

DIRECT/INDIRECT SHALLOW – AIR RETURN

DISH

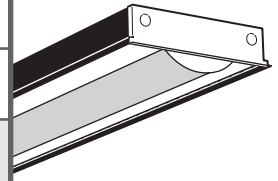
SUBMITTAL:

1x4

JOB:

TYPE:

VOLTAGE:



EXAMPLE

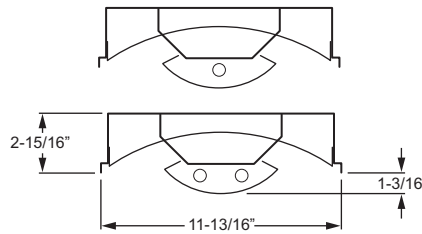
DISH G - AR 1 4 - 2 54T5H - WPR - OPTIONS - EB2 - UNV

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



FEATURES

- ▶ Fixture depth of less than 3" makes the DISH an ideal choice for applications with minimal plenum depth.
- ▶ Black reveal minimizes appearance of dirt and dust resulting from air return function.
- ▶ 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.
- ▶ One-piece reflector is easily removed for access to the electrical.
- ▶ Ballast secured by two captive bolts and nuts to ensure a tight, reliable fit for maximum heat dissipation.
- ▶ 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".
Labels – UL/CUL listed as recessed fluorescent luminaire suitable for dry or damp locations.

ORDERING INFORMATION

SERIES	DISH Direct/Indirect Shallow–Air Return
CEILING TYPE	G NEMA Type "G"
FIXTURE STYLE	AR Air return only (through side slots)
NOMINAL WIDTH	1 1'
NOMINAL LENGTH	4 4'
TOTAL LAMPS	1 or 2
LAMP WATTAGE/TYPE	28T5S 4', 28-watt T5 54T5H 4', 54-watt T5HO

SHIELDING	WPR White perforated round WPR/DUSTCOVER White perforated round with dust and debris cover
OPTIONS	For generic EM ballast options (must specify voltage), see Fluorescent Information section. EQCLIPS Earthquake clips (4 per fixture)
BALLAST TYPE	EB1 1-lamp electronic ballast EB2 2-lamp electronic ballast
VOLTAGE	120 120V 277 277V UNV 120-277V 347 347V

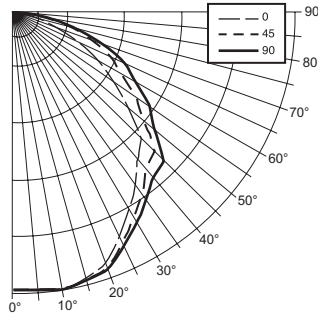
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PHOTOMETRY INFORMATION

Catalog #: **DISHG-AR14-254T5H-WPR**

TEST REPORT INFORMATION

- ▶ Test Report #: 15390.0
- ▶ Date: 04/28/06
- ▶ Lamp Type: FP54T5HO
- ▶ Lamp Quantity: 2



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	2124.	2124.	2124.	
5°	2123.	2123.	2122.	202.6
15°	2099.	2114.	2122.	598.8
25°	1898.	1944.	1972.	897.8
35°	1608.	1687.	1745.	1057.2
45°	1355.	1494.	1595.	1150.6
55°	927.	1122.	1241.	991.4
65°	556.	801.	922.	770.0
75°	256.	449.	501.	448.4
85°	52.	123.	180.	135.0
90°	9.	71.	165.	

ZONAL CAVITY COEFFICIENTS

	Ceiling	.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	.75	.75	.75	.73	.73	.73	.70	.70	.70
	1	.69	.66	.63	.67	.64	.62	.62	.60	.58
	2	.63	.58	.54	.61	.57	.53	.54	.51	.48
	3	.57	.51	.46	.56	.50	.46	.48	.44	.41
	4	.53	.45	.40	.51	.45	.40	.43	.39	.35
	5	.48	.40	.35	.47	.39	.34	.38	.33	.30
	6	.44	.36	.30	.43	.35	.30	.34	.29	.26
	7	.41	.32	.27	.40	.32	.26	.31	.26	.23
	8	.37	.29	.23	.36	.28	.23	.28	.23	.20
	9	.34	.26	.21	.33	.25	.20	.25	.20	.17
	10	.32	.23	.18	.31	.23	.18	.22	.18	.15

Effective Floor Cavity Reflectance = .20

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1699.	17.0	27.1
0 - 40	2756.	27.6	44.0
0 - 60	4898.	49.0	78.2
0 - 90	6252.	62.5	99.8
Total Luminaire:			
0 - 180	6265.	62.7	100.0

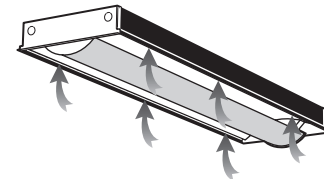
Total Luminaire Optical Efficiency: **62.7%**
 IES Spacing Criteria: End = 1.2
 Diagonal = 1.3
 Across = 1.3

FIXTURE DETAILS

BACKVIEW



AIR RETURN



DUSTCOVER OPTION

