

STEELTITE™ COMPACT FLUORESCENT

For Food Processing, Marine and Hazardous Areas



FEATURES

- Highest lumen package
- 2 or 4 foot
- Seamwelded stainless steel housing (CRS optional)
- Hosedown
- Listed for hazardous locations
- NSF International

BENEFITS

- Withstands corrosive environments
- Smooth body design stays clean
- Requires less fixtures

APPLICATIONS

- Food processing
- Cosmetics manufacturing
- Chemical plants
- Petrochemical
- Dairy industry
- Salt water environment
- Waste water treatment

Specifications/Features

GENERAL

- Housing and lens frame are built in such a way that there are no crevices, ledges or latches which could harbor environmental or biological contaminants. Especially suited to sanitary environments such as those found in the food and beverage processing industry.
- The fixture may be cleaned easily with a simple wipe down or hose-down.
- Fixture may be hosed down with 150 lbs./sq. in. water pressure from a 3/8" streaming nozzle at 10 ft. from any direction without leaking.
- Available in CRS or 304L and 316L grades stainless for excellent resistance to corrosion.
- Completely seam-welded construction.

CONSTRUCTION

- Built of 18 ga. CRS, 304L stainless or 316L stainless as specified.
- All seams are continuously welded to ensure an impervious seal.
- CRS and 304L stainless units supplied with 3/4" cast zinc conduit hub. 316L stainless units supplied with machined, 3/4" stainless steel hubs for the ultimate in corrosion resistance.

DOOR FRAME/LENS

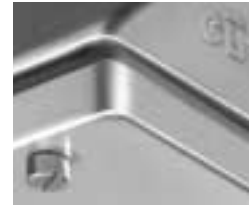
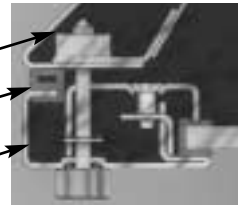
- Lens frame forms an air-tight seal with the housing. Note that the fixture uses open conduit as the means to relieve pressure build-up on the inside during lamp cycling.
- The lens frame is secured to housing by 6 stainless captive screws.
- Screws clamp lens frame to housing with over 20 lbs. of force per linear inch when tightened to 15 in./lbs. of torque.

No Leaks

No Latches

No Crevices

No Ledges



Triple gasket system consists of continuous, extruded hollow core, 260°C rated silicone gaskets for the lens to frame.

All lens frame and ballast compartment hardware is captive to ease installation.

- All gaskets around lens frame of low-compliance high temperature silicone.
- Lens frame screws are sealed with fluorocarbon captive O-ring gaskets.
- 3/16" Clear Tempered Glass. Polycarbonate and Acrylic optional.

LISTINGS

- UL 844 Class 1, Division 2, Groups A,B,C and D; Class 2, Division 2, Group G; Class 3. Temperature code is T4.
- NSF International.
- UL 595 Marine Outdoor.
- 25°C listed in USA and Canada.

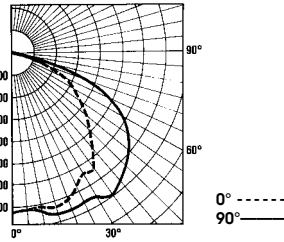
ELECTRICAL

- 3/4" conduit hubs installed for power feed.
- All fixtures carry the IBEW Union label to ensure quality.
- B40: Electronic, IS, 0°F, 10% THD.

Photometrics

Coefficients of Utilization
2 Lamp, 40W Compact Fluorescent ST6-4G4B40-1

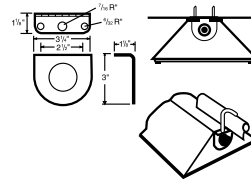
Ceiling Refl.	80%			50%			10%		
Wall Refl.	50	30	10	50	30	10	50	30	10
RCR	20% Effective Floor Cavity Reflectance								
1	.86	.83	.80	.81	.79	.76	.75	.73	.72
2	.76	.70	.66	.71	.67	.63	.66	.63	.61
3	.67	.60	.55	.63	.58	.53	.59	.55	.52
4	.59	.52	.46	.56	.50	.45	.52	.48	.44
5	.51	.44	.38	.49	.42	.38	.45	.41	.37
6	.46	.38	.33	.43	.37	.32	.41	.36	.32
7	.41	.33	.28	.39	.32	.28	.36	.31	.27
8	.36	.29	.24	.35	.28	.24	.32	.27	.23
9	.32	.25	.21	.31	.25	.20	.29	.24	.20
10	.29	.22	.18	.28	.22	.18	.26	.21	.18



