



The most reliable!

MASTER PL-L 4 Pin

MASTER PL-L is a medium to high-wattage linear compact fluorescent lamp, typically used for general-illumination ceiling luminaires in retail, hospitality and office applications demanding higher lighting levels. The original Philips-invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficacy than the bended technology. It is designed for operation on electromagnetic as well as electronic HF control gear and is provided with a plug-in/pull-out lamp base.

Benefits

- Optimal light performance for short or long operation per switch-on
- Long life and sustainable light output
- Multiple light color choice
- Good color rendering (CRI >80)
- Dimming possible down to 10%

Features

- 4-pin base
- Fluorescent tri-phosphor technology
- Low light depreciation over lamp life

Application

- Designed for general lighting in shops, offices, hotels and specific task lighting, as well as outdoors in residential areas and parks

Warnings and Safety

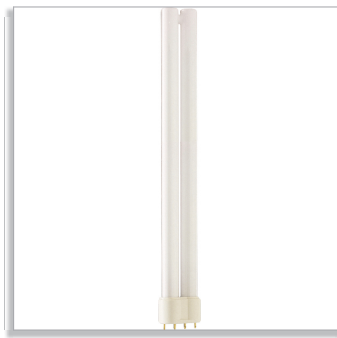
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



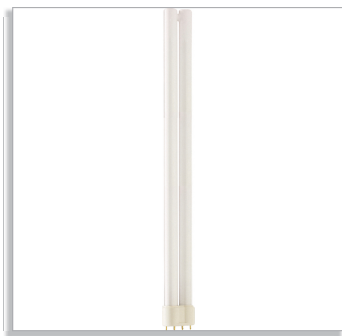
Related products



18W, 2G11, 4P



24W, 2G11, 4P



36W, 2G11, 4P



40W, 2G11, 4P

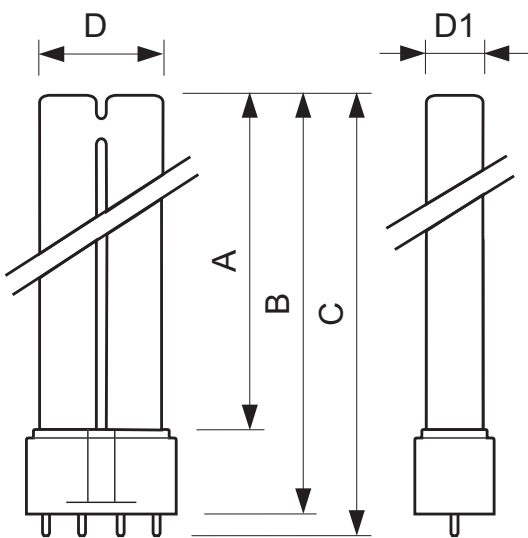


55W, 2G11, 4P



80W, 2G11, 4P

Dimensional drawing



MASTER PL-L 18W/827/4P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-L 18W/827/4P	194.2	220	226.6	39.0	18.0
PL-L 18W/827/4P	194.2	220	226.6	39.0	18.0
PL-L 18W/830/4P	194.2	220	226.6	39.0	18.0
PL-L 18W/830/4P	194.2	220	226.6	39.0	18.0
PL-L 18W/840/4P	194.2	220	226.6	39.0	18.0
PL-L 18W/840/4P	194.2	220	226.6	39.0	18.0
PL-L 18W/835/4P	194.2	220	226.6	39.0	18.0
PL-L 18W/865/4P	194.2	220	226.6	39.0	18.0
PL-L 24W/827/4P	289.2	315	321.6	39.0	18.0
PL-L 24W/830/4P	289.2	315	321.6	39.0	18.0
PL-L 24W/840/4P	289.2	315	321.6	39.0	18.0
PL-L 24W/840/4P	289.2	315	321.6	39.0	18.0
PL-L 24W/840/4P	289.2	315	321.6	39.0	18.0
PL-L 24W/865/4P	289.2	315	321.6	39.0	18.0

Dimensional drawing

PL-L 36W/827/4P	384.2	410	416.6	39.0	18.0
PL-L 36W/827/4P	384.2	410	416.6	39.0	18.0
PL-L 36W/830/4P	384.2	410	416.6	39.0	18.0
PL-L 36W/840/4P	384.2	410	416.6	39.0	18.0
PL-L 36W/840/4P	384.2	410	416.6	39.0	18.0
PL-L 36W/865/4P	384.2	410	416.6	39.0	18.0
PL-L 40W/830/4P HF	509.2	535	541.6	39.0	18.0
PL-L 40W/840/4P HF	509.2	535	541.6	39.0	18.0
PL-L 40W/835/4P HF	509.2	535	541.6	39.0	18.0
PL-L 55W/830/4P HF	509.2	535	541.6	39.0	18.0
PL-L 55W/840/4P HF	509.2	535	541.6	39.0	18.0
PL-L 55W/840/4P HF	509.2	535	541.6	39.0	18.0
PL-L 55W/835/4P HF	509.2	535	541.6	39.0	18.0
PL-L 55W/865/4P HF	509.2	535	541.6	39.0	18.0
PL-L 80W/830/4P HF	539.2	565	571.6	39.0	18.0
PL-L 80W/840/4P HF	539.2	565	571.6	39.0	18.0

General Characteristics (1/3)

