

FEATURES & SPECIFICATIONS

INTENDED USE — The MRS8 strip and industrial retrofit kit is designed to convert existing 8' strip-based fixtures to more energy-efficient lamp and ballast technology. Universal adjustable bracket design allows easy retrofit to re-lamp or de-lamp, reduce energy consumption, and reduce lamp replacement costs by replacing costly 8' lamps with more efficient 4' tandem lamps.

FEATURES — Channel covers for strip-to-strip conversion are high-reflectance white painted aluminum and are secured by included quarter-turn fasteners. Industrial reflectors are precision-formed aluminum for optimal performance and are available with high-reflectance white or with highly specular anodized aluminum. Lampholder brackets are white pre-painted, die-formed aluminum and are adjustable to fit strip widths from 4.0" to 5.25". Screw slots allow for easy 48" bracket centering. Edges are rounded for installer safety.

INSTALLATION — Lampholder bracket / electrical assembly installs quickly and easily using self-tapping Tek screws (included). Channel covers or reflectors (shipped in 4' sections) install quickly and securely using included tool-free quarter-turn fasteners. Standard kits ship with factory pre-wired and pre-assembled electrical assembly with plug-in ballast disconnect for fast, simple installation. Channel covers or reflectors are packed separately. All materials are shipped in optimized carton quantities to minimize jobsite waste. Lamps (not included) are secured with rotary locking lampholders for ease of relamping and to withstand vibration or incidental contact.

LISTINGS — UL/cUL Classified. Installation of the MRS8 does not impact existing fixture UL Listing.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

Striplight

MRS

8' LONG

COMMERCIAL & INDUSTRIAL FLUORESCENT
Retrofit Kit
Ceiling Mounted

Channel cover



White



Specular



Specifications

Intended to be installed in most strips.
Weight of 10-pack: 16 lbs. (7.3 kg.)
Weight of 40-pack: 64 lbs. (29.0 kg.)
All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: MRS8 2 32 1/2 BINP

Series	Lamps ¹	Lamp type	Ballast configuration	Voltage	Ballast	Reflector		
MRS8	1	32 32W T8 (48")	1/2 One 2-lamp ballast ²	(blank) MVOLT (120-277)	T8 BINP IS, high efficiency, 0.88 BF (normal) BILP IS, high efficiency, 0.78 BF (low) BIHP IS, high efficiency, 1.20 BF (high) BSNP PS, step dimming, high efficiency, 0.88 BF (normal) BPNP PS, high efficiency, 0.88 BF (normal) BPLP PS, high efficiency, 0.78 BF (low) BPHP PS, high efficiency, 1.20 BF (high) T5 GEB95 0.95 BF (28W T5) TSHO GEB10PS 1.00 BF, programmed start (54W TSHO) L/BIS No ballast, shunted IS sockets ³ L/BPS No ballast, unshunted PS sockets ³	(blank) White channel cover only ⁴		
		28T5 28W T5 (46")	2/2 Two 2-lamp ballasts	347 347V ⁴		WHR High reflectance white reflector ⁴		
	2	54T5HO 54W T5HO (46")	1/4 One 4-lamp ballast			SSR Specular (95% reflectance) reflector ⁴		

Notes

- Number of lamps in cross section per 4' length (e.g., MRS8 2 32 uses four lamps total).
- 1-lamp cross section configuration only.
- Kits less ballast must be ordered in multiples of 10 to optimize packaging.
- Reflectors and channel covers install in 4' sections.

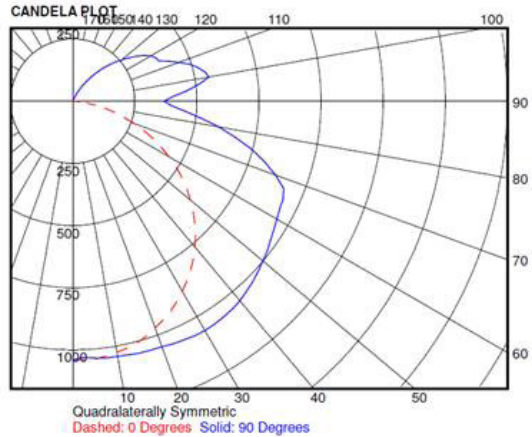
MRS8 Retrofit Kit

PHOTOMETRICS

MRS8 2 32, (4) 32W T8 lamps, 2950 lumens per lamp, white channel covers

SUMMARY DATA

EFFICIENCY (Total): 92.3 %
 EFFICIENCY (Downlight): 74.7 %
 EFFICIENCY (Uplight): 17.7 %
 CIE CLASSIFICATION: SEMI-DIRECT
 SPACING CRITERION (0-Deg.): 1.26
 SPACING CRITERION (90-Deg.): 1.55
 LUMENS/LAMP: 2950
 NO. OF LAMPS: 2
 LUMINOUS OPENING: RECTANGULAR
 Width: 0.38 (Feet)
 Length: 4.00
 Height: 0.09
 INPUT WATTS: 58.7



