



# A mais fiável!

## MASTER PL-L 4 Pinos

A MASTER PL-L é uma lâmpada fluorescente compacta linear de potência média a alta, normalmente utilizada para luminárias de tecto de iluminação geral em aplicações de revenda, hotelaria e escritório que exigem níveis de iluminação elevados. A tecnologia de ponte original inventada pela Philips garante um desempenho ideal na aplicação, proporcionando mais luz e maior eficiência do que a tecnologia dobrada. Destina-se à utilização com controlo electromagnético e electrónico HF e é fornecida com uma base de lâmpada de encaixe.

### Benefícios

- Desempenho de luz ideal em cada ligação para operação curta ou longa
- Longa duração e emissão de luz sustentável
- Várias opções de cor da luz
- Boa composição de cores (CRI >80)
- Regulação possível até 10%

### Características

- Base de 4 pinos
- Tecnologia fluorescente trifósforo
- Reduzida depreciação da luz ao longo da vida útil da lâmpada

### Aplicação

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

### Avisos e Segurança

- As características técnicas e eléctricas da luz das lâmpadas são influenciadas pelas condições de funcionamento, isto é, pela temperatura ambiente e pela posição de funcionamento da lâmpada, bem como pelo mecanismo de controlo aplicado
- A duração das lâmpadas é mais curta quando a comutação é frequente e quando os eléctrodos não são bem pré-aquecidos
- É extremamente improvável que a quebra de uma lâmpada tenha qualquer impacto na sua saúde. Se uma lâmpada quebrar, ventile a divisão durante 30 minutos e remova as partes da lâmpada, de preferência com luvas. Coloque-as num saco de plástico fechado e leve-o para o ecocentro mais próximo para reciclagem. Não utilize o aspirador.

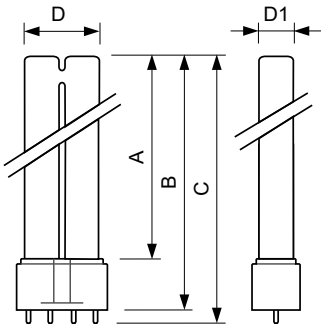
## MASTER PL-L 4 Pinos

### Versions



# MASTER PL-L 4 Pinos

## Desenho dimensional



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L 55W/865/4P 1CT/25	39,0 mm	18,0 mm	509,2 mm	535 mm	541,6 mm
MASTER PL-L 36W/ 830/4P 1CT/25	39,0 mm	18,0 mm	384,2 mm	410 mm	416,6 mm
MASTER PL-L 36W/827/4P 1CT/25	39,0 mm	18,0 mm	384,2 mm	410 mm	416,6 mm
MASTER PL-L 18W/840/4P 1CT/25	39,0 mm	18,0 mm	194,2 mm	220 mm	226,6 mm
MASTER PL-L 18W/827/4P 1CT/25	39,0 mm	18,0 mm	194,2 mm	220 mm	226,6 mm
MASTER PL-L 55W/840/4P 1CT/25	39,0 mm	18,0 mm	509,2 mm	535 mm	541,6 mm
MASTER PL-L 55W/830/4P 1CT/25	39,0 mm	18,0 mm	509,2 mm	535 mm	541,6 mm
MASTER PL-L 36W/865/4P 1CT/25	39,0 mm	18,0 mm	384,2 mm	410 mm	416,6 mm
MASTER PL-L 80W/ 830/4P 1CT/25	39,0 mm	18,0 mm	539,2 mm	565 mm	571,6 mm
MASTER PL-L 18W/830/4P 1CT/25	39,0 mm	18,0 mm	194,2 mm	220 mm	226,6 mm
MASTER PL-L 24W/827/4P 1CT/25	39,0 mm	18,0 mm	289,2 mm	315 mm	321,6 mm
MASTER PL-L 40W/ 830/4P 1CT/25	39,0 mm	18,0 mm	509,2 mm	535 mm	541,6 mm
MASTER PL-L 40W/ 840/4P 1CT/25	39,0 mm	18,0 mm	509,2 mm	535 mm	541,6 mm
MASTER PL-L 80W/ 840/4P 1CT/25	39,0 mm	18,0 mm	539,2 mm	565 mm	571,6 mm
MASTER PL-L 24W/865/4P 1CT/25	39,0 mm	18,0 mm	289,2 mm	315 mm	321,6 mm
MASTER PL-L 24W/ 840/4P 1CT/25	39,0 mm	18,0 mm	289,2 mm	315 mm	321,6 mm
MASTER PL-L 24W/830/4P 1CT/25	39,0 mm	18,0 mm	289,2 mm	315 mm	321,6 mm
MASTER PL-L 36W/ 840/4P 1CT/25	39,0 mm	18,0 mm	384,2 mm	410 mm	416,6 mm

