



Brilho perfeito, eficiência incomparável

MASTERColour CDM-TC Elite

Lâmpada compacta de descarga de iodetos metálicos em cerâmica, com longa duração e eficiência muito elevada, que produz uma luz branca viva e brilhante com uma elevada restituição cromática

Benefícios

Características

Aplicação

Avisos e Segurança

Versions



MASTERColour CDM-TC Elite

Desenho dimensional



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-TC Elite 50W/942 G8.5 1CT	15 mm	7,1 mm	51 mm	53 mm	52 mm	85 mm
MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12	15 mm	4,8 mm	51 mm	53 mm	52 mm	85 mm
MASTERColour CDM-TC Elite 70W/930 G8.5 1CT/12	15 mm	7,15 mm	51 mm	53 mm	52 mm	85 mm
MASTERColour CDM-TC Elite 70W/942 G8.5 1CT	15 mm	7,75 mm	51 mm	53 mm	52 mm	85 mm
MASTERColour CDM-TC Elite 35W/942 G8.5 1CT	15 mm	5,2 mm	51 mm	53 mm	52 mm	85 mm
MASTERColour CDM-TC Elite 50W/930 G8.5 1CT/12	15 mm	6 mm	51 mm	53 mm	52 mm	85 mm

Product
MASTERColour CDM-TC Elite 20W/830 G8.5 1CT/12

Aprovação e aplicação

Etiqueta de Eficiência Energética (EEL) A+

Controles e regulação

Regulável Não

Dados elétricos e de funcionamento

Tempo de re-ignição (Min) (Max) 15 min

Informações gerais

Casquilho G8.5

Posição de funcionamento UNIVERSAL

Dados mecânicos e de revestimento

Acabamento da lâmpada Transparente

Forma da lâmpada T14

Aprovação e aplicação

Order Code	Full Product Name	Consumo de energia kWh/1000 h	Conteúdo de mercúrio (Hg) (Nom.)
20163200	MASTERColour CDM-TC Elite 50W/942 G8.5 1CT	55 kWh	5,7 mg

Order Code	Full Product Name	Consumo de energia kWh/1000 h	Conteúdo de mercúrio (Hg) (Nom.)
93062700	MASTERColour CDM-TC Elite 50W/930 G8.5 1CT/12	55 kWh	6,6 mg

MASTERColour CDM-TC Elite

Order Code	Full Product Name	Consumo de energia kWh/1000 h	Conteúdo de mercúrio (Hg) (Nom.)
87158600	MASTERColour CDM-TC Elite 20W/830 G8.5 1CT/12	22 kWh	3,5 mg
91149700	MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12	43 kWh	4,7 mg
16366400	MASTERColour CDM-TC Elite 35W/942 G8.5 1CT	43 kWh	4,9 mg

Order Code	Full Product Name	Consumo de energia kWh/1000 h	Conteúdo de mercúrio (Hg) (Nom.)
91153400	MASTERColour CDM-TC Elite 70W/930 G8.5 1CT/12	80 kWh	6,6 mg
16368800	MASTERColour CDM-TC Elite 70W/942 G8.5 1CT	80 kWh	6,6 mg

Dados elétricos e de funcionamento

Order Code	Full Product Name	Tensão (Máx.)	Tensão (Mín.)	Tensão (Nom.)	Potência (Nominal) (Mín.)	Potência (Nominal) (Nom.)
20163200	MASTERColour CDM-TC Elite 50W/942 G8.5 1CT	99 V	87 V	93 V	-	50,2 W
93062700	MASTERColour CDM-TC Elite 50W/930 G8.5 1CT/12	96 V	84 V	90 V	-	50,2 W
87158600	MASTERColour CDM-TC Elite 20W/830 G8.5 1CT/12	100 V	90 V	95 V	20,0 W	20,1 W
91149700	MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12	90 V	80 V	85 V	-	39,1 W
16366400	MASTERColour CDM-TC Elite 35W/942 G8.5 1CT	97 V	85 V	91 V	-	39,1 W
91153400	MASTERColour CDM-TC Elite 70W/930 G8.5 1CT/12	90 V	80 V	85 V	-	73,2 W
16368800	MASTERColour CDM-TC Elite 70W/942 G8.5 1CT	94 V	82 V	88 V	-	73,2 W

Informações gerais

Order Code	Full Product Name	Vida útil até 10% de falhas (Nom.)	Vida útil até 20% de falhas (Nom.)	Vida útil até 50% de falhas (Nom.)	Vida útil até 5% de falhas (Nom.)
20163200	MASTERColour CDM-TC Elite 50W/942 G8.5 1CT	10000 h	12000 h	15000 h	9000 h
93062700	MASTERColour CDM-TC Elite 50W/930 G8.5 1CT/12	14000 h	16000 h	20000 h	12000 h
87158600	MASTERColour CDM-TC Elite 20W/830 G8.5 1CT/12	14000 h	16000 h	20000 h	12000 h
91149700	MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12	14000 h	16000 h	20000 h	12000 h

