

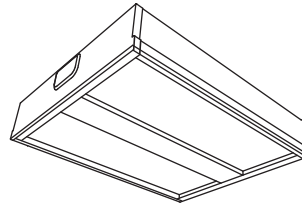
Voice



Recessed

20"x2'

1 TT5 (40W)



Project Name

Spec Type

Notes

Order Guide

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

9852				B140		-		-		-		-			
Product Series & Size		Version		Configuration		Lamping		Housing		Wiring		Voltage		Ballast	
Voice 20"x2'		NN Standard T-Grid		ST Standalone		1 TT5 (40W)		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.

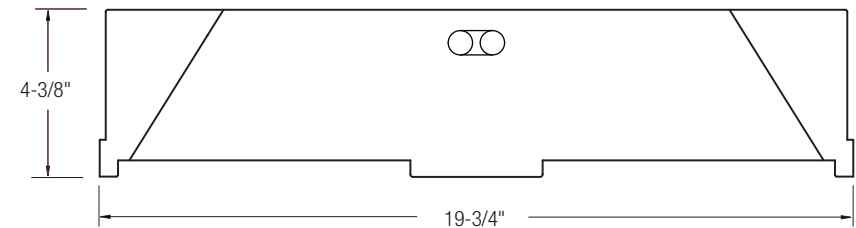
☐ Lamps Included

☐ Job Pack

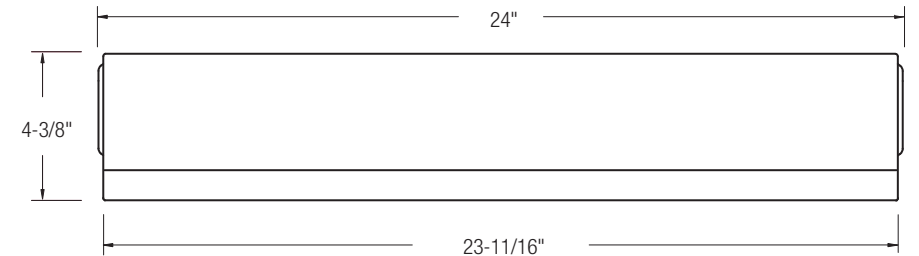
☐ Flex Whip

☐ Response Daylight
For details visit www.ledalite.com/response

Cross Section



Side View

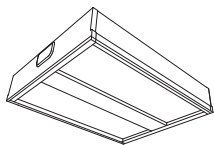


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Photometry

Report Summary

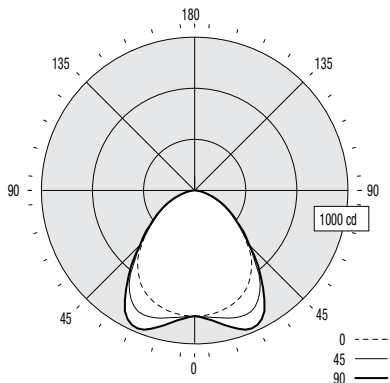
Report # 9901462
Filename 9852D1B140.ies
Efficiency 68.5%

Spacing Criteria 1.26 @ 0° along
1.42 @ 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	820	820	820	820	820	
5	818	822	829	834	840	81
15	796	817	863	906	923	244
25	745	790	872	947	969	398
35	643	696	746	791	779	457
45	480	507	501	524	504	392
55	333	328	313	329	322	292
65	192	192	180	198	192	188
75	79	80	76	88	80	87
85	15	18	16	20	17	21
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	76	76	76	76	68				
1	75	72	70	67	73	71	68	68	66	66	64	59				
2	69	64	60	56	67	63	59	60	57	54	50	50				
3	63	57	52	48	62	56	51	54	50	46	43					
4	58	51	45	41	57	50	45	48	44	40	38					
5	54	46	40	36	53	45	40	44	39	35	33					
6	50	41	36	31	49	41	35	40	35	31	29					
7	46	38	32	28	45	37	32	36	31	28	26					
8	43	34	29	25	42	34	29	33	28	25	23					
9	40	32	26	23	40	31	26	30	26	22	21					
10	38	29	24	21	37	29	24	28	24	20	19					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

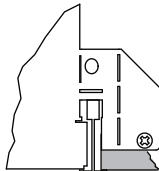
Vertical Angle	Horizontal Angle		
	0	45	90
55	2072	1948	2004
65	1622	1520	1622
75	1090	1048	1103
85	614	655	696

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

Additional Information

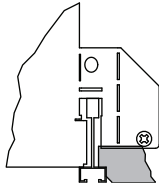
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

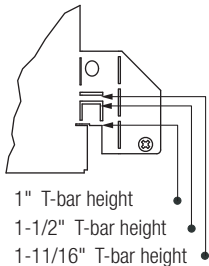


Slot T-Grid

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.