



Product Description

MASTER HPI Plus

Quartz metal halide lamps with opalized outer bulb

Benefits

- High safety and comfort level, maintained over life
- Minimal maintenance cost
- Initial investment saving options with "Plus"-concept and "S" and "P"-types
- Adjustable atmosphere creation by using appropriate colour temperature

Features

- Ovoid, internally white coated outer bulb
- Unique 3-band technology resulting in high luminous efficacy, both initially and over long lifetime
- Available in cool white and daylight colour appearance demonstrating good colour stability
- "S"-type for direct retrofit for HPL lamps
- "P"-type for use without protective front shield

Application

- High bay lighting, e.g. industrial workshops, exhibition halls, hypermarkets, shopping malls, DIY stores, churches, airports and train stations

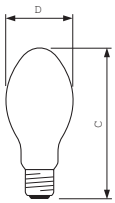
Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- For use with control gear designed for high-pressure mercury or sodium lamps

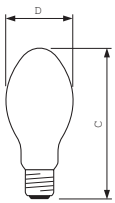
Related products



Dimensional drawing

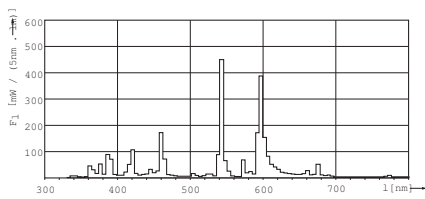


Product	C (Max)	D (Max)
HPI Plus 400W/745 BU E40	284	121.5
HPI Plus 400W/767 BU E40	290	122
HPI Plus 250W/745 BU E40	226	91
HPI Plus 250W/767 BU E40	226	91
HPI Plus 400W/745 BU-P E40	290	117.5
HPI Plus 250W/745 BU-P E40	218	90

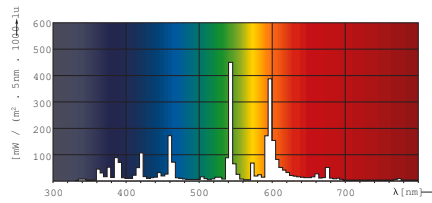


Product	C (Max)	D (Max)
HPI Plus 400W/745 BUS E40	284	121.5
HPI Plus 400W/745 BUS-P E40	290	117.5

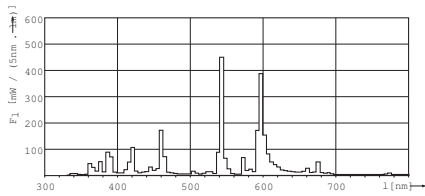
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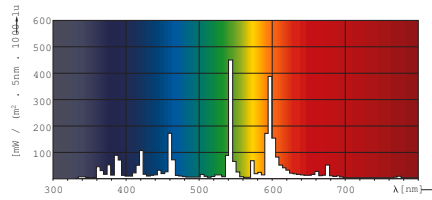
MASTER HPI-Plus



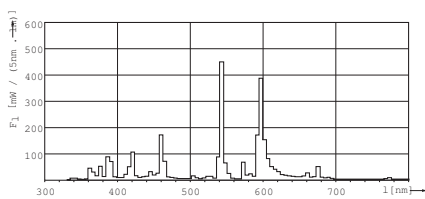
MASTER HPI-Plus



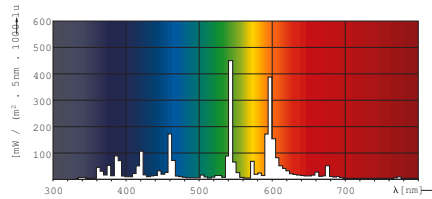
MASTER HPI-Plus



MASTER HPI-Plus



MASTER HPI-Plus



MASTER HPI-Plus

Compare table

Order code	Full product name	Bulb	Bulb Finish	Cap-Base	Burning Position	System Description	Colour Code	Colour Designation	Lamp Wattage	Lamp Wattage EM	Lamp Voltage
182524 10	MASTER HPI Plus 400W/745 BU E40 1SL	BD120	Coated	GES	h15	Base-Up	745	Cool White	400	-	125
207371 10	MASTER HPI Plus 400W/767 BU E40 1SL	BD120	Coated	GES	h15	Base-Up	767	Daylight	400	-	125
181114 10	MASTER HPI Plus 400W/745 BUS E40 1SL	ED120	Coated	GES	h15	Base-Up/internal Starter	745	Cool White	400	-	125
181145 15	MASTER HPI Plus 250W/745 BU E40 1SL	BD90	Coated	GES	h15	Base-Up	745	Cool White	250	-	128
207395 15	MASTER HPI Plus 250W/767 BU E40 1SL	BD90	Coated	GES	h15	Base-Up	767	Daylight	250	-	128
211439 10	MASTER HPI Plus 400W/745 BU-P E40 1SL	ED-37	Coated	GES	h15	Base-Up/Protected	745	Cool White	400	-	125
211453 10	MASTER HPI Plus 400W/745 BUS-P E40 1SL	ED-37	Coated	GES	h15	Base-Up/internal Starter/Protected	745	Cool White	400	-	125
211477 15	MASTER HPI Plus 250W/745 BU-P E40 1SL	ED-28	Coated	GES	h15	Base-Up/Protected	745	Cool White	250	-	128