# MASTER PL-L 4 Pinos

## Aprovação e aplicação

Conteúdo de mercúrio (Hg) (Nom.) 2,0 mg

## Controles e regulação

Regulável true

## Informações gerais

Casquilho 2G11

Vida útil até 50% de falhas pré-  
aquecimento (Nom.) 20000 h

LSF com pré-aquecimento 16 000 h  
nominal 82 %

LSF com pré-aquecimento 20 000 h  
nominal 50 %

LSF com pré-aquecimento 2000 h  
nominal 99 %

LSF com pré-aquecimento 4000 h  
nominal 99 %

LSF com pré-aquecimento 6000 h  
nominal 98 %

LSF com pré-aquecimento 8000 h  
nominal 97 %

## Temperatura

Temperatura de projeto (Nom.) 30 °C

## Aprovação e aplicação

Order Code	Full Product Name	Consumo de energia kWh/1000 h	Etiqueta de Eficiência
			Energética (EEL)
70667640	MASTER PL-L 18W/827/4P 1CT/25	20 kWh	A
70668340	MASTER PL-L 18W/830/4P 1CT/25	20 kWh	A
70669040	MASTER PL-L 18W/840/4P 1CT/25	20 kWh	A
70670640	MASTER PL-L 24W/827/4P 1CT/25	26 kWh	A
70671340	MASTER PL-L 24W/830/4P 1CT/25	26 kWh	A
70672040	MASTER PL-L 24W/840/4P 1CT/25	26 kWh	A
63517440	MASTER PL-L 24W/865/4P 1CT/25	26 kWh	A
70673740	MASTER PL-L 36W/827/4P 1CT/25	40 kWh	A
70674440	MASTER PL-L 36W/830/4P 1CT/25	40 kWh	A
70675140	MASTER PL-L 36W/840/4P 1CT/25	40 kWh	A
63520440	MASTER PL-L 36W/865/4P 1CT/25	40 kWh	A
61094240	MASTER PL-L 40W/830/4P 1CT/25	44 kWh	A+
61097340	MASTER PL-L 40W/840/4P 1CT/25	44 kWh	A+
61541140	MASTER PL-L 55W/830/4P 1CT/25	61 kWh	A
61542840	MASTER PL-L 55W/840/4P 1CT/25	61 kWh	A
26170040	MASTER PL-L 55W/865/4P 1CT/25	61 kWh	A
86708740	MASTER PL-L 80W/830/4P 1CT/25	88 kWh	A
86712440	MASTER PL-L 80W/840/4P 1CT/25	88 kWh	A

## Dados elétricos e de funcionamento

Order Code	Full Product Name	Corrente de lâmpada (Nom.)	Potência (Nominal) (Nom.)
70667640	MASTER PL-L 18W/827/4P 1CT/25	0,375 A	18,0 W
70668340	MASTER PL-L 18W/830/4P 1CT/25	0,375 A	18,0 W
70669040	MASTER PL-L 18W/840/4P 1CT/25	0,375 A	18,0 W
70670640	MASTER PL-L 24W/827/4P 1CT/25	0,345 A	24,0 W
70671340	MASTER PL-L 24W/830/4P 1CT/25	0,345 A	24,0 W
70672040	MASTER PL-L 24W/840/4P 1CT/25	0,345 A	24,0 W
63517440	MASTER PL-L 24W/865/4P 1CT/25	0,345 A	24,0 W
70673740	MASTER PL-L 36W/827/4P 1CT/25	0,435 A	36,0 W
70674440	MASTER PL-L 36W/830/4P 1CT/25	0,435 A	36 W

