

DIRECT/INDIRECT SHALLOW

DISH

SUBMITTAL:

2x4

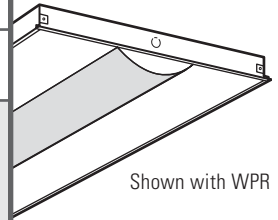
JOB:

TYPE:

VOLTAGE:

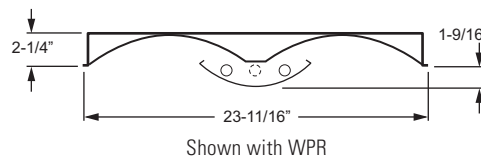
EXAMPLE → **DISH G - S 2 4 - 2 54T5H - WPR - OPTIONS - EB2 - UNV**

SERIES CEILING TYPE FIX. STYLE NOM. W. NOM. L. TOTAL LAMPS WATTAGE/TYPE SHIELDING OPTIONS/ACCESSORIES BALLAST TYPE VOLTAGE



FEATURES

- ▶ 2-1/4" fixture depth makes an ideal choice for applications with minimal plenum depth.
- ▶ Choice of baskets include full round, split round, and round with a center acrylic accent.
- ▶ Gently curved basket extends below the ceiling plane to provide uniform light distribution and subtle illumination of walls and ceilings.
- ▶ Swing-down basket for easy access to the electrical components.
- ▶ Reflectors are easily removed for access to the electrical when multiple ballasts are specified.
- ▶ Up to three T5 lamps in cross-section for a variety of applications/illumination levels.
- ▶ This fixture is proudly made in the USA.



SPECIFICATIONS

Housing – 22-gauge die-formed C.R.S.
Reflector – Precision die-formed C.R.S. with highly reflective non-glare matte white polyester powder coated finish.
Shielding – Die-formed C.R.S., 50% open perforation, white polyester powder coated diffuser with matte white acrylic overlay.
Finish – Highly reflective non-glare matte white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
Electrical – Electronic ballast standard, program start T5, rated Class P.
Mounting – NEMA Type "G" standard. For flange installations use the Drywall Kit (DFK), ordered separately, see [Technical Info](#).
Labels – UL/CUL listed as recessed fluorescent luminaire suitable for dry or damp locations. City of Chicago Environmental Air approved when specified with CP option.

ORDERING INFORMATION

SERIES

DISH Direct/Indirect Shallow

CEILING TYPE

G NEMA Type "G"
 For flange installations use the Drywall Kit (DFK), ordered separately, see [Technical Info](#).

FIXTURE STYLE

S Static, no air capability

NOMINAL WIDTH

2 2'

NOMINAL LENGTH

4 4'

TOTAL LAMPS

1, 2, or 3

LAMP WATTAGE/TYPE

28T5S 4', 28-watt T5
54T5H 4', 54-watt T5HO

SHIELDING

See back for shielding details.

WPR White perforated round
WPR/SPLIT White perforated round with split
WPR/ACRY/CTR/CLR White perforated round with center clear acrylic (consult factory for additional colors)
WPR/DUSTCOVER White perforated round with dust and debris cover

OPTIONS/ACCESSORIES

For generic EM ballast options (must specify voltage), see [Technical Info](#).

EQCLIPS Earthquake clips (4 per fixture)
CP Chicago Plenum (CCEA)

BALLAST TYPE

EB1 1-lamp electronic ballast
EB2 2-lamp electronic ballast
EB3 3-lamp electronic ballast

VOLTAGE

120 120V
277 277V
UNV 120-277V
347 347V

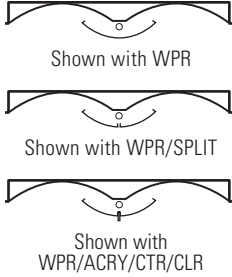


2x4

PHOTOMETRY INFORMATION

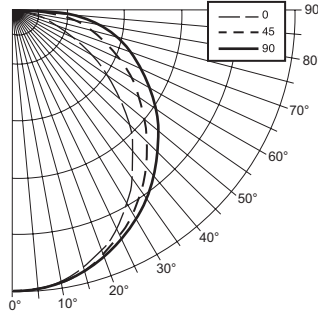
Catalog #: DISHG-S24-254T5H-WPR

SHIELDING OPTIONS



TEST REPORT INFORMATION

- ▶ Test Report #: 12900.0
- ▶ Date: 12/13/05
- ▶ Lamp Type: FP54T5HO/835
- ▶ Lamp Quantity: 2



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	2243.	2243.	2243.	
5°	2230.	2240.	2233.	213.3
15°	2130.	2158.	2163.	609.7
25°	1940.	2000.	2030.	922.8
35°	1665.	1785.	1853.	1111.7
45°	1320.	1515.	1640.	1160.2
55°	918.	1235.	1398.	1074.9
65°	535.	948.	1143.	888.7
75°	240.	660.	860.	643.3
85°	48.	335.	493.	334.1
90°	0.	63.	115.	

ZONAL CAVITY COEFFICIENTS

	Ceiling			Wall			Floor			
	.80	.70	.50	.80	.70	.50	.80	.70	.50	
Room Cavity Ratio	0	.83	.83	.83	.81	.81	.81	.77	.77	.77
1	.75	.72	.69	.73	.70	.67	.67	.65	.62	
2	.68	.62	.57	.67	.61	.56	.59	.55	.51	
3	.62	.55	.49	.61	.54	.48	.52	.47	.43	
4	.57	.49	.42	.56	.48	.42	.46	.41	.37	
5	.52	.43	.36	.51	.42	.36	.41	.35	.31	
6	.48	.38	.32	.47	.38	.32	.36	.31	.27	
7	.44	.34	.28	.43	.34	.28	.33	.27	.23	
8	.41	.31	.25	.39	.30	.25	.29	.24	.20	
9	.37	.28	.22	.36	.27	.22	.26	.21	.18	
10	.35	.25	.19	.34	.25	.19	.24	.19	.16	

Effective Floor Cavity Reflectance = .20

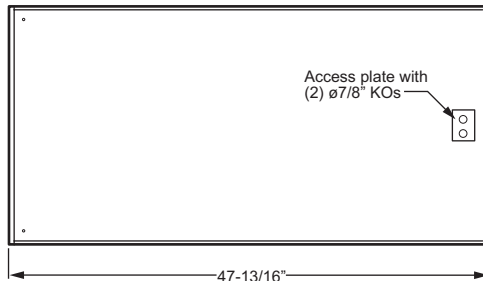
LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1746.	17.5	25.1
0 - 40	2858.	28.6	41.0
0 - 60	5093.	50.9	73.1
0 - 90	6959.	69.6	99.9
Total Luminaire:			
0 - 180	6968.	69.7	100.0

Total Luminaire Optical Efficiency: **69.7%**
 IES Spacing Criteria: End = 1.2
 Diagonal = 1.3
 Across = 1.3

FIXTURE DETAILS

BACKVIEW



DUSTCOVER OPTION

