

RECESSED WALL WASH

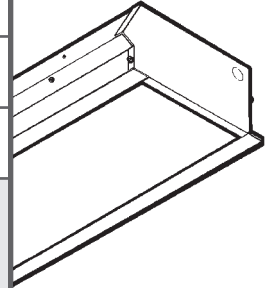
RW

SUBMITTAL:

JOB:

TYPE:

VOLTAGE:



EXAMPLE

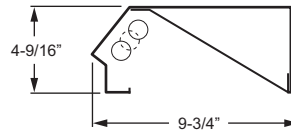
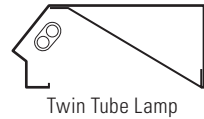
RW G - 4 - 1 54T5H - M - OPTIONS - EB1 - UNV

SERIES CEILING TYPE NOMINAL LENGTH TOTAL LAMPS WATTAGE/TYPE REFLECTOR TYPE OPTIONS BALLAST TYPE VOLTAGE



FEATURES

- ▶ Specular, low-iridescent anodized aluminum reflector uniformly illuminates vertical surfaces; eliminates hot spots, scalloping, and shadows on wall.
- ▶ Up to 88% optical efficiency.
- ▶ Perfect for highlighting merchandise, artwork, and signage.
- ▶ Wireway is accessible without the use of tools.
- ▶ Available in T5, T8, and long twin tube lamps.
- ▶ Ballast is accessible from room side of fixture.
- ▶ This fixture is proudly made in the USA.



SPECIFICATIONS

Housing – 20-gauge die-formed C.R.S.
Reflector – 95% reflective highly specular aluminum.
Finish – 92% minimum average reflective 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, instant start T8, program start T5, rated Class P.
Mounting – NEMA Type “G” (T-bars to be mounted 10” x 2’ or 10” x 4’ on center). For flange installations use the Drywall Kit (DFK), ordered separately, see Information section.
Labels – UL/CUL listed as recessed fluorescent luminaire suitable for dry or damp locations.

ORDERING INFORMATION

SERIES

RW Recessed Wall Wash

CEILING TYPE

G NEMA Type “G”
 For flange installations use the Drywall Kit (DFK), ordered separately, see Information section.

NOMINAL LENGTH

2 2’
4 4’

TOTAL LAMPS

1 or 2

LAMP WATTAGE/TYPE

2’ LAMP OPTIONS

14T5S 2’, 14-watt T5
17 2’, 17-watt T8
24T5H 2’, 24-watt T5HO
40TT 2’, 40-watt long twin tube
50TT 2’, 50-watt long twin tube
55TT 2’, 55-watt long twin tube

4’ LAMP OPTIONS

28T5S 4’, 28-watt T5
32 4’, 32-watt T8
54T5H 4’, 54-watt T5HO

REFLECTOR TYPE

M Highly specular aluminum (standard)
S Semi-specular aluminum
W Powder coat white

OPTIONS

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

BALLAST TYPE

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

VOLTAGE

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



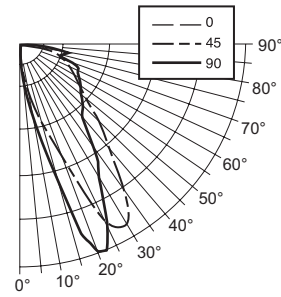
TEST REPORT INFORMATION

- ▶ Test Report #: 14561.0
- ▶ Date: 03/20/00
- ▶ Lamp Type: FP54T5HO/841
- ▶ Lamp Quantity: 1

PHOTOMETRY INFORMATION

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	86.	86.	86.	
5°	70.	458.	795.	29.0
15°	68.	1593.	2778.	229.0
25°	68.	3697.	3893.	619.0
35°	64.	3429.	2386.	728.0
45°	59.	2121.	1657.	728.0
55°	49.	1364.	1366.	620.0
65°	35.	1027.	1170.	480.0
75°	30.	785.	769.	338.0
85°	3.	384.	415.	169.0
90°	0.	0.	0.	



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	884.	19.7	22.3
0 - 40	1616.	35.9	40.8
0 - 60	2970.	66.0	75.0
0 - 90	3963.	88.1	100.0
Total Luminaire:			
0 - 180	3963.	88.1	100.0

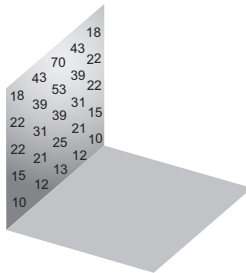
Total Luminaire Optical Efficiency: **88.1%**

ZONAL CAVITY COEFFICIENTS

Room Cavity Ratio	Ceiling		.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10	
	0	1.05	1.05	1.05	1.02	1.02	1.02	.98	.98	.98	
1	.95	.91	.87	.93	.89	.85	.85	.82	.79		
2	.86	.79	.73	.84	.77	.72	.74	.69	.65		
3	.79	.69	.62	.77	.68	.61	.65	.60	.55		
4	.72	.61	.53	.70	.60	.53	.58	.51	.46		
5	.66	.54	.46	.63	.53	.45	.51	.44	.39		
6	.60	.48	.40	.58	.47	.39	.45	.38	.33		
7	.55	.43	.35	.54	.42	.34	.40	.33	.29		
8	.50	.38	.30	.49	.37	.30	.36	.29	.24		
9	.46	.34	.26	.45	.33	.26	.32	.25	.20		
10	.42	.30	.23	.41	.30	.23	.29	.22	.18		

Effective Floor Cavity Reflectance = .20

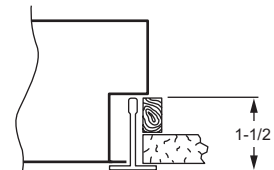
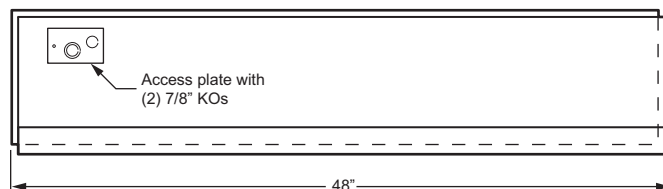
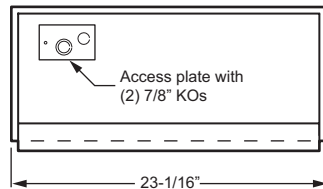
FOOTCANDLE ESTIMATOR



Footcandle calculations based on standard reflectance of 80/50/20 and a light loss factor of .85.

Fixture installed at 10' ceiling height in 12' x 12' room, 3' from wall, centered on ceiling.

BACKVIEW



When using the DFK with Williams DIA fixture, the structure surrounding the DFK is to extend no more than 1-1/2" from the bottom of the "T", as shown