Order Code	Full Product Name	Vida útil até 10% de falhas (Nom.)	Vida útil até 20% de falhas (Nom.)	Vida útil até 50% de falhas (Nom.)	Vida útil até 5% de falhas (Nom.)
16366400	MASTERColour CDM-TC Elite 35W/942 G8.5 1CT	10000 h	12000 h	15000 h	9000 h
91153400	MASTERColour CDM-TC Elite 70W/930 G8.5 1CT/12	14000 h	16000 h	20000 h	12000 h
16368800	MASTERColour CDM-TC Elite 70W/942 G8.5 1CT	10000 h	12000 h	15000 h	9000 h

Requisitos de design da luminária

Order Code	Full Product Name	Temperatura da lâmpada (Máx.)
20163200	MASTERColour CDM-TC Elite 50W/942 G8.5 1CT	550 °C
93062700	MASTERColour CDM-TC Elite 50W/930 G8.5 1CT/12	550 °C
87158600	MASTERColour CDM-TC Elite 20W/830 G8.5 1CT/12	320 °C
91149700	MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12	500 °C

Order Code	Full Product Name	Temperatura da lâmpada (Máx.)
16366400	MASTERColour CDM-TC Elite 35W/942 G8.5 1CT	500 °C
91153400	MASTERColour CDM-TC Elite 70W/930 G8.5 1CT/12	550 °C
16368800	MASTERColour CDM-TC Elite 70W/942 G8.5 1CT	500 °C

Dados técnicos de luminosidade (1/2)

MASTERCcolour CDM-TC Elite

Order Code	Full Product Name	Coordenada X de cromaticidade (Nom.)	Coordenada Y de cromaticidade (Nom.)	Código da cor	Designação da cor	Temperatura de cor correlacionada (Nom.)	Índice de restituição cromática (Min.)	Índice de restituição cromática (Nom.)
20163200	MASTERCcolour CDM-TC Elite 50W/942 G8.5 1CT	0,367	0,362	942	Cool White (CW)	4200 K	87	90
93062700	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	0,435	0,396	930	Warm White (WW)	3000 K	88	91
87158600	MASTERCcolour CDM-TC Elite 20W/830 G8.5 1CT/12	0,434	0,391	830	Warm White (WW)	-	-	85
91149700	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	0,435	0,396	930	Warm White (WW)	3000 K	87	90
16366400	MASTERCcolour CDM-TC Elite 35W/942 G8.5 1CT	0,371	0,366	942	Cool White (CW)	4200 K	87	90
91153400	MASTERCcolour CDM-TC Elite 70W/930 G8.5 1CT/12	0,435	0,396	930	Warm White (WW)	3000 K	87	90
16368800	MASTERCcolour CDM-TC Elite 70W/942 G8.5 1CT	0,365	0,363	942	Cool White (CW)	4200 K	89	92

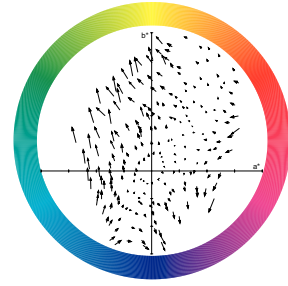
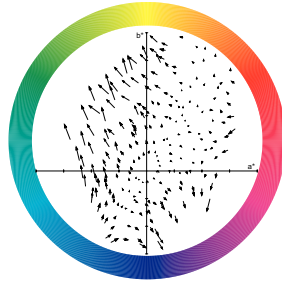
Dados técnicos de luminosidade (2/2)

Order Code	Full Product Name	Manutenção lumínica a 10 000 h (Nom.)	Manutenção lumínica a 12 000 h (Nom.)	Manutenção lumínica a 2000 h (Nom.)	Manutenção lumínica a 5000 h (Nom.)	Eficiência luminosa (nominal) (Nom.)	Fluxo luminoso (nominal) (Min.)	Fluxo luminoso (nominal) (Nom.)
20163200	MASTERCcolour CDM-TC Elite 50W/942 G8.5 1CT	85 %	84 %	92 %	89 %	102 lm/W	-	5100 lm
93062700	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	83 %	82 %	95 %	88 %	108 lm/W	4900 lm	5400 lm
87158600	MASTERCcolour CDM-TC Elite 20W/830 G8.5 1CT/12	78 %	77 %	87 %	83 %	90 lm/W	1620 lm	1800 lm
91149700	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	80 %	78 %	93 %	88 %	102 lm/W	3600 lm	4000 lm
16366400	MASTERCcolour CDM-TC Elite 35W/942 G8.5 1CT	73 %	71 %	84 %	79 %	97 lm/W	3420 lm	3800 lm
91153400	MASTERCcolour CDM-TC Elite 70W/930 G8.5 1CT/12	83 %	82 %	95 %	88 %	107 lm/W	-	7800 lm
16368800	MASTERCcolour CDM-TC Elite 70W/942 G8.5 1CT	81 %	80 %	88 %	85 %	102 lm/W	6700 lm	7450 lm

