



**LED T8 AL+PC 3WAY TUBE  
AP31 SERIES**



**FEATURES**

- One Tube
- Three Wattages
- No Dimmer Required
- Electronic Ballast Compatible
- Bypass Compatible

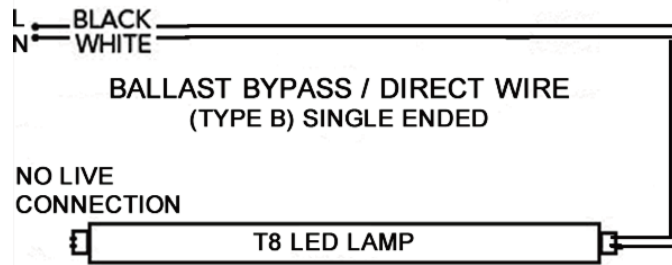
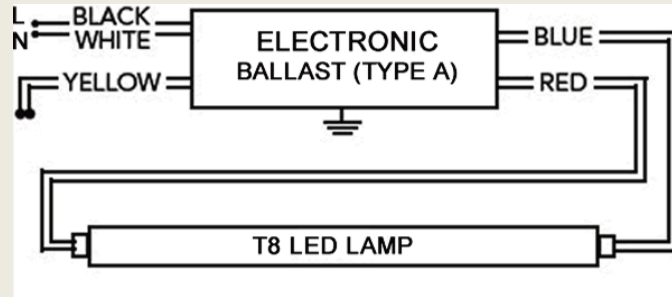
**APPLICATIONS**

- Offices
- Stores
- Garages
- Work Areas
- General Use



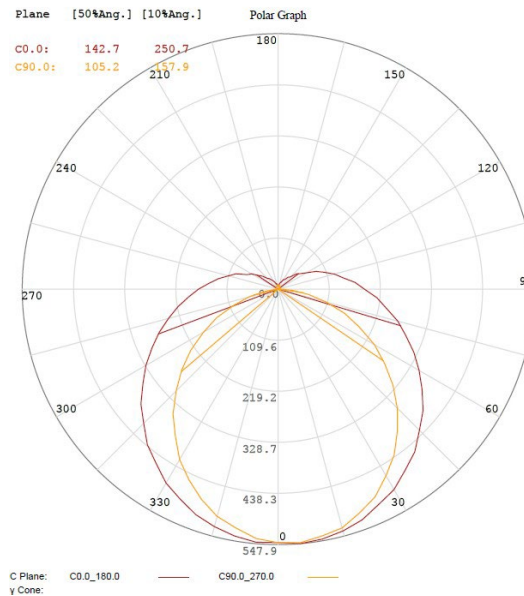
SPECIFICATIONS		44-T8-120-15W-35K-AL-D-A+B	44-T8-120-15W-40K-AL-D-A+B	44-T8-120-15W-50K-AL-D-A+B
<b>ORDERING</b>	Brand	Builders Pack	Builders Pack	Builders Pack
	SKU	ES18125-4	ES18125-2	ES18125-3
<b>GENERAL PERFORMANCE</b>	Power Consumption	15W	15W	15W
	Color Temp. (CCT)	3500K	4000K	5000K
	Lumens Delivered (lm)	2066 lm	2085 lm	2121 lm
	Efficacy (lm/w)	137.73 lm/w	139 lm/w	141.40 lm/w
	CRI	>80		
	L70 Lifetime (Hours)	50,000 Hours		
<b>ELECTRICAL</b>	Power Factor	>0.9		
	Input Voltage	AC 100-277V		
	Dimming	Yes		
<b>PHYSICAL</b>	Mounting	"Plug" and "Play" / Ballast Bypass		
	Operating Temp.	-4°F ~+ 113°F		
	Storage Temp.	-49°F ~+ 149°F		
	Ingress Protection (IP)	IP20		
<b>QUALIFICATION</b>	Certifications	UL: E492297 E492293   cUL   DLC   RoHs   FCC   Ce		
	Material Usage	Aluminum Housing and PC Diffuser		
	Environment	Interior		
	Warranty	5 years		
<b>DIMENSIONS</b>	Product Size	1" x 47.80"		
	Gross Weight	0.53 lbs		

**WIRING  
DIAGRAM**



**DISTRIBUTION  
CURVE**

2D Light Intensity Distribution Curve





<b>DISTANCE CURVE</b>	<p>ILLUMINANCE-DISTANCE CURVE</p>														
	<b>SHIPPING</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Pcs / Carton</td> <td style="text-align: right;">25pcs</td> </tr> <tr> <td>Master Carton Size</td> <td style="text-align: right;">47.40" x 7.70" x 7.90"</td> </tr> <tr> <td>Pcs / Pallet</td> <td style="text-align: right;">1250pcs</td> </tr> <tr> <td>Pcs / 20' GP</td> <td style="text-align: right;">14000pcs (No Pallet)   12375pcs (Palletized)</td> </tr> <tr> <td>Pcs / 40' GP</td> <td style="text-align: right;">30000pcs (No Pallet)   27500pcs (Palletized)</td> </tr> <tr> <td>Pcs / 40' HQ</td> <td style="text-align: right;">33000pcs (No Pallet)   30000pcs (Palletized)</td> </tr> <tr> <td>Pcs / 45' HQ</td> <td style="text-align: right;">38000pcs (No Pallet)   32000pcs (Palletized)</td> </tr> </table>	Pcs / Carton	25pcs	Master Carton Size	47.40" x 7.70" x 7.90"	Pcs / Pallet	1250pcs	Pcs / 20' GP	14000pcs (No Pallet)   12375pcs (Palletized)	Pcs / 40' GP	30000pcs (No Pallet)   27500pcs (Palletized)	Pcs / 40' HQ	33000pcs (No Pallet)   30000pcs (Palletized)	Pcs / 45' HQ
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\*Package specifications are subject to change without notice.