Order code	Full product name	Cap-Base	System Description	Life to 50% failures EM	Life to 50% fail Preheat EL,3h	Life to 50% fail Nonpreh EL,3h	Life to 10% fail Nonpreh EL,3h	Life to 10% fail Preheat EL,3h	Life to 10% failures EM	LSF HF Preheat 20000h Rated,3h	LSF HF Preheat 12000h Rated,3h
927903008270	MASTER PL-L 18W/827/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903008272	MASTER PL-L 18W/827/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903008370	MASTER PL-L 18W/830/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903008372	MASTER PL-L 18W/830/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903008470	MASTER PL-L 18W/840/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903008472	MASTER PL-L 18W/840/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903083570	MASTER PL-L 18W/835/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903086572	MASTER PL-L 18W/865/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903208270	MASTER PL-L 24W/827/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903208370	MASTER PL-L 24W/830/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903208470	MASTER PL-L 24W/840/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903208471	MASTER PL-L 24W/840/4P UNP	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903208472	MASTER PL-L 24W/840/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903286570	MASTER PL-L 24W/865/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903408270	MASTER PL-L 36W/827/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %

Order code	Full product name	Cap-Base	System Description	Life to 50% failures EM	Life to 50% fail Preheat EL,3h	Life to 50% fail Nonpreh EL,3h	Life to 10% fail Nonpreh EL,3h	Life to 10% fail Preheat EL,3h	Life to 10% failures EM	LSF HF Preheat 20000h Rated,3h	LSF HF Preheat 12000h Rated,3h
927903408272	MASTER PL-L 36W/ 827/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903408370	MASTER PL-L 36W/ 830/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903408470	MASTER PL-L 36W/ 840/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903408473	MASTER PL-L 36W/ 840/4P UNP	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927903486570	MASTER PL-L 36W/ 865/4P 1CT	2G11	-	15000 hr	20000 hr	10000 hr	7500 hr	14000 hr	10000 hr	50 %	94 %
927908208370	MASTER PL-L 40W/ 830/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %
927908208470	MASTER PL-L 40W/ 840/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %
927908283570	MASTER PL-L 40W/ 835/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %
927908708370	MASTER PL-L 55W/ 830/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %
927908708470	MASTER PL-L 55W/ 840/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %
927908708472	MASTER PL-L 55W/ 840/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %
927908783570	MASTER PL-L 55W/ 835/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %
927908786570	MASTER PL-L 55W/ 865/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %
927909583070	MASTER PL-L 80W/ 830/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %
927909584070	MASTER PL-L 80W/ 840/4P 1CT	2G11	High Frequency	hr	20000 hr	10000 hr	7500 hr	14000 hr	hr	50 %	94 %

General Characteristics (2/3)

Order code	Full product name	LSF HF Preheat 8000h Rated,3h	LSF HF Preheat 6000h Rated,3h	LSF HF Preheat 4000h Rated,3h	LSF HF Preheat 2000h Rated,3h	LSF EM 20000h Rated, 3h cycle	LSF EM 16000h Rated, 3h cycle	LSF EM 12000h Rated,3h cycle	LSF EM 8000h Rated, 3h cycle	LSF EM 6000h Rated, 3h cycle	LSF EM 4000h Rated, 3h cycle
927903008270	MASTER PL-L 18W/ 827/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903008272	MASTER PL-L 18W/ 827/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903008370	MASTER PL-L 18W/ 830/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903008372	MASTER PL-L 18W/ 830/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903008470	MASTER PL-L 18W/ 840/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903008472	MASTER PL-L 18W/ 840/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903083570	MASTER PL-L 18W/ 835/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903086572	MASTER PL-L 18W/ 865/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903208270	MASTER PL-L 24W/ 827/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %

Order code	Full product name	LSF HF Preheat 8000h Rated,3h	LSF HF Preheat 6000h Rated,3h	LSF HF Preheat 4000h Rated,3h	LSF HF Preheat 2000h Rated,3h	LSF EM 20000h Rated, 3h cycle	LSF EM 16000h Rated, 3h cycle	LSF EM 12000h Rated,3h cycle	LSF EM 8000h Rated, 3h cycle	LSF EM 6000h Rated, 3h cycle	LSF EM 4000h Rated, 3h cycle
927903208370	MASTER PL-L 24W/ 830/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903208470	MASTER PL-L 24W/ 840/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903208471	MASTER PL-L 24W/ 840/4P UNP	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903208472	MASTER PL-L 24W/ 840/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903286570	MASTER PL-L 24W/ 865/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903408270	MASTER PL-L 36W/ 827/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903408272	MASTER PL-L 36W/ 827/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903408370	MASTER PL-L 36W/ 830/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903408470	MASTER PL-L 36W/ 840/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903408473	MASTER PL-L 36W/ 840/4P UNP	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927903486570	MASTER PL-L 36W/ 865/4P 1CT	97 %	98 %	99 %	99 %	%	%	80 %	94 %	96 %	98 %
927908208370	MASTER PL-L 40W/ 830/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%
927908208470	MASTER PL-L 40W/ 840/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%
927908283570	MASTER PL-L 40W/ 835/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%
927908708370	MASTER PL-L 55W/ 830/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%
927908708470	MASTER PL-L 55W/ 840/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%
927908708472	MASTER PL-L 55W/ 840/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%
927908783570	MASTER PL-L 55W/ 835/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%
927908786570	MASTER PL-L 55W/ 865/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%
927909583070	MASTER PL-L 80W/ 830/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%
927909584070	MASTER PL-L 80W/ 840/4P 1CT	97 %	98 %	99 %	99 %	%	%	%	%	%	%