Report No.
P11429D

S/MH Ratio 1.6:1
Total Lamp Lumens 12,600
Fixture Efficiency 82.1%

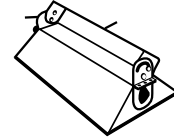
DIRECT TO CEILING MOUNT "-MB"



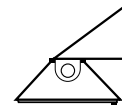
ADJUSTABLE BRACKETS KIT "-MB"



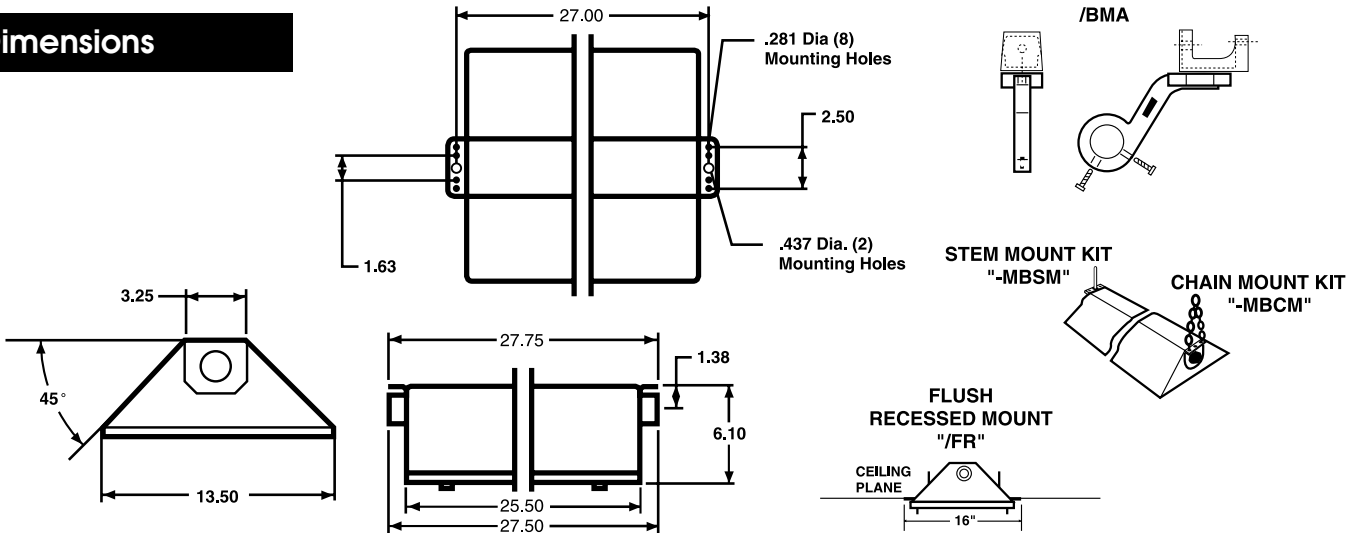
YOKE MOUNT KIT "-MBYM"



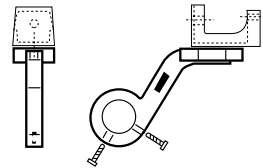
WALLMOUNT "-MB90"



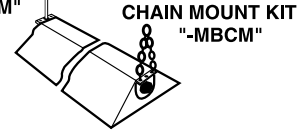
Dimensions



BEAM CLAMP ADAPTOR /BMA

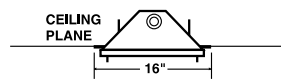


STEM MOUNT KIT "-MBSM"



CHAIN MOUNT KIT "-MBCM"

FLUSH RECESSED MOUNT "-FR"



Steelite™ Compact Fluorescent Catalog Numbers

ST6 - 4 - G - 2 - B40 - 1

CONSTRUCTION

6 - 316 Stainless Steel
4 - 304 Stainless Steel
P - Painted Cold Rolled Steel

LENGTH

4 - 4' nominal
2 - 2' nominal

VOLTAGE

1 - 120
2 - 277
3 - 347

LAMP TYPE

B40 - 40W Compact Fluorescent

NO. OF LAMPS

4 - 4 Lamp
2 - 2 Lamp
1 - 1 Lamp

LENS TYPE

G - 3/16" Tempered Glass
P - 3/16" Polycarbonate
A - 3/16" Acrylic

Options

- "/FF" - Fast Acting Fixture Fuse, Buss GLR
- "/SFF" - Slow Blow (Fusetron) Fuse, Buss, GMF
- "0/Deg." - 0 Deg. Operation
- "/BCA" - **Beam Clamp Adapter
- "/MB" - **Direct Ceiling Mount
- "/MBYM" - **Yoke Mount Kit
- "/MBAB" - **Adjustable Brackets Kit
- "/MBSM" - Stem Mount (includes 36" Stainless Steel Stems)
- "/MBCM" - Chain Mount (includes 2 Stainless Steel Brackets and 26" Chains)
- "/MB90" - Wall Mount
- "/FR" - Flange Recessed Mount

**MARINE LISTING REQUIRES ONE OF THESE MOUNTING METHODS.

NOTE: HAZARDOUS LISTING WITH CONDUIT MOUNTING ONLY.

