

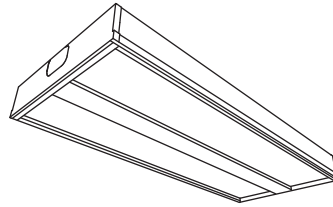
# Voice



Recessed

20"x4'

3 T8



Project Name

Spec Type

Notes

## Order Guide

Some combinations of product options may not be available. Consult factory for assistance with your specification.

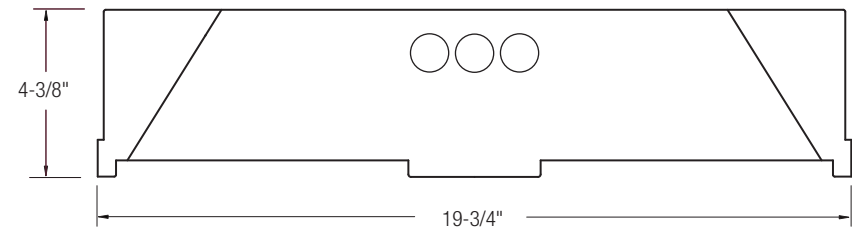
<b>9854</b>			<b>T332</b>	-		-		-		-	
<b>Product Series &amp; Size</b> Voice 20"x4'	<b>Version</b> NN Standard T-Grid*	<b>Configuration</b> ST Standalone	<b>Lamping</b> 3 T8 (32W)	<b>Housing</b> S Standard (22ga.)	<b>Wiring</b> 1 1 cct 2 2 cct 5 1 cct w/ Battery Pack 7 1 cct Dimming	<b>Voltage</b> 1 120V 2 277V 3 347V	<b>Ballast</b> E Standard Ballast				
<p>*Optional filler panels for 20"x4' fixtures used in 20"x 60" ceiling grid systems are ordered separately and field installed (see below).</p> <p>For 20"x4' fixtures with air return, select perforated filler panel (see below).</p>				Consult website for complete list of standard wiring options			Consult website for ballast manufacturer information				

## Upgrades & Accessories

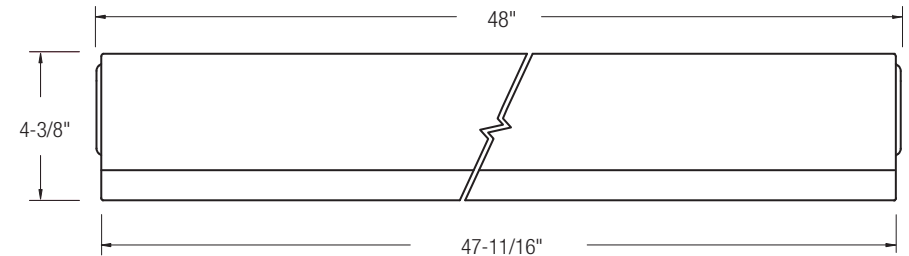
Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamps Included & Installed
<input type="checkbox"/> Job Pack	<input type="checkbox"/> Flex Whip
<input type="checkbox"/> Response Daylight For details visit <a href="http://www.ledalite.com/response">www.ledalite.com/response</a>	<input type="checkbox"/> Solid Filler Panel (set of 2)
	<input type="checkbox"/> Perforated Filler Panel /Air Return (set of 2)

### Cross Section

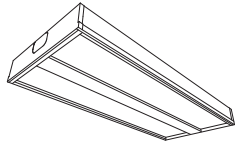


### Side View



# Voice

Recessed  
20"x4"  
3 TB



## Photometry

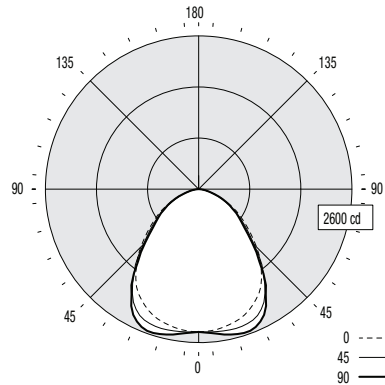
### Report Summary

**Report #** 9901419  
**Filename** 9854D1T332.ies  
**Efficiency** 66.2%

**Spacing Criteria** 1.24 @ 0° along  
1.31 @ 90° across

### Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2422	2422	2422	2422	2422	236
5	2411	2419	2432	2443	2451	691
15	2337	2374	2447	2518	2545	1076
25	2170	2241	2365	2463	2478	1208
35	1859	1915	1953	2001	1990	1044
45	1391	1382	1330	1327	1283	789
55	920	924	861	867	832	517
65	529	546	490	533	514	240
75	215	227	209	236	212	57
85	37	50	46	58	45	0
90	0	0	0	0	0	0



### Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0			
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10
0 RCR	79	79	79	79	77	77	77	73	73	73	73	66	79	79	79	79
1	73	70	67	65	71	68	66	66	64	62	57	49	73	70	67	65
2	67	62	58	54	65	61	57	58	55	53	49	42	67	62	58	54
3	61	55	50	46	60	54	49	52	48	45	42	37	61	55	50	46
4	57	49	44	40	55	48	43	47	42	39	37	32	57	49	44	40
5	52	44	39	35	51	44	38	42	38	34	32	28	52	44	39	35
6	48	40	35	31	47	40	34	38	34	30	28	25	48	40	35	31
7	45	37	31	27	44	36	31	35	30	27	25	23	45	37	31	27
8	42	33	28	24	41	33	28	32	28	24	23	21	42	33	28	24
9	39	31	26	22	38	30	25	30	25	22	21	20	39	31	26	22
10	37	28	23	20	36	28	23	27	23	20	19	18	37	28	23	20

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

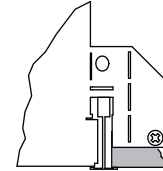
Vertical Angle	Horizontal Angle		
	0	45	90
55	2804	2624	2536
65	2188	2027	2126
75	1452	1412	1432
85	742	923	903

IES files for this and other photometric options can be downloaded online at [www.ledalite.com](http://www.ledalite.com)

## Additional Information

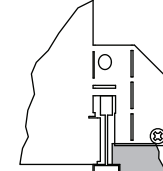
### Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

Works with 9/16" and 15/16" flat T-grid ceilings.



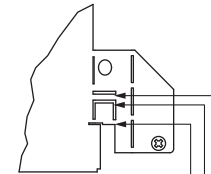
Slot T-Grid

Can also be used with slot T-grid ceilings, but it will not sit flush with the bottom of the T-bar.

Note: Optional filler panels for 20"x4' fixtures used in 20"x 60" ceiling grid systems are ordered separately and field installed. For 20"x4' fixtures with air return, select perforated filler panel (see below).

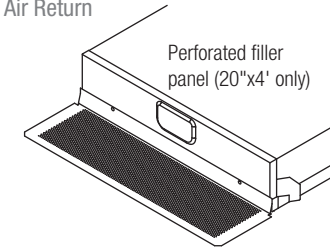
### Ceiling Types

Integrated mounting tabs can be field-adjusted to various T-bar ceiling heights for fastening directly to the T-bar grid and/or tied-off to the building structure.



1" T-bar height  
1-1/2" T-bar height  
1-11/16" T-bar height

### Air Return



The air return version features a perforated filler panel at the end of the fixture. As a result, the installation method of the air return version is different to the standard version, and the fixture cannot be installed in continuous rows.

## Specifications

Due to continuing product improvements, Ledalite reserves the right to change specifications without notice.

### Housing

Die-formed, post-painted, 22 gauge cold-rolled steel. Wire entrances are positioned on the side of the housing to allow easy wiring access for the installer. Optional frame restraint is available to provide additional support to the optical frame. 20"x4' models are available with optional field installed filler panels (solid or perforated).

### Weight

Maximum 40 lbs.

### Optical System

The optical frame assembly consists of flat acrylic panels with a layer of protected MesoOptics® film that provides high-angle glare control and high efficiency. The panels are secured to a perforated center shield using a linear prismatic acrylic diffuser. The optical frame ends are constructed from die-formed cold-rolled steel assembled together with extruded aluminum profiles in a sturdy frame. The frame is hinged to allow easy access to the inside of the fixture. Maintenance can be performed from below the ceiling without tools. No hardware is visible.

### Mounting

Fixture is compatible with most ceiling types. Integrated bend-out tabs are provided for different T-grid heights. Use screws or hanger wire (supplied by others) to secure fixture.

### Ballast

Electronic. Supplied with pre-installed ballast disconnect as per national electric codes.

### Wiring

Optional flex whips are supplied in 6' lengths.

### Air Return

Available for 20"x4' only via perforated filler panel (see above).

### Approvals

Certified to UL & CSA Standards.

### Finish

Housing and Frame: Post-painted, high quality powder coat. Available in white only.