General Characteristics (3/3)

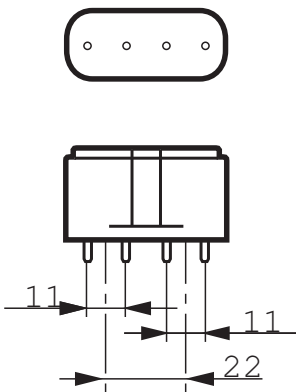
Order code	Full product name	LSF EM 2000h Rated,3h cycle	LSF HF Preheat 16000h Rated, 3h
927903008270	MASTER PL-L 18W/827/4P 1CT	99 %	82 %
927903008272	MASTER PL-L 18W/827/4P 1CT	99 %	82 %
927903008370	MASTER PL-L 18W/830/4P 1CT	99 %	82 %
927903008372	MASTER PL-L 18W/830/4P 1CT	99 %	82 %
927903008470	MASTER PL-L 18W/840/4P 1CT	99 %	82 %
927903008472	MASTER PL-L 18W/840/4P 1CT	99 %	82 %

Order code	Full product name	LSF EM 2000h Rated,3h cycle	LSF HF Preheat 16000h Rated, 3h
927903083570	MASTER PL-L 18W/835/4P 1CT	99 %	82 %
927903086572	MASTER PL-L 18W/865/4P 1CT	99 %	82 %
927903208270	MASTER PL-L 24W/827/4P 1CT	99 %	82 %
927903208370	MASTER PL-L 24W/830/4P 1CT	99 %	82 %
927903208470	MASTER PL-L 24W/840/4P 1CT	99 %	82 %
927903208471	MASTER PL-L 24W/840/4P UNP	99 %	82 %

Order code	Full product name	LSF EM 2000h Rated,3h cycle	LSF HF Preheat 16000h Rated, 3h
927903208472	MASTER PL-L 24W/840/4P 1CT	99 %	82 %
927903286570	MASTER PL-L 24W/865/4P 1CT	99 %	82 %
927903408270	MASTER PL-L 36W/827/4P 1CT	99 %	82 %
927903408272	MASTER PL-L 36W/827/4P 1CT	99 %	82 %
927903408370	MASTER PL-L 36W/830/4P 1CT	99 %	82 %
927903408470	MASTER PL-L 36W/840/4P 1CT	99 %	82 %
927903408473	MASTER PL-L 36W/840/4P UNP	99 %	82 %
927903486570	MASTER PL-L 36W/865/4P 1CT	99 %	82 %
927908208370	MASTER PL-L 40W/830/4P 1CT	%	82 %
927908208470	MASTER PL-L 40W/840/4P 1CT	%	82 %

Order code	Full product name	LSF EM 2000h Rated,3h cycle	LSF HF Preheat 16000h Rated, 3h
927908283570	MASTER PL-L 40W/835/4P 1CT	%	82 %
927908708370	MASTER PL-L 55W/830/4P 1CT	%	82 %
927908708470	MASTER PL-L 55W/840/4P 1CT	%	82 %
927908708472	MASTER PL-L 55W/840/4P 1CT	%	82 %
927908783570	MASTER PL-L 55W/835/4P 1CT	%	82 %
927908786570	MASTER PL-L 55W/865/4P 1CT	%	82 %
927909583070	MASTER PL-L 80W/830/4P 1CT	%	82 %
927909584070	MASTER PL-L 80W/840/4P 1CT	%	82 %

Installation diagrams



2G11

Light Technical Characteristics (1/3)

Order code	Full product name	Color Code	Color Designation (text)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Color Temperature	Lum Efficacy Rated HF 25°C	LLMF EM 20000h Rated	LLMF EM 16000h Rated	LLMF EM 12000h Rated
927903008270	MASTER PL-L 18W/ 827/4P 1CT	827	Incandescent White	465 -	420 -	82 Ra8	2700 K	-	%	%	90 %
927903008272	MASTER PL-L 18W/ 827/4P 1CT	827	Incandescent White	465 -	420 -	82 Ra8	2700 K	-	%	%	90 %
927903008370	MASTER PL-L 18W/ 830/4P 1CT	830	Warm White	440 -	405 -	82 Ra8	3000 K	-	%	%	90 %
927903008372	MASTER PL-L 18W/ 830/4P 1CT	830	Warm White	440 -	405 -	82 Ra8	3000 K	-	%	%	90 %
927903008470	MASTER PL-L 18W/ 840/4P 1CT	840	Cool White	380 -	380 -	82 Ra8	4000 K	67 Lm/W	%	%	90 %

