

DIRECT/INDIRECT SHALLOW – AIR RETURN

DISH

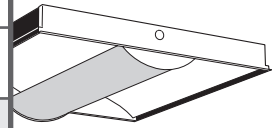
SUBMITTAL:

2x2

JOB:

TYPE:

VOLTAGE:



Shown with WPR

EXAMPLE

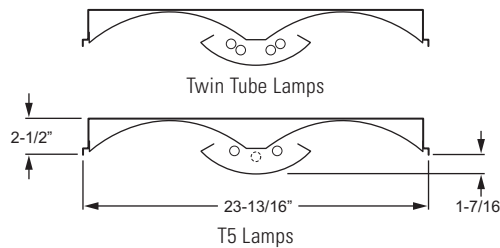
DISH G - AR 2 2 - 2 40TT - WPR - OPTIONS - EB2 - UNV

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.
- ▶ 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.
- ▶ 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, rated Class P.

Lamp	Instant Start	Program Start
T5		•
40TT	•	
50TT		•
55TT		•

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

2 2'

NOMINAL LENGTH

2 2'

TOTAL LAMPS

1, 2, or 3 (1- and 3-lamp available with T5 only)

LAMP WATTAGE/TYPE

14T5S 2', 14-watt T5
24T5H 2', 24-watt T5HO
40TT 2', 40-watt long twin tube (2-lamp only)
50TT 2', 50-watt long twin tube (2-lamp only)
55TT 2', 55-watt long twin tube (2-lamp only)

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

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
EB3 3-lamp electronic ballast
EB2/1 (1) 2-lamp and (1) 1-lamp electronic ballast

VOLTAGE

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

2x2

PHOTOMETRY INFORMATION

Catalog #: DISHG-AR22-240TT-WPR

SHIELDING OPTIONS



Shown with WPR



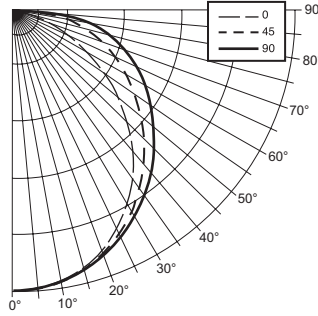
Shown with WPR/SPLIT



Shown with WPR/ACRY/CTR/CLR

TEST REPORT INFORMATION

- ▶ Test Report #: 15391.0
- ▶ Date: 12/12/05
- ▶ Lamp Type: FT40W/2G11
- ▶ Lamp Quantity: 2



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1314.	1314.	1314.	
5°	1311.	1309.	1304.	124.9
15°	1257.	1263.	1268.	358.3
25°	1143.	1171.	1186.	540.5
35°	983.	1037.	1077.	649.6
45°	770.	880.	948.	672.8
55°	537.	709.	800.	619.2
65°	304.	539.	648.	505.7
75°	138.	372.	475.	361.7
85°	25.	184.	258.	179.1
90°	1.	31.	66.	

ZONAL CAVITY COEFFICIENTS

	Ceiling	.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	.76	.76	.76	.74	.74	.74	.71	.71	.71
	1	.69	.66	.63	.67	.64	.62	.62	.59	.57
	2	.63	.57	.53	.61	.56	.52	.54	.50	.47
	3	.57	.51	.45	.56	.50	.45	.48	.43	.40
	4	.52	.45	.39	.51	.44	.39	.42	.38	.34
	5	.48	.39	.34	.46	.39	.33	.37	.33	.29
	6	.44	.35	.30	.43	.35	.29	.34	.29	.25
	7	.41	.32	.26	.39	.31	.26	.30	.25	.22
	8	.37	.28	.23	.36	.28	.23	.27	.22	.19
	9	.34	.26	.20	.33	.25	.20	.24	.20	.16
	10	.32	.23	.18	.31	.23	.18	.22	.18	.14

Effective Floor Cavity Reflectance = .20

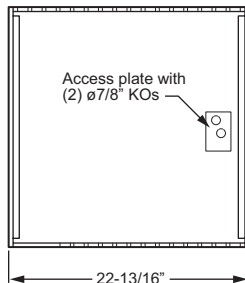
LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1024.	16.2	25.5
0 - 40	1673.	26.6	41.7
0 - 60	2965.	47.1	73.8
0 - 90	4012.	63.7	99.9
Total Luminaire:			
0 - 180	4016.	63.7	100.0

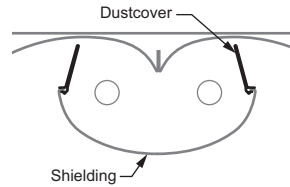
Total Luminaire Optical Efficiency: **63.7%**
 IES Spacing Criteria: End = 1.2
 Diagonal = 1.3
 Across = 1.3

FIXTURE DETAILS

BACKVIEW



DUSTCOVER OPTION



AIR RETURN

