



Product Description

MASTERColour CDM-T Elite

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

Benefits

- Outstanding rendering of displayed merchandise due to high colour rendering (Ra 90) in combination with high lumen output; best offer in the market for 'enhancing merchandise'
- Excellent colour quality, which remains stable over lifetime
- Light output over lifetime maintains display brightness
- High efficacy and long lifetime for lowest operating costs and low heat generation
- Relatively low heat generation enhances comfort for shoppers and staff
- UV Block for reduced fading risk of merchandise

Features

- Crisp white light
- Excellent colour rendering (Ra 90)
- Reliable lifetime performance
- Stable colour performance during lifetime
- Increased light output compared with regular MASTERColour lamps
- Improved maintenance compared with regular MASTERColour lamps
- Burning position for

- CDM Elite-T 35W: vertical +/- 60 degrees
- CDM Elite-T 70W: universal

Application

- Accent and display lighting with a sparkling effect, excellent solution for Retail
- Decorative outdoor floodlighting

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
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

Related products



CDM-T Elite 35W /930 /942



CDM-T Elite 70W G12



CDM-T Elite 100W G12



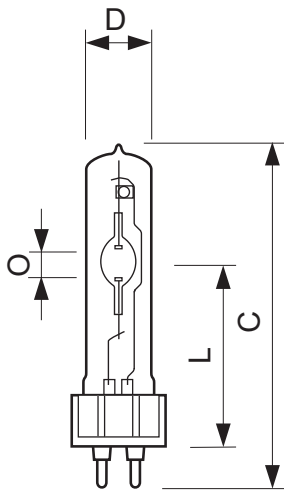
CDM-T Elite 150W /930



CDM-T 50W /930 /645

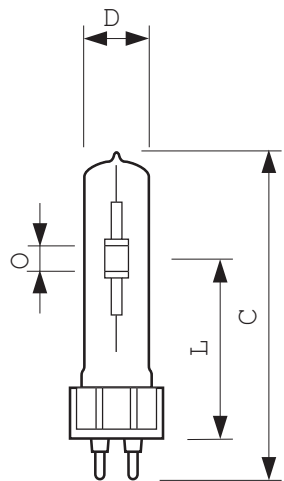
Dimensional drawing

Dimensional drawing



CDM-T Elite 35W - 100W G12

Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-T Elite 50W/942 G12	103	20	55	56	57	6
CDM-T ACCENT 100W/930 G12	110	20	55	56	57	8.5
CDM-T ACCENT 35W/930 G12	103	20	55	56	57	4.8
CDM-T ACCENT 70W/930 G12	103	20	55	56	57	7.15
CDM-T ACCENT 50W/930 G12	103	20	55	56	57	6
CDM-T ACCENT 35W/942 G12	103	20	55	56	57	4.8
CDM-T ACCENT 70W/942 G12	103	20	55	56	57	7.15



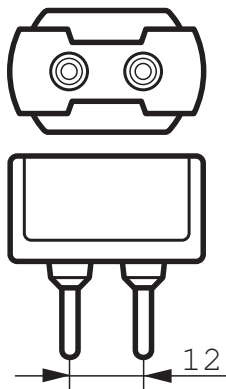
CDM-T Elite 150W /930

Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-T Elite 150W/930 G12	110	20	55	56	57	9

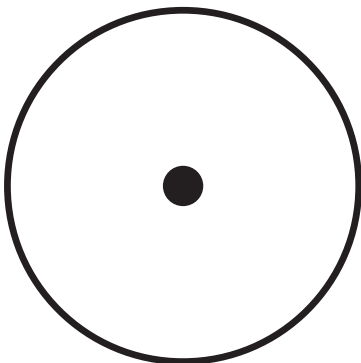
General Characteristics

Order code	Full product name	Bulb	Bulb Finish	Cap-Base	Burning Position	Life to 50% failures EL	Life to 50% failures EM	Life to 5% failures EL	Life to 20% failures EL	Life to 10% failures EL
911374 00	MASTERColour CDM-T Elite 35W/930 G12 1CT	T19	Clear	G12	any	15000 hr	hr	9000 hr	12000 hr	10000 hr
163640 00	MASTERColour CDM-T Elite 35W/942 G12 1CT	T19	Clear	G12	any	15000 hr	hr	9000 hr	12000 hr	10000 hr
911411 00	MASTERColour CDM-T Elite 70W/930 G12 1CT	T19	Clear	G12	any	15000 hr	hr	9000 hr	12000 hr	10000 hr
163626 00	MASTERColour CDM-T Elite 70W/942 G12 1CT	T19	Clear	G12	any	15000 hr	hr	9000 hr	12000 hr	10000 hr
871692 00	MASTERColour CDM-T Elite 100W/930 G12 1CT	T19	Clear	G12	any	15000 hr	hr	8000 hr	12000 hr	10000 hr
213129 15	MASTERColour CDM-T Elite 150W/930 G12 1CT	T19	Clear	G12	p10	12000 hr	hr	9000 hr	11000 hr	10000 hr
201595 00	MASTERColour CDM-T Elite 50W/942 G12 1CT	T19	Clear	G12	any	15000 hr	hr	9000 hr	12000 hr	10000 hr
930603 00	MASTERColour CDM-T Elite 50W/930 G12 1CT	T19	Clear	G12	any	15000 hr	hr	9000 hr	12000 hr	10000 hr