Order code	Full product name	Color Code	Color Designation (text)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Color Temperature	Lum Efficacy Rated HF 25°C	LLMF EM 20000h Rated	LLMF EM 16000h Rated	LLMF EM 12000h Rated
927903008472	MASTER PL-L 18W/ 840/4P 1CT	840	Cool White	380 -	380 -	82 Ra8	4000 K	67 Lm/W	%	%	90 %
927903083570	MASTER PL-L 18W/ 835/4P 1CT	835	White	410 -	395 -	82 Ra8	3500 K	-	%	%	90 %
927903086572	MASTER PL-L 18W/ 865/4P 1CT	865	Cool Daylight	305 -	325 -	80 Ra8	6500 K	-	%	%	87 %
927903208270	MASTER PL-L 24W/ 827/4P 1CT	827	Incandescent White	465 -	420 -	82 Ra8	2700 K	-	%	%	90 %
927903208370	MASTER PL-L 24W/ 830/4P 1CT	830	Warm White	440 -	405 -	82 Ra8	3000 K	-	%	%	90 %
927903208470	MASTER PL-L 24W/ 840/4P 1CT	840	Cool White	380 -	380 -	82 Ra8	4000 K	-	%	%	90 %
927903208471	MASTER PL-L 24W/ 840/4P UNIP	840	Cool White	380 -	380 -	82 Ra8	4000 K	-	%	%	90 %
927903208472	MASTER PL-L 24W/ 840/4P 1CT	840	Cool White	380 -	380 -	82 Ra8	4000 K	-	%	%	90 %
927903286570	MASTER PL-L 24W/ 865/4P 1CT	865	Cool Daylight	305 -	325 -	80 Ra8	6500 K	-	%	%	87 %
927903408270	MASTER PL-L 36W/ 827/4P 1CT	827	Incandescent White	465 -	420 -	82 Ra8	2700 K	-	%	%	90 %
927903408272	MASTER PL-L 36W/ 827/4P 1CT	827	Incandescent White	465 -	420 -	82 Ra8	2700 K	-	%	%	90 %
927903408370	MASTER PL-L 36W/ 830/4P 1CT	830	Warm White	440 -	405 -	82 Ra8	3000 K	-	%	%	90 %
927903408470	MASTER PL-L 36W/ 840/4P 1CT	840	Cool White	380 -	380 -	82 Ra8	4000 K	-	%	%	90 %
927903408473	MASTER PL-L 36W/ 840/4P UNIP	840	Cool White	380 -	380 -	82 Ra8	4000 K	-	%	%	90 %
927903486570	MASTER PL-L 36W/ 865/4P 1CT	865	Cool Daylight	305 -	325 -	80 Ra8	6500 K	-	%	%	87 %
927908208370	MASTER PL-L 40W/ 830/4P 1CT	830	Warm White	440 -	405 -	82 Ra8	3000 K	-	%	%	%
927908208470	MASTER PL-L 40W/ 840/4P 1CT	840	Cool White	380 -	380 -	82 Ra8	4000 K	-	%	%	%
927908283570	MASTER PL-L 40W/ 835/4P 1CT	835	White	410 -	395 -	82 Ra8	3500 K	-	%	%	%
927908708370	MASTER PL-L 55W/ 830/4P 1CT	830	Warm White	440 -	405 -	82 Ra8	3000 K	-	%	%	%
927908708470	MASTER PL-L 55W/ 840/4P 1CT	840	Cool White	385 -	380 -	82 Ra8	4000 K	-	%	%	%
927908708472	MASTER PL-L 55W/ 840/4P 1CT	840	Cool White	385 -	380 -	82 Ra8	4000 K	-	%	%	%
927908783570	MASTER PL-L 55W/ 835/4P 1CT	835	Warm White	410 -	395 -	82 Ra8	3500 K	-	%	%	%
927908786570	MASTER PL-L 55W/ 865/4P 1CT	865	Cool Daylight	309 -	332 -	80 Ra8	6500 K	-	%	%	%
927909583070	MASTER PL-L 80W/ 830/4P 1CT	830	Warm White	440 -	405 -	82 Ra8	3000 K	-	%	%	%
927909584070	MASTER PL-L 80W/ 840/4P 1CT	840	Cool White	380 -	380 -	82 Ra8	4000 K	-	%	%	%

Light Technical Characteristics (2/3)

Order code	Full product name	LLMF EM 8000h Rated	LLMF EM 6000h Rated	LLMF EM 4000h Rated	LLMF EM 2000h Rated	LLMF HF 20000h Rated	LLMF HF 16000h Rated	LLMF HF 12000h Rated	LLMF HF 8000h Rated	LLMF HF 6000h Rated	LLMF HF 4000h Rated
927903008270	MASTER PL-L 18W/ 827/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903008272	MASTER PL-L 18W/ 827/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903008370	MASTER PL-L 18W/ 830/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903008372	MASTER PL-L 18W/ 830/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903008470	MASTER PL-L 18W/ 840/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903008472	MASTER PL-L 18W/ 840/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903083570	MASTER PL-L 18W/ 835/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903086572	MASTER PL-L 18W/ 865/4P 1CT	89 %	90 %	91 %	93 %	87 %	88 %	90 %	91 %	92 %	93 %
927903208270	MASTER PL-L 24W/ 827/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903208370	MASTER PL-L 24W/ 830/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903208470	MASTER PL-L 24W/ 840/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903208471	MASTER PL-L 24W/ 840/4P UNP	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903208472	MASTER PL-L 24W/ 840/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903286570	MASTER PL-L 24W/ 865/4P 1CT	89 %	90 %	91 %	93 %	87 %	88 %	90 %	91 %	92 %	93 %
927903408270	MASTER PL-L 36W/ 827/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903408272	MASTER PL-L 36W/ 827/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903408370	MASTER PL-L 36W/ 830/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903408470	MASTER PL-L 36W/ 840/4P 1CT	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903408473	MASTER PL-L 36W/ 840/4P UNP	91 %	92 %	93 %	94 %	90 %	90 %	91 %	92 %	93 %	94 %
927903486570	MASTER PL-L 36W/ 865/4P 1CT	89 %	90 %	91 %	93 %	87 %	88 %	90 %	91 %	92 %	93 %
927908208370	MASTER PL-L 40W/ 830/4P 1CT	%	%	%	%	90 %	90 %	91 %	92 %	93 %	94 %
927908208470	MASTER PL-L 40W/ 840/4P 1CT	%	%	%	%	90 %	90 %	91 %	92 %	93 %	94 %
927908283570	MASTER PL-L 40W/ 835/4P 1CT	%	%	%	%	90 %	90 %	91 %	92 %	93 %	94 %
927908708370	MASTER PL-L 55W/ 830/4P 1CT	%	%	%	%	90 %	90 %	91 %	92 %	93 %	94 %
927908708470	MASTER PL-L 55W/ 840/4P 1CT	%	%	%	%	90 %	90 %	91 %	92 %	93 %	94 %
927908708472	MASTER PL-L 55W/ 840/4P 1CT	%	%	%	%	90 %	90 %	91 %	92 %	93 %	94 %
927908783570	MASTER PL-L 55W/ 835/4P 1CT	%	%	%	%	90 %	90 %	91 %	92 %	93 %	94 %
927908786570	MASTER PL-L 55W/ 865/4P 1CT	%	%	%	%	87 %	88 %	90 %	91 %	92 %	93 %

