

# DURASEAL – Optional NSF – 40°C Listing – -20°F Operation

**IP65/67 Dust-Tight - Waterproof - Vandal Resistant**



**Freezer & Chilled Storage**

## FEATURES

- 1400 - 30,000 lumens
- 2', 4' & 8' fiberglass housings
- Narrow Beam Task Optics
- -20° F Starting with T5 & T8 lamps
- Flexible Impact Resistant Lens
- Optional S.S. Cord Grip
- Moveable SS hanger straps
- Optional Spring Loaded Sockets

## BENEFITS

- Less fixtures
- Corrosion resistant
- Mounting high or low
- Use anywhere
- Cool - Longer lived components
- Sheds dirt
- Lowest operating cost
- Easy installation

## APPLICATIONS

- Food & Beverage Plants
- Exterior Areas
- Wastewater Treatment
- Schools - indoors and outside
- Parking garages & tunnels
- -20° Freezers and storage
- Animal Containment
- Inspection & quality control

## Specifications/Features

### GENERAL

- Affordable specification grade wrap-around
- Optional occupancy sensors or switching

### CONSTRUCTION

- One piece glass reinforced white fiberglass housing
- 1/2" conduit entries in both ends
- Tool free polycarbonate latches standard, SS optional
- Optional captive Stainless Steel latch
- Closed cell, high temperature poured in place gasket
- Includes moveable stainless steel hanger bracket
- IP-65 - dust tight and suitable for heavy wash-down
- IP-67 - dust tight and suitable for temporary immersion
- Tethered gear tray allows field ballast replacement

### LENS/OPTICS

- Precise injection molded lenses (except 2' and 4' narrow)
- Impact resistant acrylic or polycarbonate optics
- Vision+ specular reflector - more light under the fixture
- 90% + Lumens at -20°F (3-T5HO or 2-T8VHO)

### LISTINGS

- US & Canadian ETL Wet Location Listed up to 40°C
- European IEC listed for IP-65 & IP67
- UL5VA nonflammable housing
- Housing UL746C Listed for outdoor use

### ELECTRONIC BALLASTS

- T8 - instant start design with 20% THD - up to -20°F starting
- T5 - programmed start with 10% THD - up to -20°F starting



**Potato Chip Manufacturing Facility**



**Garden Centers**

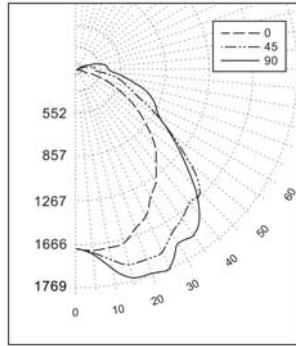


**Covered Parking Structure - Up to -20° F starting**

## Photometrics

2 Lamp F54 T5HO - C  
DS4-A-2F54

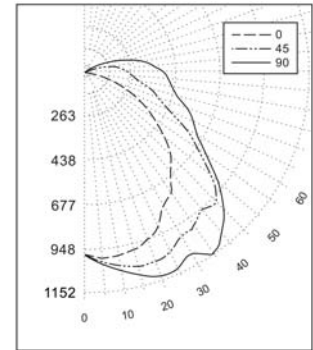
Ceiling Refl.	80%			50%			10%		
	50	30	10	50	30	10	50	30	10
Wall Refl.	50	30	10	50	30	10	50	30	10
RCR	20% Effective Floor Cavity Reflectance								
0	.89	.89	.89	.81	.81	.81	.73	.73	.73
1	.75	.71	.67	.68	.65	.63	.61	.59	.57
2	.64	.58	.53	.58	.54	.50	.53	.49	.46
3	.55	.49	.43	.51	.45	.41	.45	.42	.38
4	.49	.41	.36	.45	.39	.34	.40	.36	.32
5	.43	.36	.30	.40	.34	.29	.36	.31	.28
6	.39	.31	.26	.36	.30	.25	.32	.28	.24
7	.35	.28	.23	.32	.26	.22	.29	.25	.21
8	.32	.25	.20	.29	.24	.20	.27	.22	.19
9	.29	.22	.18	.27	.21	.17	.25	.20	.17



