

KLEENSEAL TA™

Hermetically Sealed Top Access Only Fixture



Flanged Recessed Mounting Only.



FEATURES

- One piece, hole free overlap lens frame
- Lens sealed to frame
- Gasketed and hinged top access door
- Up to six adjustable hangar brackets
- Sealed fixture body
- National Sanitation Foundation certified
- Heat sunk ballasts

BENEFITS

- No penetration points for water or dust
- Withstands IP66, 26 gal/min hosedown
- No plenum dirt ingress
- Provides tighter fixture seal to ceiling
- Eliminates interior contamination
- Meets stringent clean-ability standards

APPLICATIONS

- Cleanrooms
- Food processing
- Pharmaceutical manufacturing
- Animal containment
- Cold storage
- Freezers

Specifications/Features

GENERAL

- Designed only for top access applications. Permanent attachment of the lens frame to the fixture eliminates all room side penetrations and gaskets allowing the lens and frame to be hermetically sealed to the fixture body.

HOUSING

- 20 ga. CRS, 2' x 4', 2' x 2' or 1' x 4'.
- 304 stainless available.
- NSF approved white baked powder coat finish.
- Top access door is fully gasketed with a piano hinge for easy access.
- Swing mounts adjust from top between 1-5/8" and 3".
- Four foot units have 6 swing arms mounts. 2x2 has four.
- Draw style latches. 2 on 2 ft. unit, 3 on 4 ft. unit.

LENS FRAME/LENS

- Overlap lens frame is one piece and hole free. Available in white powder coat CRS or 304 stainless steel.
- Lens frame is permanently attached and hermetically sealed to the fixture body.
- Lens is 125 acrylic prismatic with smooth side out. Optional lens available.



Gasketed overlap lens frame is pulled tight to ceiling by swing arm bracket.



Access to top of fixture from outside of room.

- Parabolic louver with clear underlay available for low glare applications.
- Lens is silicone sealed to frame and held in place with a permanent back plate. Assembly has passed an IP66 (26 gal/min) hose-down test with ETL on Guth's Bio-Seal troffer.
- Overlap frame has closed cell polyethylene perimeter gasket to seal against ceiling. Extruded hollow core silicone gasket optional – consult factory.

LISTINGS

- U.L. Listed, Wet Location — Covered Ceiling Only.
- NSF International.

ELECTRICAL

- Ballasts are fused HPF electronic.
- Optional ballasts available.
- All fixtures carry the IBEW Union label to ensure quality.

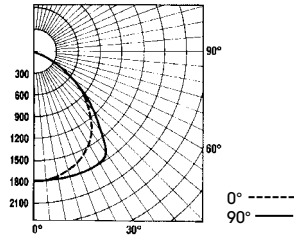


Photometrics

Coefficients of Utilization

1x4 2-32WT8 lamps - Cat nos. TFDC-A2F32-AP31

Ceiling Refl.	80%			50%			10%		
Wall Refl.	50	30	10	50	30	10	50	30	10
RCR	20% Effective Floor Cavity Reflectance								
1	.72	.70	.67	.68	.66	.64	.63	.61	.60
2	.64	.60	.57	.60	.57	.55	.56	.54	.52
3	.54	.52	.48	.54	.50	.47	.51	.48	.46
4	.51	.46	.42	.49	.44	.41	.46	.43	.40
5	.46	.41	.37	.44	.40	.36	.42	.38	.35
6	.42	.36	.32	.40	.35	.32	.38	.34	.31
7	.38	.33	.29	.37	.32	.28	.35	.31	.28
8	.35	.29	.26	.34	.29	.25	.32	.28	.25
9	.32	.27	.23	.31	.26	.23	.30	.26	.23
10	.30	.24	.21	.29	.24	.21	.27	.24	.21