Order code	Full product name	LLMF EM 8000h Rated	LLMF EM 6000h Rated	LLMF EM 4000h Rated	LLMF EM 2000h Rated	LLMF HF 20000h Rated	LLMF HF 16000h Rated	LLMF HF 12000h Rated	LLMF HF 8000h Rated	LLMF HF 6000h Rated	LLMF HF 4000h Rated
927909583070	MASTER PL-L 80W/830/4P 1CT	%	%	%	%	90 %	90 %	91 %	92 %	93 %	94 %
927909584070	MASTER PL-L 80W/840/4P 1CT	%	%	%	%	90 %	90 %	91 %	92 %	93 %	94 %

Light Technical Characteristics (3/3)

Order code	Full product name	LLMF HF 2000h Rated	Luminous Flux EL 25°C, Rated	Luminous Flux EL 25°C, Nominal	Lum Flux Rated HF 25°C,horiz	Lum Flux Nominal HF 25°C,horiz	Lum Efficacy Rated HF 25°C,hor	Design Temperature	Lum Efficacy Rated EM 25°C,hor	Lum Flux Nominal EM 25°C,horiz	Lum Flux Rated EM 25°C,horiz
927903008270	MASTER PL-L 18W/827/4P 1CT	95 %	1200 Lm	1200 Lm	1200 Lm	1200 Lm	67 Lm/W	30 C	67 Lm/W	1200 Lm	1200 Lm
927903008272	MASTER PL-L 18W/827/4P 1CT	95 %	1200 Lm	1200 Lm	1200 Lm	1200 Lm	67 Lm/W	30 C	67 Lm/W	1200 Lm	1200 Lm
927903008370	MASTER PL-L 18W/830/4P 1CT	95 %	1200 Lm	1200 Lm	1200 Lm	1200 Lm	67 Lm/W	30 C	67 Lm/W	1200 Lm	1200 Lm
927903008372	MASTER PL-L 18W/830/4P 1CT	95 %	1200 Lm	1200 Lm	1200 Lm	1200 Lm	67 Lm/W	30 C	67 Lm/W	1200 Lm	1200 Lm
927903008470	MASTER PL-L 18W/840/4P 1CT	95 %	1200 Lm	1200 Lm	1200 Lm	1200 Lm	-	30 C	67 Lm/W	1200 Lm	1200 Lm
927903008472	MASTER PL-L 18W/840/4P 1CT	95 %	1200 Lm	1200 Lm	1200 Lm	1200 Lm	-	30 C	67 Lm/W	1200 Lm	1200 Lm
927903083570	MASTER PL-L 18W/835/4P 1CT	95 %	1200 Lm	1200 Lm	1200 Lm	1200 Lm	67 Lm/W	30 C	67 Lm/W	1200 Lm	1200 Lm
927903086572	MASTER PL-L 18W/865/4P 1CT	94 %	1170 Lm	1200 Lm	1170 Lm	1200 Lm	5 Lm/W	30 C	5 Lm/W	1200 Lm	1170 Lm
927903208270	MASTER PL-L 24W/827/4P 1CT	95 %	1800 Lm	1800 Lm	1800 Lm	1800 Lm	75 Lm/W	30 C	75 Lm/W	1800 Lm	1800 Lm
927903208370	MASTER PL-L 24W/830/4P 1CT	95 %	1800 Lm	1800 Lm	1800 Lm	1800 Lm	75 Lm/W	30 C	75 Lm/W	1800 Lm	1800 Lm
927903208470	MASTER PL-L 24W/840/4P 1CT	95 %	1800 Lm	1800 Lm	1800 Lm	1800 Lm	75 Lm/W	30 C	75 Lm/W	1800 Lm	1800 Lm
927903208471	MASTER PL-L 24W/840/4P UNP	95 %	1800 Lm	1800 Lm	1800 Lm	1800 Lm	75 Lm/W	30 C	75 Lm/W	1800 Lm	1800 Lm
927903208472	MASTER PL-L 24W/840/4P 1CT	95 %	1800 Lm	1800 Lm	1800 Lm	1800 Lm	75 Lm/W	30 C	75 Lm/W	1800 Lm	1800 Lm
927903286570	MASTER PL-L 24W/865/4P 1CT	94 %	1750 Lm	1800 Lm	1750 Lm	1800 Lm	73 Lm/W	30 C	73 Lm/W	1800 Lm	1750 Lm
927903408270	MASTER PL-L 36W/827/4P 1CT	95 %	2900 Lm	2900 Lm	2900 Lm	2900 Lm	81 Lm/W	30 C	81 Lm/W	2900 Lm	2900 Lm