## LAMP CODE DEFINITIONS

Internal Use	Category	Material	Type	Size	Wattage	CCT	Other
44	T8	AL = Aluminum	AB	12 = 4'	15W	35K = 3500k 40K = 4000k 50K = 5000k	Series



ACCESSORIES		
SKU	Description	Image
GL0708x-5WT	Medium Bi-Pin Butt On Tapped 4/40 Tombstone	
GL0708x-5WTC	Medium Bi-Pin Butt On Tombstone	
GL0708x-Scw	Medium Bi-Pin Butt On Tombstone	
GL0708x-S	Short Rotary Lock Medium Bi-Pin Tombstone	
GL0708x-Tbw	Tall Medium Bi-Pin Flush Mount Tombstone	
GL0708x-T	Tall Rotary Lock Medium Bi-Pin Tombstone	
GL81002	LED Emergency Power Supply-18W	
GL81003	LED Emergency Power Supply-25W	



**SIMPLY RELIABLE**

**BALLAST COMPATIBILITY LIST**

Brand	Variant	Brand	Variant
<b>GENERAL ELECTRIC (GE)</b>	GE132MAX-N/ULTRA	<b>OSRAM SYLVANIA</b>	QHE 1x32T8/UNV ISH HTSC
	GE232MAX-N/ULTRA		QHE 1x32T8/UNV ISN-SC
	GE332MAX-N/Ultra		QHE 2x32T8/UNV ISN-SC
	GE432MAX-N/Ultra		QHE 2x32T8/UNV ISN-SC-1
	GE432MAX-H/Ultra		QHE 2x32T8/UNV ISL-SC
	GE432MAX-L/Ultra		QHE 2x32T8/UNV PSN-MC
	GE432MAX347-N		QHE 2x32T8/UNV PSX-MC
	GE232MAX-G-N		QHE 2x32T8/UNV ISH-SC
	GE332MAX-G-N		QHE 2x32T8/UNV ISH HTSC
	GE432MAX-G-N		QHE 2x32T8/347 ISN-SC
	GE432MAX-G-N-42T		QHE 2x59T8/UNV ISL-SC
	GE232-MVPS-N		QHE 3x32T8/UNV ISN-SC
	GE332-MVPS-N		QHE 3x32T8/UNV ISL-SC
	GE432-MVPS-N		QTP 2x32T8/UNV ISN-SC
	GE-132-MV-N		QTP 2x32T8/UNV ISL-SC
	GE432MV-N-42T		QTP 3x32T8/UNV ISH-SC
	GE260IS-MV-N		QTP 4x32T8/UNV ISN-SC
	GE432MAXP-N/ULTRA		QHE 4x32T8/UNV PSH-HT
	GE332MAXP-H/ULTRA		QTR 4x32T8/120 ISN-SC
	GE432MAXP-H/ULTRA		<b>KEYSTONE</b>
GE432MAXP-L/ULTRA	KTEB-232RIS-1-TP-SL		
GE432-120RESDIYB	KTEB-232RIS-1-TP-SL /G		
GE-240-RS-MV-N	<b>STANDARD</b>	E232T8IS347/N/BULK 347V,60Hz	
<b>Philips-Advance</b>	B332IUNVHE-A	<b>ACCUPRO</b>	AK-UC-228RP-120-SL
	B432IUNVHE-A	<b>ACCUPRO</b>	AP-432IP-UNV
	B232IUNVEL-N	<b>SUNPARK</b>	SL15T
	B232IUNVHP-N	<b>SUNPARK</b>	U-4/32ISE-HBF
	B332IUNVHP-A	<b>SUPERIOR LIFE</b>	70204
	B432IUNVHP-A	<b>HALCO</b>	EP232IS/L/MV/HE
	B332IUNVEL-A	<b>PACIFIC FLUORESCENT</b>	EB-232IS-120-RES
	B232IUNVHP-B	<b>HOWARD</b>	EP3/32IS/MV/MC/HE
	ICN-2P32-N		
	ICN-3P32-N		
	ICN-4P32-N		
	ICN-2S40-N		
	IOP-4P32-LW-N		
	IOP-2PSP32-LW-N		
	IOP-4PSP32-LW-SC		
	IOP-4PSP32-SC		
	IOPA-4P32-N		
	GEL-2P32-SC		
	REL-2S40-SC		
	REB-4P32-SC		