

DIRECT/INDIRECT SHALLOW – AIR RETURN

DISH

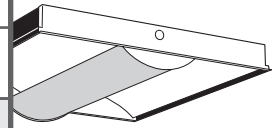
SUBMITTAL:

2x2

JOB:

TYPE:

VOLTAGE:



Shown with WPR

EXAMPLE

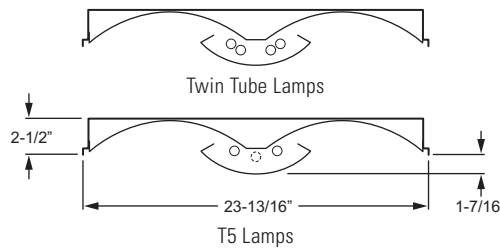
DISH G - AR 2 2 - 2 40TT - WPR - OPTIONS - EB2 - UNV

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.
- ▶ Optional anti-microbial powder coating available to prevent the spread of dangerous micro-organisms and suppress the growth of mold and bacteria.
- ▶ 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)

OPTIONS

For generic EM ballast options (must specify voltage), see Fluorescent Information section.

AMW Anti-microbial white finish
DUSTCOVER Dust and debris cover (WPR only)
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



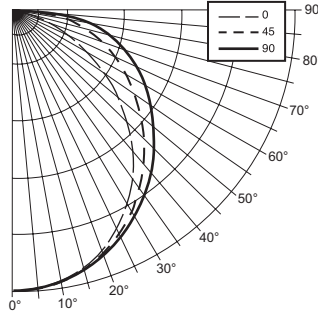
Shown with WPR/SPLIT



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

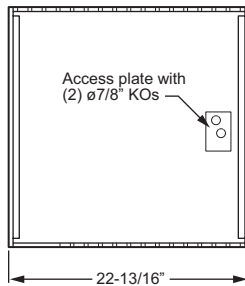
LUMEN SUMMARY

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

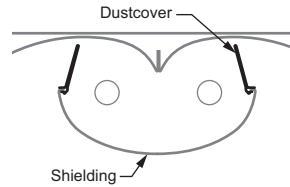
Total Luminaire Optical Efficiency: **63.7%**
 IES Spacing Criteria: End = 1.2
 Diagonal = 1.3
 Across = 1.3

FIXTURE DETAILS

BACKVIEW



DUSTCOVER OPTION



AIR RETURN