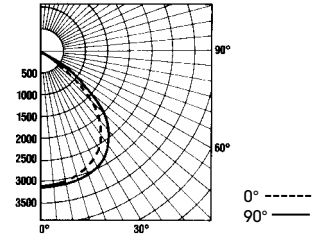
Report No. P10896

S/MH Ratio 1.4:1
Total Lamp Lumens 5,900
Fixture Efficiency 71%

Coefficients of Utilization

2x4 4-F32T8 lamps - Cat nos. TFDC-B4F32-AP31

Ceiling Refl.	80%			50%			10%		
Wall Refl.	50	30	10	50	30	10	50	30	10
RCR	20% Effective Floor Cavity Reflectance								
1	.78	.76	.74	.74	.72	.71	.66	.66	.66
2	.70	.66	.63	.67	.64	.61	.58	.58	.58
3	.63	.58	.54	.60	.56	.53	.50	.50	.50
4	.57	.51	.47	.54	.50	.46	.44	.44	.44
5	.51	.45	.41	.49	.44	.40	.38	.38	.38
6	.46	.40	.36	.44	.39	.36	.34	.34	.34
7	.42	.36	.32	.40	.35	.32	.30	.30	.30
8	.38	.33	.29	.37	.32	.29	.27	.27	.27
9	.35	.30	.26	.34	.29	.26	.24	.24	.24
10	.33	.27	.23	.31	.27	.23	.22	.22	.22



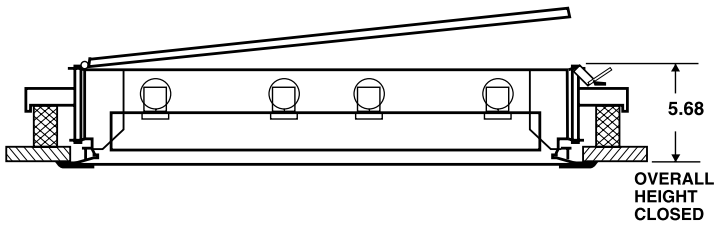
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S/MH Ratio 1.2:1
Total Lamp Lumens 11,800
Fixture Efficiency 76%

Dimensions

CEILING CUT DIMENSIONS	
2' x 4'	24.125" x 48.125"
2' x 2'	24.125" x 24.125"
1' x 4'	12.125" x 24.125"

TROFFER SIZE	OUTSIDE DIMENSIONS OF LENS FRAME
2' x 2'	25.25" X 25.25"
1' x 4'	12.25" X 49.25"
2' X 4'	25.25" X 49.25"



Kleenseal TA™ Catalog Numbers

TF DC B 4 - F32 - AP3 2

SERIES
TF

MATERIAL
DC - CRS
DD - 304 SS FRAME
HH - 304 SS

SIZE
A - 1x4
B - 2x4
C - 2x2

NUMBER OF LAMPS
2 - 2 Lamp
3 - 3 Lamp
4 - 4 Lamp (NA F85)
6 - Lamp - Consult Factory

VOLTAGE
1 - 120
2 - 277
3 - 347

LENS
AP3 - .125 Acrylic Prismatic.
C73 - Prismatic Tempered Glass
VPL - Sealed Parabolic Louver
Other Lens Available

LAMP TYPE
F17 - F17T8
F32 - F32T8
F85 - F48T8VHO
U31 - F31T8U
U32 - F32T8U/6
F14 - F14T5
F28 - F28T5
F54 - F54T5HO
B40 - F40BX

Options

- "/FF" - Fast Acting Fixture Fuse, Buss GLR
- "/SFF" - Slow Blow (Fusetron) Fuse, Buss GMF
- "/0 Deg." - 0 Deg. operation
- "/DN" - For Prisms down. Fixtures standard with Prisms up.
- "/BEF" - Battery Operated Emergency System (Bodine B70). Not UL labeled for Wet Location.
- "/2EB" - 2 Electronic Ballasts

Guth utilized the services of U.L. and ETL for listing products. Specifications and data are subject to change without notice.