Order code	Full product name	LLMF HF 2000h Rated	Luminous Flux EL 25°C, Rated	Luminous Flux EL 25°C, Nominal	Lum Flux Rated HF 25°C,horiz	Lum Flux Nominal HF 25°C,horiz	Lum Efficacy Rated HF 25°C,hor	Design Temperature	Lum Efficacy Rated EM 25°C,hor	Lum Flux Nominal EM 25°C,horiz	Lum Flux Rated EM 25°C,horiz
927903408272	MASTER PL-L 36W/827/4P 1CT	95 %	2900 Lm	2900 Lm	2900 Lm	2900 Lm	81 Lm/W	30 C	81 Lm/W	2900 Lm	2900 Lm
927903408370	MASTER PL-L 36W/830/4P 1CT	95 %	2900 Lm	2900 Lm	2900 Lm	2900 Lm	81 Lm/W	30 C	81 Lm/W	2900 Lm	2900 Lm
927903408470	MASTER PL-L 36W/840/4P 1CT	95 %	2900 Lm	2900 Lm	2900 Lm	2900 Lm	81 Lm/W	30 C	81 Lm/W	2900 Lm	2900 Lm
927903408473	MASTER PL-L 36W/840/4P UNP	95 %	2900 Lm	2900 Lm	2900 Lm	2900 Lm	81 Lm/W	30 C	81 Lm/W	2900 Lm	2900 Lm
927903486570	MASTER PL-L 36W/865/4P 1CT	94 %	2880 Lm	2900 Lm	2880 Lm	2900 Lm	80 Lm/W	30 C	80 Lm/W	2900 Lm	2880 Lm
927908208370	MASTER PL-L 40W/830/4P 1CT	95 %	3500 Lm	3500 Lm	3500 Lm	3500 Lm	88 Lm/W	30 C	Lm/W	Lm	Lm
927908208470	MASTER PL-L 40W/840/4P 1CT	95 %	3500 Lm	3500 Lm	3500 Lm	3500 Lm	88 Lm/W	30 C	Lm/W	Lm	Lm
927908283570	MASTER PL-L 40W/835/4P 1CT	95 %	Lm	Lm	3500 Lm	3500 Lm	88 Lm/W	30 C	Lm/W	Lm	Lm
927908708370	MASTER PL-L 55W/830/4P 1CT	95 %	4800 Lm	4800 Lm	4800 Lm	4800 Lm	87 Lm/W	30 C	Lm/W	Lm	Lm
927908708470	MASTER PL-L 55W/840/4P 1CT	95 %	4800 Lm	4800 Lm	4800 Lm	4800 Lm	87 Lm/W	30 C	Lm/W	Lm	Lm
927908708472	MASTER PL-L 55W/840/4P 1CT	95 %	4800 Lm	4800 Lm	4800 Lm	4800 Lm	87 Lm/W	30 C	Lm/W	Lm	Lm
927908783570	MASTER PL-L 55W/835/4P 1CT	95 %	Lm	Lm	4800 Lm	4800 Lm	87 Lm/W	30 C	Lm/W	Lm	Lm
927908786570	MASTER PL-L 55W/865/4P 1CT	94 %	Lm	Lm	4500 Lm	4800 Lm	82 Lm/W	30 C	Lm/W	Lm	Lm
927909583070	MASTER PL-L 80W/830/4P 1CT	95 %	6000 Lm	6000 Lm	6000 Lm	6000 Lm	75 Lm/W	30 C	Lm/W	Lm	Lm
927909584070	MASTER PL-L 80W/840/4P 1CT	95 %	6000 Lm	6000 Lm	6000 Lm	6000 Lm	75 Lm/W	30 C	Lm/W	Lm	Lm

Electrical Characteristics

Order code	Full product name	Lamp Wattage	Dimmable	Lamp Current EL 25°C	Lamp Voltage EL 25°C	Lamp Current EM 25°C	Lamp Wattage EM 25°C, Rated	Lamp Wattage EL 25°C, Rated	Lamp Wattage EL 25°C, Nominal	Lamp Wattage EM 25°C, Nominal	Lamp Voltage EM 25°C
927903008270	MASTER PL-L 18W/827/4P 1CT	18 W	Yes	0.320 A	50 V	0.375 A	18.0 W	18.0 W	18 W	18 W	58 V
927903008272	MASTER PL-L 18W/827/4P 1CT	18 W	Yes	0.320 A	50 V	0.375 A	18.0 W	18.0 W	18 W	18 W	58 V

