

Voice



Recessed

20"x2'

1 TT5 (55W)



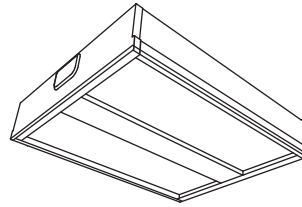
mesoOptics®



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			B155	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
Voice 20"x2'	NN Standard T-Grid	ST Standalone	1 TT5 (55W)	S Standard (22ga.)	1 1 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

☐

Job Pack

☐

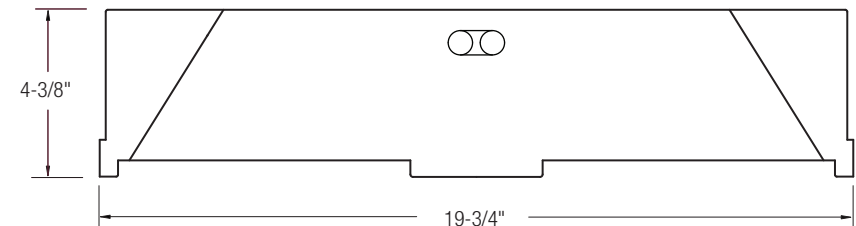
Flex Whip

☐

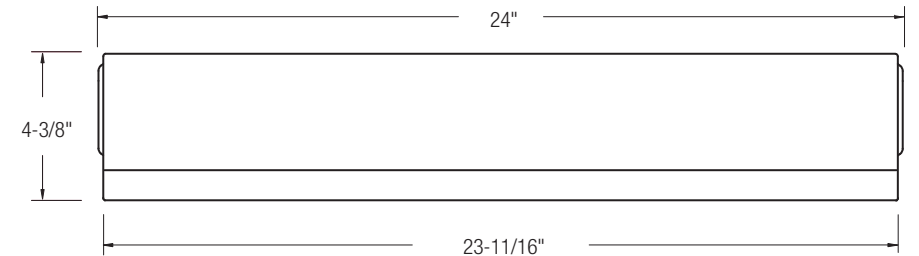
Response Daylight

For details visit www.ledalite.com/response

Cross Section



Side View

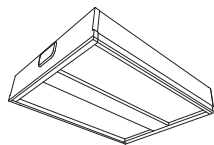


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Photometry

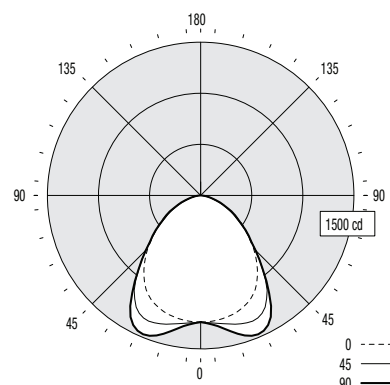
Report Summary

Report # 9901469
Filename 9852D1B155.ies
Efficiency 68%

Spacing Criteria 1.26 @ 0° along
1.42 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1240	1240	1240	1240	1240	
5	1236	1242	1253	1261	1267	123
15	1207	1237	1305	1363	1402	369
25	1135	1201	1324	1429	1461	602
35	967	1040	1135	1206	1169	691
45	732	766	761	792	759	592
55	500	499	477	494	486	441
65	292	298	270	301	285	286
75	117	123	114	134	121	132
85	22	27	24	33	26	31
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	81	81	81	81	79	79	79	75	75	75	75	68				
1	75	72	69	67	73	70	68	67	65	64	64	59				
2	69	64	59	56	67	62	58	60	57	54	50					
3	63	56	51	47	61	55	51	53	49	46	43					
4	58	50	45	41	57	50	44	48	43	40	37					
5	54	45	40	35	52	45	39	43	39	35	33					
6	50	41	35	31	48	40	35	39	34	31	29					
7	46	37	32	28	45	37	31	36	31	27	26					
8	43	34	29	25	42	34	28	33	28	25	23					
9	40	31	26	22	39	31	26	30	26	22	21					
10	38	29	24	20	37	29	24	28	23	20	19					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

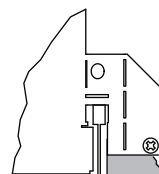
Vertical Angle	Horizontal Angle		
	0	45	90
55	3112	2969	3025
65	2466	2280	2407
75	1614	1572	1669
85	901	983	1065

IES files for this and other photometric options can be downloaded online at www.ledalite.com

Additional Information

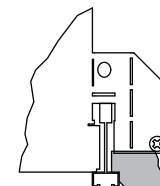
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

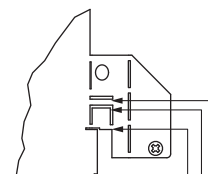


Slot T-Grid

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.