

# Voice



Recessed

20"x2'

3 T5



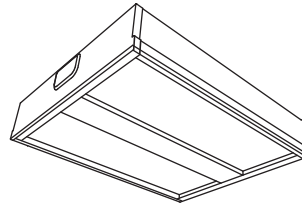
mesoOptics®



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			F314	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
Voice 20"x2'	NN    Standard T-Grid	ST    Standalone	3 T5 (14W)	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

☐

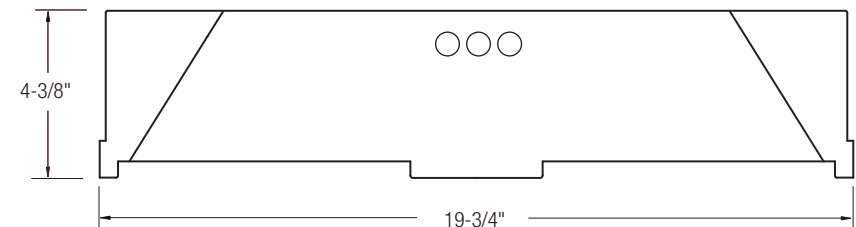
Flex Whip

☐

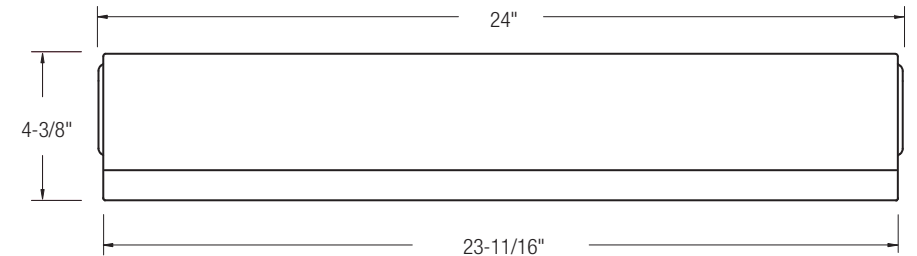
Response Daylight

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

### Cross Section



### Side View

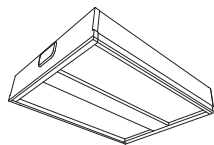


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## Photometry

### Report Summary

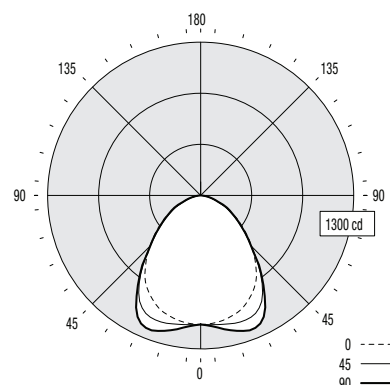
**Report #** 9901514  
**Filename** 9852D1F314.ies  
**Efficiency** 66.7%

**Spacing Criteria** 1.22 @ 0° along  
1.35 @ 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	1095	1095	1095	1095	1095	
5	1090	1095	1101	1105	1114	108
15	1053	1077	1123	1166	1189	318
25	970	1020	1104	1178	1199	502
35	828	874	910	968	930	564
45	609	626	605	632	606	480
55	408	408	387	400	396	360
65	237	242	229	243	247	234
75	99	99	94	108	106	110
85	17	22	23	25	21	26
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	79	79	79	79	77	77	77	74	74	74	74	66	66	66	66	66
1	73	70	68	66	71	69	67	66	64	62	62	57	57	57	57	57
2	67	62	58	55	65	61	57	59	56	53	49	45	45	45	45	45
3	62	55	50	47	60	54	50	52	49	45	42	39	37	37	37	37
4	57	50	44	40	55	49	44	47	43	39	37	34	32	32	32	32
5	53	45	39	35	51	44	39	43	38	34	32	29	29	29	29	29
6	49	40	35	31	48	40	35	39	34	30	29	26	26	26	26	26
7	45	37	31	27	44	36	31	35	31	27	26	23	23	23	23	23
8	42	34	28	25	41	33	28	32	28	24	23	21	21	21	21	21
9	40	31	26	22	39	31	26	30	25	22	21	19	19	19	19	19
10	37	29	24	20	36	28	23	28	23	20	19	17	17	17	17	17

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

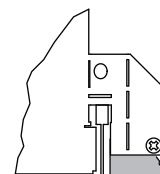
Vertical Angle	Horizontal Angle		
	0	45	90
55	2539	2408	2464
65	2002	1934	2086
75	1365	1296	1462
85	696	942	860

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

## Additional Information

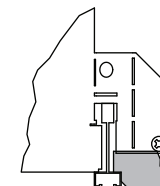
### Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

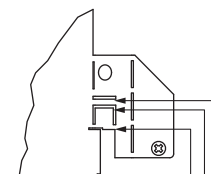


Slot T-Grid

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.