Order code	Full product name	Lamp Wattage	Dimmable	Lamp Current EL 25°C	Lamp Voltage EL 25°C	Lamp Current EM 25°C	Lamp Wattage EL 25°C, Rated	Lamp Wattage EL 25°C, Rated	Lamp Wattage EL 25°C, Nominal	Lamp Wattage EM 25°C, Nominal	Lamp Voltage EM 25°C
927903008370	MASTER PL-L 18W/830/4P 1CT	18 W	Yes	0.320 A	50 V	0.375 A	18.0 W	18.0 W	18 W	18 W	58 V
927903008372	MASTER PL-L 18W/830/4P 1CT	18 W	Yes	0.320 A	50 V	0.375 A	18.0 W	18.0 W	18 W	18 W	58 V
927903008470	MASTER PL-L 18W/840/4P 1CT	18 W	Yes	0.320 A	50 V	0.375 A	18.0 W	18.0 W	18 W	18 W	58 V
927903008472	MASTER PL-L 18W/840/4P 1CT	18 W	Yes	0.320 A	50 V	0.375 A	18.0 W	18.0 W	18 W	18 W	58 V
927903083570	MASTER PL-L 18W/835/4P 1CT	18 W	Yes	0.320 A	50 V	0.375 A	18.0 W	18.0 W	18 W	18 W	58 V
927903086572	MASTER PL-L 18W/865/4P 1CT	18 W	Yes	0.320 A	50 V	0.375 A	18.0 W	18.0 W	18 W	18 W	58 V
927903208270	MASTER PL-L 24W/827/4P 1CT	24 W	Yes	0.300 A	75 V	0.345 A	24.0 W	24.0 W	24 W	24 W	87 V
927903208370	MASTER PL-L 24W/830/4P 1CT	24 W	Yes	0.300 A	75 V	0.345 A	24.0 W	24.0 W	24 W	24 W	87 V
927903208470	MASTER PL-L 24W/840/4P 1CT	24 W	Yes	0.300 A	75 V	0.345 A	24.0 W	24.0 W	24 W	24 W	87 V
927903208471	MASTER PL-L 24W/840/4P UNP	24 W	Yes	0.300 A	75 V	0.345 A	24.0 W	24.0 W	24 W	24 W	87 V
927903208472	MASTER PL-L 24W/840/4P 1CT	24 W	Yes	0.300 A	75 V	0.345 A	24.0 W	24.0 W	24 W	24 W	87 V
927903286570	MASTER PL-L 24W/865/4P 1CT	24 W	Yes	0.300 A	75 V	0.345 A	24.0 W	24.0 W	24 W	24 W	87 V
927903408270	MASTER PL-L 36W/827/4P 1CT	36 W	Yes	0.360 A	90 V	0.435 A	36.0 W	26.0 W	26 W	36 W	106 V
927903408272	MASTER PL-L 36W/827/4P 1CT	36 W	Yes	0.360 A	90 V	0.435 A	36.0 W	26.0 W	26 W	36 W	106 V
927903408370	MASTER PL-L 36W/830/4P 1CT	36 W	Yes	0.360 A	90 V	0.435 A	36.0 W	36.0 W	36 W	36 W	106 V
927903408470	MASTER PL-L 36W/840/4P 1CT	36 W	Yes	0.360 A	90 V	0.435 A	36.0 W	36.0 W	36 W	36 W	106 V
927903408473	MASTER PL-L 36W/840/4P UNP	36 W	Yes	0.360 A	90 V	0.435 A	36.0 W	36.0 W	36 W	36 W	106 V
927903486570	MASTER PL-L 36W/865/4P 1CT	36 W	Yes	0.360 A	90 V	0.435 A	36.0 W	36.0 W	36 W	36 W	106 V
927908208370	MASTER PL-L 40W/830/4P 1CT	40 W	Yes	0.320 A	126 V	A	W	40.0 W	40 W	W	V
927908208470	MASTER PL-L 40W/840/4P 1CT	40 W	Yes	0.320 A	126 V	A	W	40.0 W	40 W	W	V
927908283570	MASTER PL-L 40W/835/4P 1CT	40 W	Yes	0.320 A	126 V	A	W	40.0 W	40 W	W	V
927908708370	MASTER PL-L 55W/830/4P 1CT	55 W	Yes	0.525 A	105 V	A	W	55.0 W	55 W	W	V
927908708470	MASTER PL-L 55W/840/4P 1CT	55 W	Yes	0.525 A	105 V	A	W	55.0 W	55 W	W	V
927908708472	MASTER PL-L 55W/840/4P 1CT	55 W	Yes	0.525 A	105 V	A	W	55.0 W	55 W	W	V
927908783570	MASTER PL-L 55W/835/4P 1CT	55 W	Yes	0.525 A	105 V	A	W	55.0 W	55 W	W	V
927908786570	MASTER PL-L 55W/865/4P 1CT	55 W	Yes	0.525 A	105 V	A	W	55.0 W	55 W	W	V
927909583070	MASTER PL-L 80W/830/4P 1CT	80 W	Yes	0.555 A	145 V	A	W	80.0 W	80 W	W	V
927909584070	MASTER PL-L 80W/840/4P 1CT	80 W	Yes	0.555 A	145 V	A	W	80.0 W	80 W	W	V

