

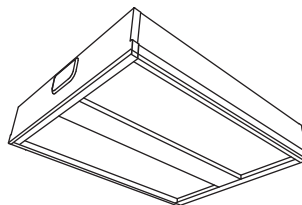
Voice



Recessed

20"x2'

2 T5HO



Project Name

Spec Type

Notes

Order Guide

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

9852			H224	-		-		-		-	
Product Series & Size Voice 20"x2'	Version NN Standard T-Grid	Configuration ST Standalone	Lamping 2 T5HO (24W)	Housing S Standard (22ga.)	Wiring 1 1 cct 5 1 cct w/ Battery Pack	Voltage 1 120V 2 277V 3 347V	Ballast 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.

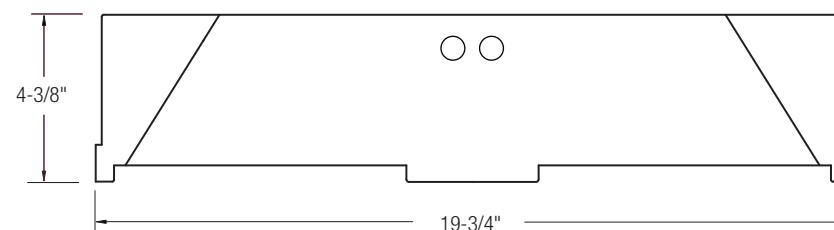
☐ Lamps Included

☐ Lamps Included & Installed

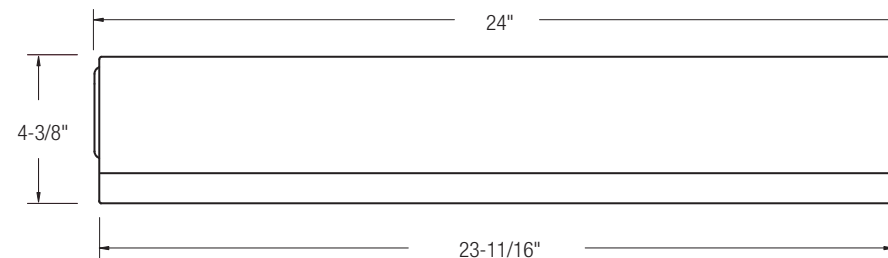
☐ Job Pack

☐ Flex Whip

Cross Section



Side View

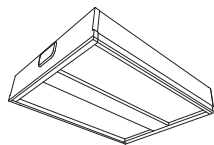


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Photometry

Report Summary

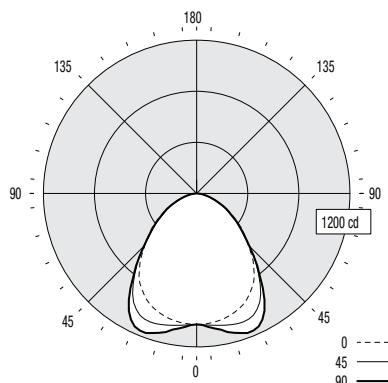
Report # 9901432
Filename 9852D1H224.ies
Efficiency 64.3%

Spacing Criteria 1.24 @ 0° along
1.37 @ 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	1026	1026	1026	1026	1026	
5	1022	1027	1035	1040	1049	101
15	991	1016	1063	1109	1130	301
25	922	966	1052	1128	1149	479
35	787	833	867	935	903	540
45	573	599	585	602	584	458
55	385	392	369	385	381	342
65	217	232	213	233	224	223
75	92	98	91	102	100	106
85	17	23	20	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	0
0 RCR	76	76	76	76	74	74	74	71	71	71	71	64	
1	71	68	65	63	69	66	64	64	62	60	55		
2	65	60	56	53	63	59	55	57	54	51	47		
3	60	53	49	45	58	52	48	51	47	44	41		
4	55	48	43	39	54	47	42	45	41	38	36		
5	51	43	38	34	49	42	37	41	37	33	31		
6	47	39	34	30	46	38	33	37	33	29	28		
7	44	36	30	26	43	35	30	34	30	26	25		
8	41	33	27	24	40	32	27	31	27	24	22		
9	38	30	25	21	37	30	25	29	24	21	20		
10	36	28	23	20	35	27	23	27	22	19	18		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

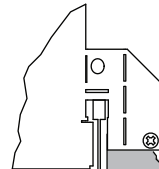
Vertical Angle	Horizontal Angle		
	0	45	90
55	2396	2296	2371
65	1833	1799	1892
75	1269	1255	1379
85	696	819	860

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

Additional Information

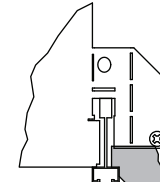
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

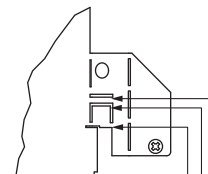


Slot T-Grid

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.