

Specification Data

Fixture Description:	Type
Project/Job:	
SYLVANIA lamp:	
SYLVANIA ballast:	
Notes:	

Ordering Information

For Enclosed Rated Fixtures

Item Number	Ordering Abbreviation	Watts	Bulb	Base	ANSI ⁴ Code	Average Rated Life (hr.) ⁵	Initial Lumens	Mean Lumens	CCT	CRI	Lamp Efficacy (LPW)
64975*	MC20TC/U/G8.5/830 PB ^{1,3}	20	T4.5	G8.5	C156/E	15,000	1,700	1,275	3000K	83	85
64971*	MC39TC/U/G8.5/830 PB ^{1,2}	39	T4.5	G8.5	C130/E	15,000	3,400	2,720	3000K	82	87
64162	MC39T6/U/G12/930 PB ¹	39	T6	G12	C130/E	15,000	3,100	2,470	3000K	93	72
64970*	MC39T6/U/G12/830 PB ^{1,2}	39	T6	G12	C130/E	15,000	3,400	2,720	3000K	82	87
64325	MC39T6/U/G12/940 PB ^{1,2}	39	T6	G12	C130/E	15,000	3,300	2,640	4200K	86	85
64974*	MC70TC/U/G8.5/930 PB ^{1,2}	70	T4.5	G8.5	C139/E	15,000	6,300	5,040	3000K	95	90
64969*	MC70T6/U/G12/830 PB ^{1,2}	70	T6	G12	C139/E	15,000	7,000	5,600	3000K	87	100
64964*	MC70T6/U/G12/930 PB ^{1,2}	70	T6	G12	C139/E	15,000	6,400	5,120	3000K	95	91
64967*	MC70T6/U/G12/940 PB ^{1,2}	70	T6	G12	C139/E	15,000	6,700	5,360	4200K	93	96
64160	MC100T6/U/G12/830 PB	100	T6	G12	C191/E	15,000	9,500	7,600 ⁶	3000K	85	95
64968*	MC150T7.5/U/G12/830 PB ¹	150	T7.5	G12	C142/E	15,000	15,500	12,400	3000K	89	103
64966*	MC150T7.5/U/G12/940 PB ¹	150	T7.5	G12	C142/E	15,000	14,500	11,600	4200K	95	97
64972*	MC70T6/DE/830 PB ²	70	T6	R7S RSC	C139/E	15,000	6,900	5,520	3000K	88	99
64793*	MC150T7.5/DE/830 PB	150	T7.5	RX7S RSC	C142/E	15,000	14,800	11,840	3000K	91	99

*64975 formerly 64882, 64971 formerly 64791, 64970 formerly 64363, 64974 formerly 64825, 64969 formerly 64361, 64964 formerly 64200, 64967 formerly 64338, 64968 formerly 64359, 64966 formerly 64337, 64972 formerly 64793, 64793 formerly 64794.

- The circuit must include overcurrent protection (i.e., thermally switched ballast).
- Minimum open circuit voltage for starting is measured with the ignitor in the circuit, minimum open circuit voltage is 209 VRMS.
- Designed for operation only on electronic ballasts.
- The first letter of an ANSI high-intensity discharge lamp designation represents the lamp type. "M" represents quartz metal halide lamps and "C" represents ceramic metal halide lamps. Following the lamp type, there is a number representing the electrical characteristics of the ballast. "M" or "C" lamps with the same electrical numbers will operate on the same ballasts (per ANSI C78.380-2007). For example, a 150W ceramic metal halide lamp that is intended to operate on a ballast intended for M102 quartz metal halide lamps would have the designation C102.
- Performance based on electronic ballast operation.
- Preliminary data.

General Notes:

- Contact your local OSRAM SYLVANIA representative for compatible electronic ballasts.
- All ceramic lamps should be used with 4000V pulse rated socket only.
- No special handling requirements during installation (i.e., gloves not required). Always follow normal safety precautions during installation.

Ordering Guide

MC	70	T6	/	DE	/	U	/	G12	/	830	PB
M=METALARC® C=Ceramic	Wattage: 20, 39, 70 100, 150	Bulb Shape: T4.5 (TC), T6 T7.5	/	_ = Single Ended DE = Double Ended	/	Operating position: Universal	/	Base: G8.5, G12	/	8=80+ CRI 9=90+ CRI 30=3000K CCT 40=4200K CCT	PB=POWERBALL®