S/MH 1.7 Across  
Lamp Lumens 10,000  
Fixture Efficiency 75.6%

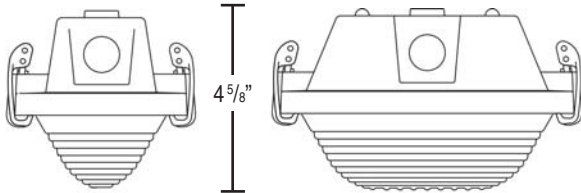
2 Lamp F32 T8  
DS4-A-2F32

Ceiling Refl.	80%			50%			10%		
	50	30	10	50	30	10	50	30	10
Wall Refl.	50	30	10	50	30	10	50	30	10
RCR	20% Effective Floor Cavity Reflectance								
0	.83	.83	.83	.76	.76	.76	.67	.67	.67
1	.71	.68	.65	.65	.62	.60	.57	.56	.54
2	.62	.57	.52	.56	.53	.49	.50	.47	.45
3	.55	.48	.44	.50	.45	.41	.44	.41	.38
4	.48	.42	.37	.44	.39	.35	.39	.36	.33
5	.42	.36	.31	.39	.34	.29	.35	.31	.28
6	.38	.31	.27	.35	.29	.25	.31	.27	.24
7	.34	.27	.23	.31	.26	.22	.28	.24	.21
8	.30	.24	.20	.28	.23	.19	.25	.21	.18
9	.27	.21	.17	.25	.20	.16	.22	.18	.15

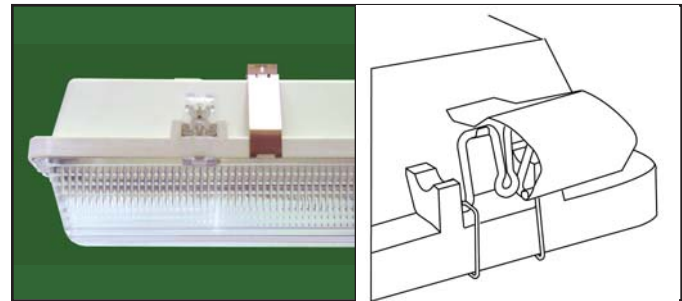


S/MH 1.7 Across  
Lamp Lumens 6000  
Fixture Efficiency 71.4%

## Dimensions - Lens - IP Rating - 40°C



Width	4"	4"	6.8"	6.8"	6.8"
Length	2'	4'	2'	4'	8'
Lamps	1	1	2, 3	2, 3	2, 3, 4, 6
Lens	- P ONLY -		A or P		A ONLY
IP	- IP 65 -		- IP 67 -		
40°C	NA	1-F32/F54	NA	2-F32/F54	4-F32/F54



Fixture Snaps into moveable  
SS hanger

SS Keeper prevents loss of  
latch. Use for food processing.



Flexible, vandal resistant polycarbonate lens

## Duraseal Catalog Numbers

<b>DS</b>	<b>4</b>	<b>A</b>	<b>2</b>	<b>F54</b>	<b>1</b>
Length					Voltage
2 - 2'					1 - 120 Volt
4 - 4'					2 - 277 Volt
8 - 8'					3 - 347 Volt
Lens (See Dimensions)					Lamps
P - Polycarbonate (except 8')					F17 - F17T8
A - Impact resistant acrylic					F32 - F32T8
					F44 - F44T8HO
					F48 - F48T8VHO
					F86 - F96T8HO
					F28 - F28T5
					F54 - F54T5HO
Number of Lamps					
1 - 1 Lamp					
2 - 2 Lamp					
3 - 3 Lamp (See Note 1)					
4 - 4 Lamp					
6 - 6 Lamp (See Note 1)					

Note - Amalgam T5HO-C & T8VHO provide 90% lumens from  
40° F - 150° F.

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

## Options

- "/SSK" - SS keeper latch (food plants)
- "/VPL" - Vision+, Specular Reflector (Narrow beam optics)
- "/HEB" - High light output F32T8 ballast (1.2 ballast factor)
- "/DIM" - Dimming Ballast - consult factory
- "/OS" - Occupancy sensor (above 17° F)
- "/OS-LT" - High Humidity Occupancy Sensor (-40° F)
- "/BEF" - Bodine B-70 Battery Emergency System (25°C)
- "/CDPL120" - 6' cord & 120V plug (for damp locations only)
- "/PT" - 6' pigtail (for wet locations)
- "/WLP" - 6' cord, wet location plug and receptacle
- "/CH" - 47" SS chain mount
- "/40C" - 40°C Listing. See Dimensions above.
- "/N" - National Sanitation Foundation Certification (N.A. with OS, OS-LT)
- "/SSCG" - Stainless Steel Cord Grip
- "/SLSKT" - Spring Loaded Socket
- "/SSK" - SS keeper latch (food plants)
- "/-20° F" - -20°F Start Electronic Ballast

Notes: 1. Consult factory for fixture temperature limitations.  
2. All latches holed for tamper resistant set screws.

## Project Name:

Type	Catalogue Number	Comments

**GUTH**

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