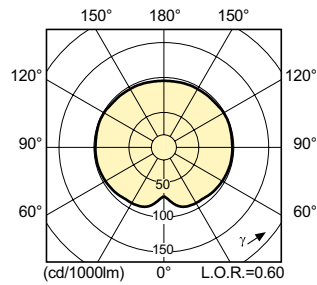
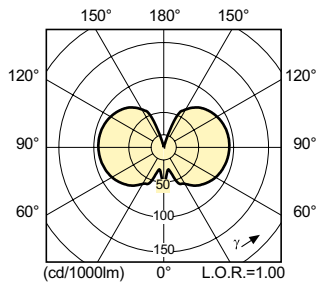
Dados mecânicos e de revestimento

Order Code	Full Product Name	Material da lâmpada	Order Code	Full Product Name	Material da lâmpada
20163200	MASTERCcolour CDM-TC Elite 50W/942 G8.5 1CT	-	16366400	MASTERCcolour CDM-TC Elite 35W/942 G8.5 1CT	-
93062700	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	-	91153400	MASTERCcolour CDM-TC Elite 70W/930 G8.5 1CT/12	-
87158600	MASTERCcolour CDM-TC Elite 20W/830 G8.5 1CT/12	UV-Block Quartz	16368800	MASTERCcolour CDM-TC Elite 70W/942 G8.5 1CT	-
91149700	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	-			

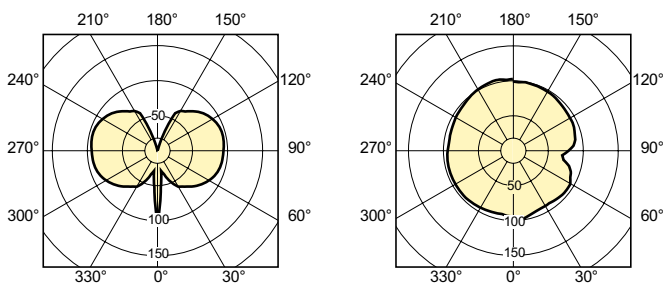
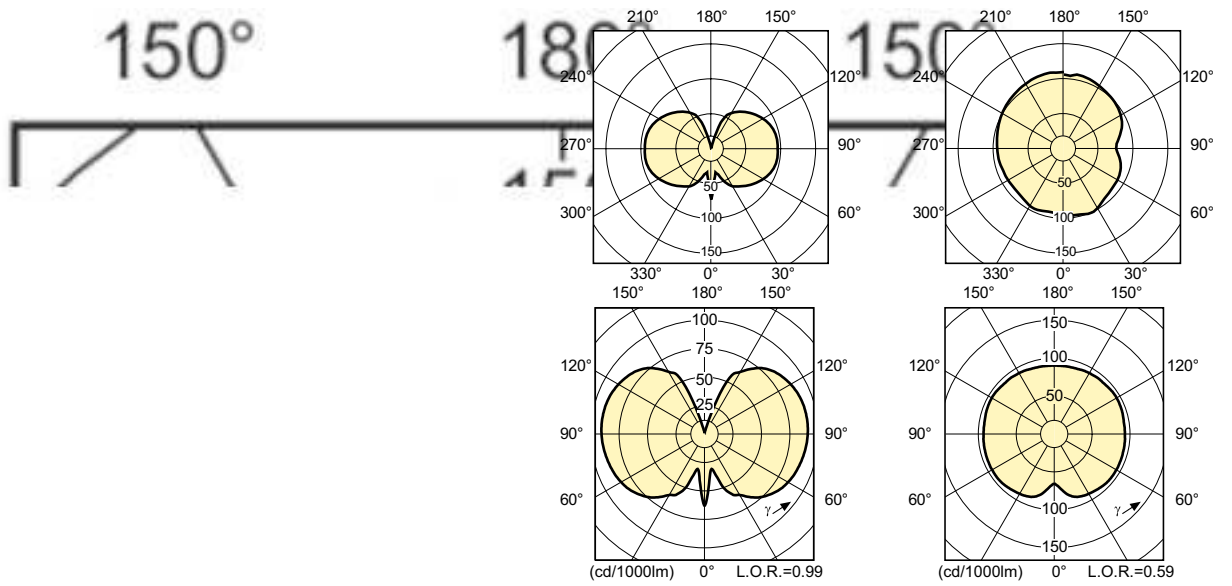
Colour Rendering Diagrams



LDCR_CDMTC-E_0002-Colour rendering diagram



MASTERColour CDM-TC Elite



MASTERColour CDM-TC Elite