Order Code	Full Product Name	Corrente de lâmpada (Nom.)	Potência (Nominal) (Nom.)
70675140	MASTER PL-L 36W/840/4P 1CT/25	0,435 A	36,0 W
63520440	MASTER PL-L 36W/865/4P 1CT/25	0,435 A	36 W
61094240	MASTER PL-L 40W/830/4P 1CT/25	0,320 A	40,0 W
61097340	MASTER PL-L 40W/840/4P 1CT/25	0,320 A	40 W
61541140	MASTER PL-L 55W/830/4P 1CT/25	0,525 A	55 W
61542840	MASTER PL-L 55W/840/4P 1CT/25	0,525 A	55,0 W
26170040	MASTER PL-L 55W/865/4P 1CT/25	0,525 A	55,0 W
86708740	MASTER PL-L 80W/830/4P 1CT/25	0,555 A	80 W
86712440	MASTER PL-L 80W/840/4P 1CT/25	0,555 A	80,0 W

## Informações gerais (1/2)

Order Code	Full Product Name	Vida útil até 10% de falhas (Nom.)	Vida útil até 50% de falhas (Nom.)	LSF 12 000 h nominal	LSF 2000 h nominal
		70667640	MASTER PL-L 18W/827/4P 1CT/25	10000 h	15000 h
70668340	MASTER PL-L 18W/830/4P 1CT/25	10000 h	15000 h	80 %	99 %
70669040	MASTER PL-L 18W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %

Order Code	Full Product Name	Vida útil até 10% de falhas (Nom.)	Vida útil até 50% de falhas (Nom.)	LSF 12 000 h nominal	LSF 2000 h nominal
		70670640	MASTER PL-L 24W/827/4P 1CT/25	10000 h	15000 h
70671340	MASTER PL-L 24W/830/4P 1CT/25	10000 h	15000 h	80 %	99 %
70672040	MASTER PL-L 24W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %

## MASTER PL-L 4 Pinos

Order Code	Full Product Name	Vida útil	Vida útil	LSF 12 000 h nominal	LSF 2000 h nominal
		até 10% de falhas (Nom.)	até 50% de falhas (Nom.)		
63517440	MASTER PL-L 24W/ 865/4P 1CT/25	10000 h	15000 h	80 %	99 %
70673740	MASTER PL-L 36W/ 827/4P 1CT/25	10000 h	15000 h	80 %	99 %
70674440	MASTER PL-L 36W/ 830/4P 1CT/25	10000 h	15000 h	80 %	99 %
70675140	MASTER PL-L 36W/ 840/4P 1CT/25	10000 h	15000 h	80 %	99 %
63520440	MASTER PL-L 36W/ 865/4P 1CT/25	10000 h	15000 h	80 %	99 %
61094240	MASTER PL-L 40W/ 830/4P 1CT/25	-	-	-	-

Order Code	Full Product Name	Vida útil	Vida útil	LSF 12 000 h nominal	LSF 2000 h nominal
		até 10% de falhas (Nom.)	até 50% de falhas (Nom.)		
61097340	MASTER PL-L 40W/ 840/4P 1CT/25	-	-	-	-
61541140	MASTER PL-L 55W/ 830/4P 1CT/25	-	-	-	-
61542840	MASTER PL-L 55W/ 840/4P 1CT/25	-	-	-	-
26170040	MASTER PL-L 55W/ 865/4P 1CT/25	-	-	-	-
86708740	MASTER PL-L 80W/ 830/4P 1CT/25	-	-	-	-
86712440	MASTER PL-L 80W/ 840/4P 1CT/25	-	-	-	-