Compare table

Order code	Full product name	Lamp Current EM	Dimmable	Chromaticity Coordinate X	Chromaticity Coordinate Y	Colour Rendering Index	Life to 10% failures	Life to 20% failures	Life to 5% failures	Life to 50% failures	Cap-Base Temperature
182524 10	MASTER HPI Plus 400W/745 BU E40 1SL	3.4	no	367	374	69	7500	11000	5000	20000	250
207371 10	MASTER HPI Plus 400W/767 BU E40 1SL	3.4	no	308	318	69	7500	11000	5000	20000	250
181114 10	MASTER HPI Plus 400W/745 BUS E40 1SL	3.4	no	367	374	69	7500	11000	5000	20000	250

Order code	Full product name	Lamp Current EM	Dimmable	Chromaticity Coordinate X	Chromaticity Coordinate Y	Colour Rendering Index	Life to 10% failures	Life to 20% failures	Life to 5% failures	Life to 50% failures	Cap-Base Temperature
181145 15	MASTER HPI Plus 250W/745 BU E40 1SL	2.2	no	365	363	69	7500	11000	5000	20000	250
207395 15	MASTER HPI Plus 250W/767 BU E40 1SL	2.2	no	308	318	69	7500	11000	5000	20000	250
211439 10	MASTER HPI Plus 400W/745 BU-P E40 1SL	3.4	no	367	374	69	7500	11000	5000	20000	250
211453 10	MASTER HPI Plus 400W/745 BUS-P E40 1SL	3.4	no	367	374	69	7500	11000	5000	20000	250
211477 15	MASTER HPI Plus 250W/745 BU-P E40 1SL	2.2	no	365	363	69	7500	11000	5000	20000	250

Compare table

Order code	Full product name	Bulb Temperature	Colour Temperature	Mercury (Hg) Content	Lum Efficacy Rated EM 25°C	LLMF EM 20000h Rated	LLMF EM 16000h Rated	LLMF EM 12000h Rated	LLMF EM 8000h Rated	LLMF EM 6000h Rated	LLMF EM 4000h Rated
182524 10	MASTER HPI Plus 400W/745 BU E40 1SL	350	4500	67	82	60	63	68	73	77	82
207371 10	MASTER HPI Plus 400W/767 BU E40 1SL	350	6700	67	82	60	63	68	73	77	82
181114 10	MASTER HPI Plus 400W/745 BUS E40 1SL	350	4500	67	82	60	63	68	73	77	82
181145 15	MASTER HPI Plus 250W/745 BU E40 1SL	350	4500	47	72	60	63	68	73	77	82
207395 15	MASTER HPI Plus 250W/767 BU E40 1SL	350	6700	47	72	60	63	68	73	77	82
211439 10	MASTER HPI Plus 400W/745 BU-P E40 1SL	260	4500	67	82	60	63	68	73	77	82
211453 10	MASTER HPI Plus 400W/745 BUS-P E40 1SL	260	4500	67	82	60	63	68	73	77	82
211477 15	MASTER HPI Plus 250W/745 BU-P E40 1SL	260	4500	47	72	60	63	68	73	77	82

Compare table

Order code	Full product name	LLMF EM 2000h Rated	Lamp Wattage EM 25°C, Rated	Luminous Flux EM 25°C, Rated	LSF EM 12000h Rated, 12h cycle	LSF EM 16000h Rated, 12h cycle	LSF EM 20000h Rated, 12h cycle	LSF EM 2000h Rated, 12h cycle	LSF EM 4000h Rated, 12h cycle	LSF EM 6000h Rated, 12h cycle	LSF EM 8000h Rated, 12h cycle	Lamp Wattage EM 25°C, Nominal
182524 10	MASTER HPI Plus 400W/745 BU E40 1SL	90	395	32500	76	63	50	99	96	93	88	400
207371 10	MASTER HPI Plus 400W/767 BU E40 1SL	90	395	32500	76	63	50	99	96	93	88	400
181114 10	MASTER HPI Plus 400W/745 BUS E40 1SL	90	395	32500	76	63	50	99	96	93	88	400
181145 15	MASTER HPI Plus 250W/745 BU E40 1SL	90	253	18000	76	63	50	99	96	93	88	250
207395 15	MASTER HPI Plus 250W/767 BU E40 1SL	90	253	18000	76	63	50	99	96	93	88	250
211439 10	MASTER HPI Plus 400W/745 BU-P E40 1SL	90	395	32500	76	63	50	99	96	93	88	400

Order code	Full product name	LLMF EM 2000h Rated	Lamp Wattage EM 25°C, Rated	Luminous Flux EM 25°C, Rated	LSF EM 12000h Rated, 12h cycle	LSF EM 16000h Rated, 12h cycle	LSF EM 20000h Rated, 12h cycle	LSF EM 2000h Rated, 12h cycle	LSF EM 4000h Rated, 12h cycle	LSF EM 6000h Rated, 12h cycle	LSF EM 8000h Rated, 12h cycle	Lamp Wattage EM 25°C, Nominal
211453 10	MASTER HPI Plus 400W/ 745 BUS-P E40 1SL	90	395	32500	76	63	50	99	96	93	88	400
211477 15	MASTER HPI Plus 250W/ 745 BU-P E40 1SL	90	253	18000	76	63	50	99	96	93	88	250



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data subject to change