ALL STEELITE INCLUDE HUBS SUITABLE FOR CONDUIT MOUNTING.

Project Name:

Type	Catalogue Number	Lamp	Comments

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

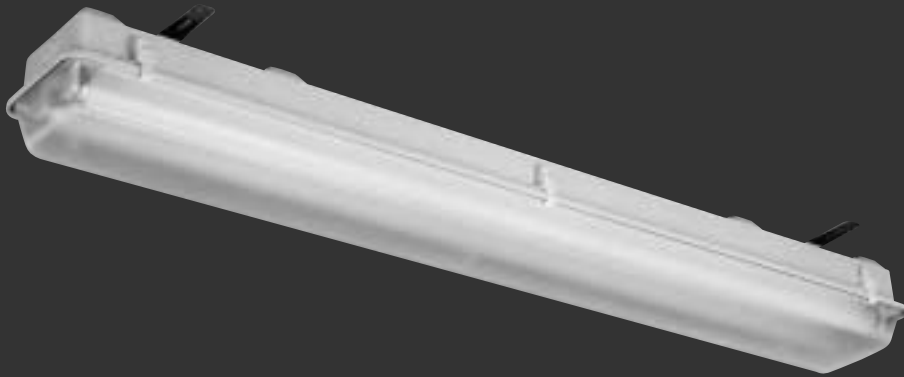
GUTH

a GENLYTE company

F 17
R7/07

DURACLAMP WITH OPTIONAL "VISION+" OPTICS

Fiberglass Fluorescent Luminaire For Corrosive or Wet Locations



FEATURES

- High lumen package
- NSF International
- Fiberglass housing
- Wet location
- "Vision+" Optics
- 2, 4 & 8 foot designs
- Optional polycarbonate lens

BENEFITS

- Requires less fixtures
- Toolless entry
- Corrosion resistant
- Resists abuse
- 23% increase in efficiency

APPLICATIONS

- Food processing
- Showers
- Wastewater treatment
- Kitchens
- Canopies
- Paper mills

Specifications/Features

GENERAL

- Composite housing wet location fluorescent.
- High quality gasket molded into housing.

CONSTRUCTION

- One piece molded fiberglass housing; available in 2', 4', or 8'.
- Permanent white pigment molded into fiber glass.
- Conduit entries provided in both ends; 7/8" Dia.; sealed with plastic closure plug.
- Celcon plastic latches are standard. Optional with polycarbonate, stainless steel or celcon tamper resistant.
- One piece closed cell polyurethane gasket molded into edge of housing — no tape gasket to pull apart.
- Threaded stud in back of housing provided to support fixture — optional stainless steel mounting bracket available.

LENS/OPTICS

- Acrylic, pebbled lens standard; optional pebbled DR acrylic or polycarbonate clear prismatic with smooth exterior finish available.
- Vision+ parabolic reflector provides a 40% increase in illumination directly under the fixture. Increases 0-40 degree output 18%. Choose option VPR.

LISTINGS

- Listed, Wet Locations.
- NSF International.
- Listed in U.S.A. and Canada.



One piece closed cell polyurethane gasket permanently molded into edge of housing.



Optional SS mounting bracket attaches to back of housing with integral threaded studs.

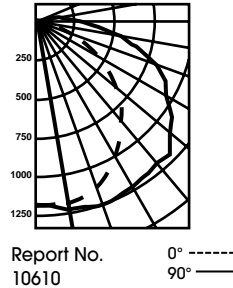
ELECTRICAL

- Rapid start, high output, T-8 and compact fluorescent available.
- Electronic ballasts standard.
- All fixtures carry the IBEW Union label to ensure quality.
- T8: Electronic, IS, 0°F, 10% THD.
- T5: Electronic, PS, 0°F, 10% THD.