### Informações gerais (2/2)

Order Code	Full Product Name	LSF 4000	LSF 6000	LSF 8000	Descrição do sistema
		h nominal	h nominal	h nominal	
70667640	MASTER PL-L 18W/ 827/4P 1CT/25	98 %	96 %	94 %	na
70668340	MASTER PL-L 18W/ 830/4P 1CT/25	98 %	96 %	94 %	na
70669040	MASTER PL-L 18W/ 840/4P 1CT/25	98 %	96 %	94 %	na
70670640	MASTER PL-L 24W/ 827/4P 1CT/25	98 %	96 %	94 %	na
70671340	MASTER PL-L 24W/ 830/4P 1CT/25	98 %	96 %	94 %	na
70672040	MASTER PL-L 24W/ 840/4P 1CT/25	98 %	96 %	94 %	na
63517440	MASTER PL-L 24W/ 865/4P 1CT/25	98 %	96 %	94 %	na
70673740	MASTER PL-L 36W/ 827/4P 1CT/25	98 %	96 %	94 %	na
70674440	MASTER PL-L 36W/ 830/4P 1CT/25	98 %	96 %	94 %	na

Order Code	Full Product Name	LSF 4000	LSF 6000	LSF 8000	Descrição do sistema
		h nominal	h nominal	h nominal	
70675140	MASTER PL-L 36W/ 840/4P 1CT/25	98 %	96 %	94 %	na
63520440	MASTER PL-L 36W/ 865/4P 1CT/25	98 %	96 %	94 %	na
61094240	MASTER PL-L 40W/ 830/4P 1CT/25	-	-	-	High Frequency
61097340	MASTER PL-L 40W/ 840/4P 1CT/25	-	-	-	High Frequency
61541140	MASTER PL-L 55W/ 830/4P 1CT/25	-	-	-	High Frequency
61542840	MASTER PL-L 55W/ 840/4P 1CT/25	-	-	-	High Frequency
26170040	MASTER PL-L 55W/ 865/4P 1CT/25	-	-	-	High Frequency
86708740	MASTER PL-L 80W/ 830/4P 1CT/25	-	-	-	High Frequency
86712440	MASTER PL-L 80W/ 840/4P 1CT/25	-	-	-	High Frequency

### Dados técnicos de luminosidade (1/3)

Order Code	Full Product Name	Código da cor	Designação da cor	Temperatura de cor	Índice de restituição cromática
				correlacionada (Nom.)	
70667640	MASTER PL-L 18W/827/4P 1CT/25	827	Incandescent White	2700 K	82
70668340	MASTER PL-L 18W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80

Order Code	Full Product Name	Código da cor	Designação da cor	Temperatura de cor	Índice de restituição cromática
				correlacionada (Nom.)	
70669040	MASTER PL-L 18W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82
70670640	MASTER PL-L 24W/827/4P 1CT/25	827	Incandescent White	2700 K	82

## MASTER PL-L 4 Pinos

Order Code	Full Product Name	Código da cor	Designação da cor	Temperatura de cor correlacionada (Nom.)	Índice de restituição cromática (Nom.)	Order Code	Full Product Name	Código da cor	Designação da cor	Temperatura de cor correlacionada (Nom.)	Índice de restituição cromática (Nom.)
70671340	MASTER PL-L 24W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80	61094240	MASTER PL-L 40W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80
70672040	MASTER PL-L 24W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82	61097340	MASTER PL-L 40W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82
63517440	MASTER PL-L 24W/865/4P 1CT/25	865	Cool Daylight	6500 K	80	61541140	MASTER PL-L 55W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80
70673740	MASTER PL-L 36W/827/4P 1CT/25	827	Incandescent White	2700 K	82	61542840	MASTER PL-L 55W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82
70674440	MASTER PL-L 36W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80	26170040	MASTER PL-L 55W/865/4P 1CT/25	865	Cool Daylight	6500 K	80
70675140	MASTER PL-L 36W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82	86708740	MASTER PL-L 80W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80
63520440	MASTER PL-L 36W/865/4P 1CT/25	865	Cool Daylight	6500 K	80	86712440	MASTER PL-L 80W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82