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927903008270	MASTER PL-L 18W/827/4P 1CT	B	2.0 mg
927903008272	MASTER PL-L 18W/827/4P 1CT	B	2.0 mg
927903008370	MASTER PL-L 18W/830/4P 1CT	B	2.0 mg
927903008372	MASTER PL-L 18W/830/4P 1CT	B	2.0 mg
927903008470	MASTER PL-L 18W/840/4P 1CT	B	2.0 mg
927903008472	MASTER PL-L 18W/840/4P 1CT	B	2.0 mg
927903083570	MASTER PL-L 18W/835/4P 1CT	B	2.0 mg
927903086572	MASTER PL-L 18W/865/4P 1CT	B	2.0 mg
927903208270	MASTER PL-L 24W/827/4P 1CT	B	2.0 mg
927903208370	MASTER PL-L 24W/830/4P 1CT	B	2.0 mg
927903208470	MASTER PL-L 24W/840/4P 1CT	B	2.0 mg
927903208471	MASTER PL-L 24W/840/4P UNP	B	2.0 mg
927903208472	MASTER PL-L 24W/840/4P 1CT	B	2.0 mg
927903286570	MASTER PL-L 24W/865/4P 1CT	B	2.0 mg
927903408270	MASTER PL-L 36W/827/4P 1CT	A	2.0 mg
927903408272	MASTER PL-L 36W/827/4P 1CT	A	2.0 mg
927903408370	MASTER PL-L 36W/830/4P 1CT	A	2.0 mg
927903408470	MASTER PL-L 36W/840/4P 1CT	A	2.0 mg
927903408473	MASTER PL-L 36W/840/4P UNP	A	2.0 mg
927903486570	MASTER PL-L 36W/865/4P 1CT	A	2.0 mg
927908208370	MASTER PL-L 40W/830/4P 1CT	A	2.0 mg
927908208470	MASTER PL-L 40W/840/4P 1CT	A	2.0 mg
927908283570	MASTER PL-L 40W/835/4P 1CT	A	2.0 mg
927908708370	MASTER PL-L 55W/830/4P 1CT	A	2.0 mg
927908708470	MASTER PL-L 55W/840/4P 1CT	A	2.0 mg
927908708472	MASTER PL-L 55W/840/4P 1CT	A	2.0 mg
927908783570	MASTER PL-L 55W/835/4P 1CT	A	2.0 mg
927908786570	MASTER PL-L 55W/865/4P 1CT	A	2.0 mg
927909583070	MASTER PL-L 80W/830/4P 1CT	B	2.0 mg
927909584070	MASTER PL-L 80W/840/4P 1CT	B	2.0 mg

Measuring Conditions

Order code	Full product name	Calibration Current	HF Generator Rated Voltage	Resistor
927903008270	MASTER PL-L 18W/827/4P 1CT	A	V	ohm
927903008272	MASTER PL-L 18W/827/4P 1CT	A	V	ohm
927903008370	MASTER PL-L 18W/830/4P 1CT	A	V	ohm
927903008372	MASTER PL-L 18W/830/4P 1CT	A	V	ohm
927903008470	MASTER PL-L 18W/840/4P 1CT	A	V	ohm
927903008472	MASTER PL-L 18W/840/4P 1CT	A	V	ohm

Order code	Full product name	Calibration Current	HF Generator Rated Voltage	Resistor
927903083570	MASTER PL-L 18W/835/4P 1CT	A	V	ohm
927903086572	MASTER PL-L 18W/865/4P 1CT	A	V	ohm
927903208270	MASTER PL-L 24W/827/4P 1CT	A	V	ohm
927903208370	MASTER PL-L 24W/830/4P 1CT	A	V	ohm
927903208470	MASTER PL-L 24W/840/4P 1CT	A	V	ohm
927903208471	MASTER PL-L 24W/840/4P UNP	A	V	ohm
927903208472	MASTER PL-L 24W/840/4P 1CT	A	V	ohm
927903286570	MASTER PL-L 24W/865/4P 1CT	A	V	ohm
927903408270	MASTER PL-L 36W/827/4P 1CT	A	V	ohm
927903408272	MASTER PL-L 36W/827/4P 1CT	A	V	ohm
927903408370	MASTER PL-L 36W/830/4P 1CT	A	V	ohm
927903408470	MASTER PL-L 36W/840/4P 1CT	A	V	ohm
927903408473	MASTER PL-L 36W/840/4P UNP	A	V	ohm
927903486570	MASTER PL-L 36W/865/4P 1CT	A	V	ohm
927908208370	MASTER PL-L 40W/830/4P 1CT	0.320 A	254 V	400 ohm
927908208470	MASTER PL-L 40W/840/4P 1CT	0.320 A	254 V	400 ohm
927908283570	MASTER PL-L 40W/835/4P 1CT	0.320 A	254 V	400 ohm
927908708370	MASTER PL-L 55W/830/4P 1CT	0.550 A	202 V	185 ohm
927908708470	MASTER PL-L 55W/840/4P 1CT	0.550 A	202 V	185 ohm
927908708472	MASTER PL-L 55W/840/4P 1CT	0.550 A	202 V	185 ohm
927908783570	MASTER PL-L 55W/835/4P 1CT	0.550 A	202 V	185 ohm
927908786570	MASTER PL-L 55W/865/4P 1CT	0.550 A	202 V	185 ohm
927909583070	MASTER PL-L 80W/830/4P 1CT	A	V	ohm
927909584070	MASTER PL-L 80W/840/4P 1CT	A	V	ohm



© 2012 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

2012, November 10
data subject to change