Photometrics

Coefficients of Utilization
2 Lamp, 32W T8, DC4 2F32/120 Shallow Lens

Ceiling Refl.	80%				50%				10%				
	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR	20% Effective Floor Cavity Reflectance												
1	.96	.96	.96	.96	.89	.89	.89	.80	.80	.80	.80	.80	.80
2	.86	.81	.77	.73	.75	.72	.69	.67	.65	.63			
3	.77	.69	.63	.58	.64	.59	.55	.58	.54	.51			
4	.70	.60	.53	.47	.56	.50	.45	.50	.46	.42			
5	.64	.53	.45	.39	.49	.43	.38	.44	.40	.36			
6	.58	.47	.39	.33	.43	.37	.32	.40	.35	.31			
7	.54	.42	.34	.29	.39	.33	.28	.36	.31	.27			
8	.50	.38	.30	.25	.35	.29	.24	.32	.27	.23			
9	.46	.34	.27	.22	.32	.26	.22	.30	.25	.21			
10	.43	.31	.24	.20	.30	.23	.19	.27	.22	.19			
11	.40	.29	.22	.18	.27	.21	.17	.25	.20	.17			

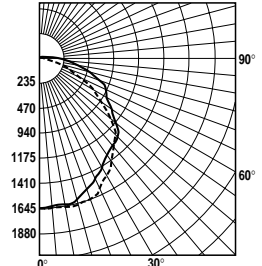


Report No. 10610
0° -----
90° -----

S/MH Ratio 1.5/1.0
Total Lamp Lumens 5,900
Fixture Efficiency 81.7%

Coefficients of Utilization - "Vision+" Optics
2 Lamp, 32W T8 DC4-2F32-VPR

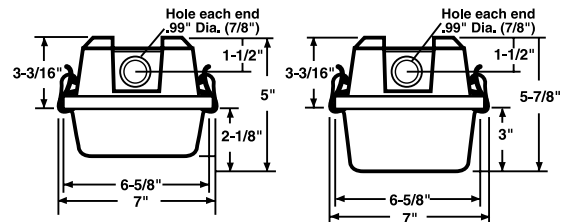
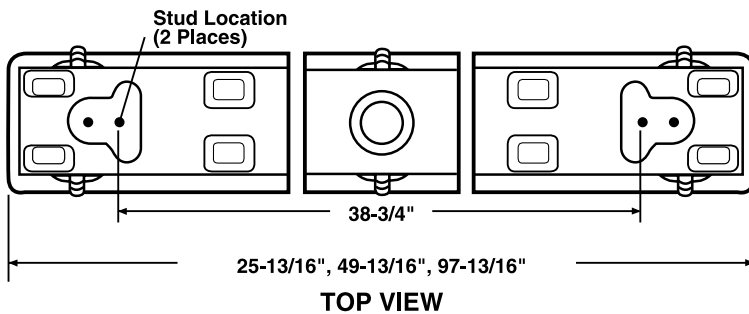
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4	.56	.49	.44	.53	.47	.43	.49	.45	.41
5	.50	.43	.38	.47	.41	.37	.43	.39	.35
6	.45	.38	.33	.42	.36	.32	.39	.34	.31
7	.40	.33	.28	.38	.32	.28	.35	.31	.27
8	.36	.29	.25	.34	.28	.24	.32	.27	.24
9	.32	.26	.21	.31	.25	.21	.29	.24	.20
10	.30	.23	.19	.28	.22	.19	.26	.21	.18



Report No. P11475-2
0° -----
90° -----

S/MH Ratio 1.2/1.1
Total Lamp Lumens 5,800
Fixture Efficiency 79.4%

Dimensions



For 4ft. H.O. and all 8 ft. units

Duraclamp Catalog Numbers

DC4 - 2 F32 - 1 - EB

LENGTH
2 - 2'
4 - 4'
8 - 8'

VOLTAGE
1 - 120
2 - 277
3 - 347

NUMBER OF LAMPS
1 - 1 Lamp
2 - 2 Lamp
3 - 3 Lamp
4 - 4 Lamp

LAMP TYPE
F17 - F17 T8
F32 - F32 T8
B40 - FT40/2G11
F59 - F96 T8
F60 - F48 T12/HO
F86 - F96 T8/HO
F54 - F54 T5/HO

Options

- "/FF" - Fast Acting Fixture Fuse, Buss GLR
- "/SFF" - Slow Blow (Fusetron) Fuse, Buss GMF
- "/DR" - For DR Acrylic Pebbled Lens
- "/PC" - For Polycarbonate Clear Prismatic Lens
- "/TP" - For tamper resistant latches
- "/PLY LATCH" - Celcon latch standard, for polycarbonate latch
- "/MB" - For mounting bracket
- "/BEF" - For Bodine B-70 Battery Emergency System - Damp location only
- "/0°" - For 0° ballast 4' and 8' Deep Channel/40W T-12 and Slimline
- "/-20°" - Consult factory for T5H0/T8 Ballast
- "/SS-LATCH" - For stainless steel latch
- "/VPR" - "Vision+" High Efficiency T8 Lamp Reflector

Project Name:

Type	Catalogue Number	Lamp	Comments