

# Voice



Recessed

20"x2'

3 T8



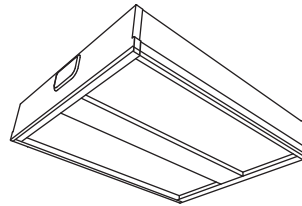
mesoOptics®



airwave™



RESPONSE®



Project Name

Spec Type

Notes

## Order Guide

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

9852			T317	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
Voice 20"x2'	NN    Standard T-Grid	ST    Standalone	3 T8 (17W)	S    Standard (22ga.)	1    1 cct 2    2 cct 5    1 cct w/ Battery Pack 7    1 cct Dimming	1    120V 2    277V 3    347V	E    Standard Ballast				
					Consult website for complete list of standard wiring options		Consult website for ballast manufacturer information				

## Upgrades & Accessories

Please indicate with check mark.

☐

Lamps Included

☐

Lamps Included & Installed

☐

Job Pack

☐

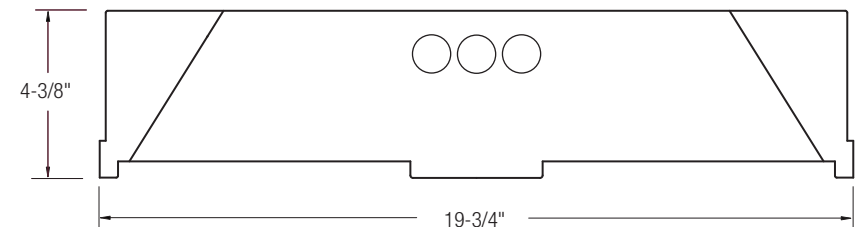
Flex Whip

☐

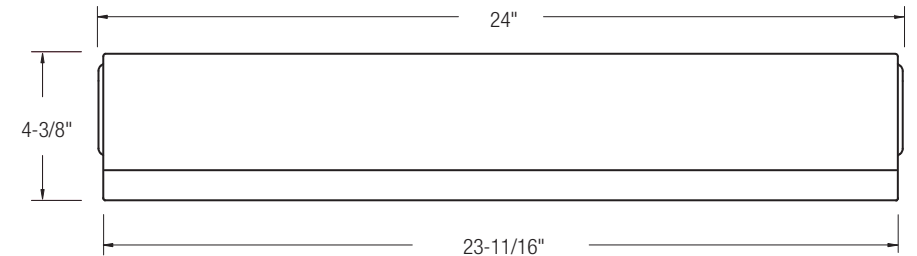
Response Daylight

For details visit [www.ledalite.com/response](http://www.ledalite.com/response)

### Cross Section

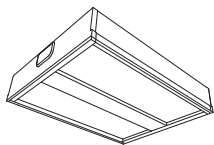


### Side View



# Voice

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20"x2'  
3 T8



## Photometry

### Report Summary

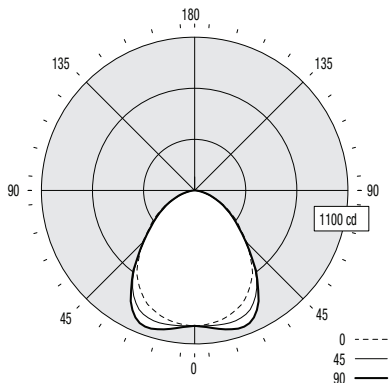
**Report #** 9901424  
**Filename** 9852D1T317.ies  
**Efficiency** 59.3%

**Spacing Criteria** 1.21 @ 0° along  
1.31 @ 90° across

Meets RP-1-04 recommendations for VDT-Normal spaces

### Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	972	972	972	972	972	
5	966	971	975	981	984	95
15	933	949	983	1019	1031	278
25	857	892	944	995	1006	431
35	725	753	775	803	785	478
45	532	536	515	533	518	409
55	356	350	329	344	334	306
65	203	207	192	203	197	199
75	87	84	80	94	89	94
85	16	17	17	21	19	23
90	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	70	70	70	70	69	69	69	66	66	66	66	66	59			
1	65	63	60	58	63	61	59	59	57	57	56	56	51			
2	60	55	52	49	58	54	51	52	49	47	47	44				
3	55	49	45	41	54	48	44	47	43	40	40	38				
4	51	44	39	36	49	43	39	42	38	35	33					
5	47	40	35	31	46	39	35	38	34	31	29					
6	43	36	31	28	42	36	31	34	30	27	26					
7	40	33	28	25	39	32	28	31	27	24	23					
8	38	30	25	22	37	30	25	29	25	22	21					
9	35	28	23	20	34	27	23	27	23	20	19					
10	33	26	21	18	32	25	21	25	21	18	17					

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

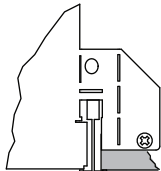
Vertical Angle	Horizontal Angle		
	0	45	90
55	2215	2047	2079
65	1715	1622	1664
75	1200	1103	1227
85	655	696	778

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

## Additional Information

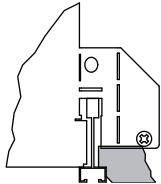
### Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

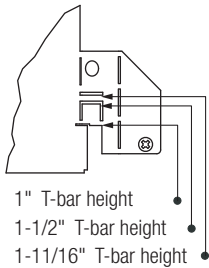


Slot T-Grid

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

### 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

## 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.

### Weight

Maximum 23 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.

### Approvals

Certified to UL & CSA Standards.

### Finish

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