	49	60	1.6:1	2.07	
	(2) T5HO	12'	24"	1	36	46	1.5:1	2.07	
wall	(1) T5HO	10'	18"	2	33	38	1.4:1	2.07	
	(2) T8	10'	18"	2	29	33	1.4:1	2.0	
2.5' work plane									

need help with a specific application?  
contact peerless tech support: 510.845.2760 or techsupport@peerlesslighting.com

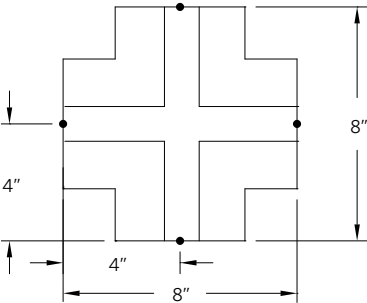


put your imagination to work. create statement installations with x, t and corner pattern connectors or craft your own funky twist on a design with custom connectors (feel free to put our team of engineers to work).

corner connector  
(T5/T5HO only)  
NRM CNR (suspended)  
NRW CNR (wall)



x connector  
(T5/T5HO only)  
NRM CNRX

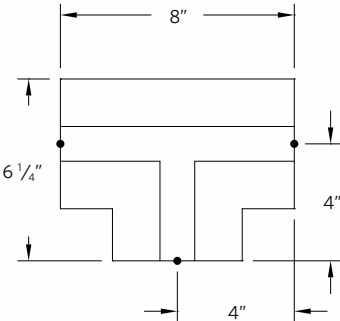


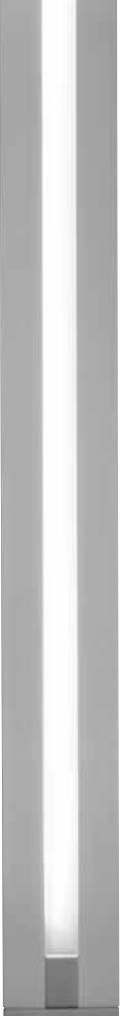
**construction:**  
extruded aluminum  
with 14 gauge sheet  
metal joiner.

**note:**  
special configurations  
(connectors) available,  
consult factory to make  
your vision a reality.

**key:**  
● support or feed location

t connector  
(T5/T5HO only)  
NRM CNRT





PEERLESS®

PEERLESS LIGHTING • 2246 5th St., Berkeley, CA 94710 • Tel: 510.845.2760 • Fax: 510.845.2776 • [PeerlessLighting.com](http://PeerlessLighting.com)