



MASTER MHN-SA

MASTER MHN-SA 2000W/956 400V XW HO UNP/1

Compact quartz metal halide lamps with double-pin

Product data

General Information		Lamp Current (EM) (Nom)	
Cap-Base	X830R [X830R]	Lamp Current (EM) (Nom)	11.8 A
Operating Position	P15 [Parallel +/-15D or Horizontal(HOR)]	Ignition Supply Voltage (Min)	360 V
Life to 5% Failures (Nom)	1700 h	Voltage (Max)	220 V
Life To 10% Failures (Nom)	2300 h	Voltage (Min)	185 V
Life to 20% Failures (Nom)	3000 h	Voltage (Nom)	205 V
Life to 50% Failures (Nom)	5000 h		
Light Technical		Controls and Dimming	
Color Code	956 [CCT of 5600K]	Dimmable	No
Luminous Flux (Rated) (Nom)	226000 lm	Mechanical and Housing	
Color Designation	Daylight	Bulb Finish	Clear
Lumen Maintenance 1000 h (Nom)	96.5 %	Cap-Base Information	-
Lumen Maintenance 2000 h (Nom)	92.5 %	Approval and Application	
Lumen Maintenance 5000 h (Nom)	78 %	Energy Efficiency Label (EEL)	A+
Chromaticity Coordinate X (Nom)	330	Mercury (Hg) Content (Nom)	215 mg
Chromaticity Coordinate Y (Nom)	366	Energy Consumption kWh/1000 h	2304 kWh
Correlated Color Temperature (Nom)	5600 K	UV	
Luminous Efficacy (rated) (Nom)	108 lm/W	Specific Eff. Radiant Power	60 mW/klm
Color Rendering Index (Nom)	81	Luminaire Design Requirements	
Operating and Electrical		Bulb Temperature (Max)	1015 °C
Lamp supply voltage	400 V [400]	Pinch Temperature (Max)	350 °C
Power (Rated) (Nom)	2095.0 W		
Lamp Current Run-Up (Max)	17 A		