### Dados técnicos de luminosidade (2/3)

Order Code	Full Product Name	LLMF 20				LLMF 4000 h nominal	LLMF 6000 h nominal	LLMF 8000 h nominal	Eficiência luminosa (nominal) (Nom.)	Fluxo luminoso (Nom.)
		LLMF 12 000 h nominal	LLMF 16 000 h nominal	LLMF 2000 h nominal	LLMF 000 h nominal					
70667640	MASTER PL-L 18W/827/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	67 lm/W	1200 lm
70668340	MASTER PL-L 18W/830/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	67 lm/W	1200 lm
70669040	MASTER PL-L 18W/840/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	67 lm/W	1200 lm
70670640	MASTER PL-L 24W/827/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	75 lm/W	1800 lm
70671340	MASTER PL-L 24W/830/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	75 lm/W	1800 lm
70672040	MASTER PL-L 24W/840/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	75 lm/W	1800 lm
63517440	MASTER PL-L 24W/865/4P 1CT/25	87 %	88 %	93 %	87 %	91 %	90 %	89 %	73 lm/W	1800 lm
70673740	MASTER PL-L 36W/827/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	81 lm/W	2900 lm
70674440	MASTER PL-L 36W/830/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	81 lm/W	2900 lm
70675140	MASTER PL-L 36W/840/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	81 lm/W	2900 lm
63520440	MASTER PL-L 36W/865/4P 1CT/25	87 %	88 %	93 %	87 %	91 %	90 %	89 %	80 lm/W	2900 lm

## MASTER PL-L 4 Pinos

Order Code	Full Product Name	LLMF 20							Eficiência luminosa (nominal) (Nom.)	Fluxo luminoso (Nom.)
		LLMF 12 000 h nominal	LLMF 16 000 h nominal	LLMF 2000 h nominal	LLMF 4000 h nominal	LLMF 6000 h nominal	LLMF 8000 h nominal	LLMF 2000 h nominal		
61094240	MASTER PL-L 40W/830/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	88 lm/W	3500 lm
61097340	MASTER PL-L 40W/840/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	88 lm/W	3500 lm
61541140	MASTER PL-L 55W/830/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	87 lm/W	4800 lm
61542840	MASTER PL-L 55W/840/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	87 lm/W	4800 lm
26170040	MASTER PL-L 55W/865/4P 1CT/25	90 %	88 %	94 %	87 %	93 %	92 %	91 %	82 lm/W	4600 lm
86708740	MASTER PL-L 80W/830/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	75 lm/W	6000 lm
86712440	MASTER PL-L 80W/840/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	75 lm/W	6000 lm

### Dados técnicos de luminosidade (3/3)

Order Code	Full Product Name	Fluxo luminoso (nominal) (Nom.)	Order Code	Full Product Name	Fluxo luminoso (nominal) (Nom.)
70667640	MASTER PL-L 18W/827/4P 1CT/25	1200 lm	70675140	MASTER PL-L 36W/840/4P 1CT/25	2900 lm
70668340	MASTER PL-L 18W/830/4P 1CT/25	1200 lm	63520440	MASTER PL-L 36W/865/4P 1CT/25	2880 lm
70669040	MASTER PL-L 18W/840/4P 1CT/25	1200 lm	61094240	MASTER PL-L 40W/830/4P 1CT/25	3500 lm
70670640	MASTER PL-L 24W/827/4P 1CT/25	1800 lm	61097340	MASTER PL-L 40W/840/4P 1CT/25	3500 lm
70671340	MASTER PL-L 24W/830/4P 1CT/25	1800 lm	61541140	MASTER PL-L 55W/830/4P 1CT/25	4800 lm
70672040	MASTER PL-L 24W/840/4P 1CT/25	1800 lm	61542840	MASTER PL-L 55W/840/4P 1CT/25	4800 lm
63517440	MASTER PL-L 24W/865/4P 1CT/25	1750 lm	26170040	MASTER PL-L 55W/865/4P 1CT/25	4800 lm
70673740	MASTER PL-L 36W/827/4P 1CT/25	2900 lm	86708740	MASTER PL-L 80W/830/4P 1CT/25	6000 lm
70674440	MASTER PL-L 36W/830/4P 1CT/25	2900 lm	86712440	MASTER PL-L 80W/840/4P 1CT/25	6000 lm