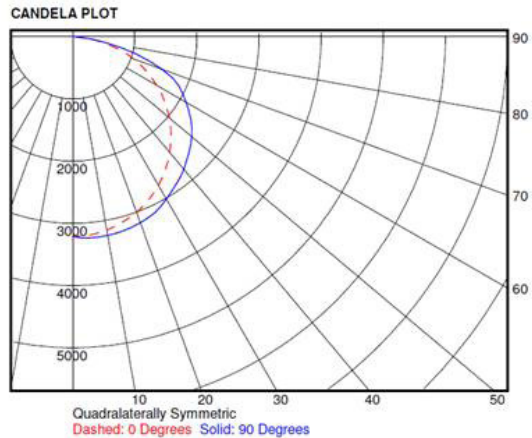
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	851.5	14.4	15.6
0 - 40	1449.3	24.6	26.6
0 - 60	2835.8	48.1	52.1
60 - 90	1570.0	26.6	28.8
0 - 90	4405.8	74.7	80.9
90 - 180	1041.9	17.7	19.1
0 - 180	5447.7	92.3	100.0

MRS8 2 32 WHR, (4) 32W T8 lamps, 3000 lumens per lamp, high reflectance white reflectors

SUMMARY DATA

EFFICIENCY (Total): 91.5 %
 EFFICIENCY (Downlight): 91.4 %
 EFFICIENCY (Uplight): 0.0 %
 CIE CLASSIFICATION: DIRECT
 SPACING CRITERION (0-Deg.): 1.28
 SPACING CRITERION (90-Deg.): 1.39
 LUMENS/LAMP: 3000
 NO. OF LAMPS: 4
 LUMINOUS OPENING: RECTANGULAR
 Width: 0.77 (Feet)
 Length: 8.00
 Height: 0.00
 INPUT WATTS: 114.3



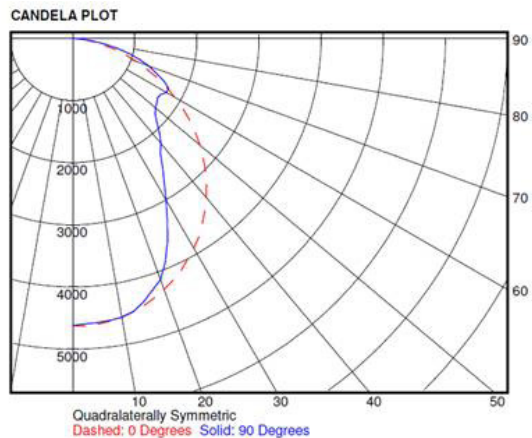
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	2585.0	21.5	23.5
0 - 40	4321.1	36.0	39.4
0 - 60	8081.3	67.3	73.6
60 - 90	2892.2	24.1	26.3
0 - 90	10973.5	91.4	100.0
90 - 180	5.8	0.0	0.1
0 - 180	10979.4	91.5	100.0

MRS8 2 32 SSR, (4) 32W T8 lamps, 2950 lumens per lamp, specular anodized reflectors

SUMMARY DATA

EFFICIENCY (Total): 95.6 %
 EFFICIENCY (Downlight): 95.6 %
 EFFICIENCY (Uplight): 0.0 %
 CIE CLASSIFICATION: DIRECT
 SPACING CRITERION (0-Deg.): 1.25
 SPACING CRITERION (90-Deg.): 1.04
 LUMENS/LAMP: 2950
 NO. OF LAMPS: 4
 LUMINOUS OPENING: RECTANGULAR
 Width: 0.78 (Feet)
 Length: 8.00
 Height: 0.00
 INPUT WATTS: 115.1



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	3481.6	29.5	30.9
0 - 40	5432.6	46.0	48.2
0 - 60	8841.1	74.9	78.4
60 - 90	2441.2	20.7	21.6
0 - 90	11282.3	95.6	100.0
90 - 180	0.0	0.0	0.0
0 - 180	11282.3	95.6	100.0