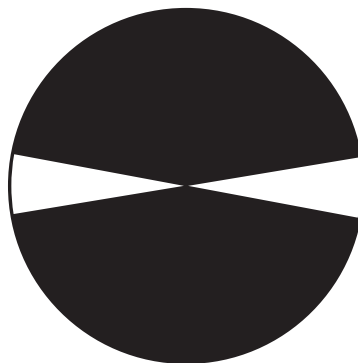
Installation diagrams



G12



any



p10

Light Technical Characteristics (1/2)

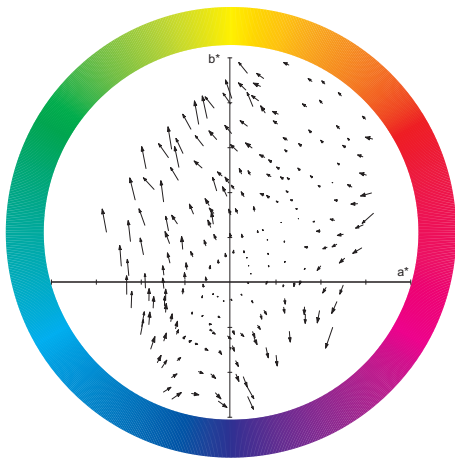
Order code	Full product name	Colour Code	Colour Designation	Lamp Luminous Flux EM	Lamp Luminous Flux EL	Chromaticity Coordinate X	Chromaticity Coordinate Y	Colour Rendering Index	Lamp Luminous Efficacy EM	Lamp Luminous Efficacy EL	Colour Temperature
911374 00	MASTERColour CDM-T Elite 35W/930 G12 1CT	930	Warm white	3700 Lm	4000 Lm	0.435 -	0.395 -	87 (min), 90 (nom) Ra8	98 Lm/W	102 Lm/W	3000 K
163640 00	MASTERColour CDM-T Elite 35W/942 G12 1CT	942	Cool White	3400 Lm	3800 Lm	0.371 -	0.366 -	85 (min), 88 (nom) Ra8	90 Lm/W	98 Lm/W	4200 K
911411 00	MASTERColour CDM-T Elite 70W/930 G12 1CT	930	Warm white	7500 Lm	7750 Lm	0.435 -	0.396 -	87 (min), 90 (nom) Ra8	103 Lm/W	106 Lm/W	3000 K
163626 00	MASTERColour CDM-T Elite 70W/942 G12 1CT	942	Cool White	7200 Lm	7500 Lm	0.371 -	0.366 -	87 (min), 90 (nom) Ra8	100 Lm/W	103 Lm/W	4200 K
871692 00	MASTERColour CDM-T Elite 100W/930 G12 1CT	930	Warm white	Lm	11000 Lm	0.435 -	0.396 -	88 (min), 91 (nom) Ra8	Lm/W	110 Lm/W	3000 K
213129 15	MASTERColour CDM-T Elite 150W/930 G12 1CT	930	Warm white	Lm	15000 Lm	0.443 -	0.391 -	89 (min), 92 (nom) Ra8	Lm/W	100 Lm/W	3000 K
201595 00	MASTERColour CDM-T Elite 50W/942 G12 1CT	942	Cool White	Lm	5000 Lm	0.373 -	0.367 -	90 Ra8	Lm/W	100 Lm/W	4200 K
930603 00	MASTERColour CDM-T Elite 50W/930 G12 1CT	930	Warm white	Lm	5400 Lm	0.435 -	0.396 -	87 (min), 90 (nom) Ra8	Lm/W	106 Lm/W	3000 K

Light Technical Characteristics (2/2)

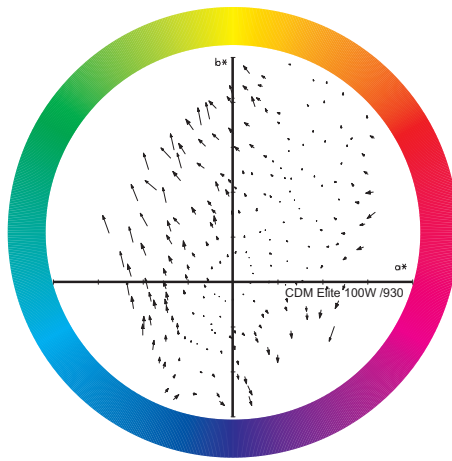
Order code	Full product name	Lumen Maintenance EL 10000h	Lumen Maintenance EL 5000h	Lumen Maintenance EL 2000h	Lumen Maintenance EL 12000h	Design Mean Lumens EL
911374 00	MASTERColour CDM-T Elite 35W/930 G12 1CT	83 %	88 %	94 %	82 %	3390 Lm
163640 00	MASTERColour CDM-T Elite 35W/942 G12 1CT	82 %	88 %	93 %	81 %	3380 Lm
911411 00	MASTERColour CDM-T Elite 70W/930 G12 1CT	83 %	88 %	94 %	82 %	6730 Lm
163626 00	MASTERColour CDM-T Elite 70W/942 G12 1CT	82 %	88 %	93 %	81 %	6600 Lm
871692 00	MASTERColour CDM-T Elite 100W/930 G12 1CT	83 %	88 %	95 %	80 %	9700 Lm

Order code	Full product name	Lumen Maintenance EL 10000h	Lumen Maintenance EL 5000h	Lumen Maintenance EL 2000h	Lumen Maintenance EL 12000h	Design Mean Lumens EL
213129 15	MASTERColour CDM-T Elite 150W/930 G12 1CT	75 %	84 %	91 %	73 %	12700 Lm
201595 00	MASTERColour CDM-T Elite 50W/942 G12 1CT	82 %	88 %	93 %	81 %	4300 Lm
930603 00	MASTERColour CDM-T Elite 50W/930 G12 1CT	83 %	88 %	94 %	82 %	4750 Lm

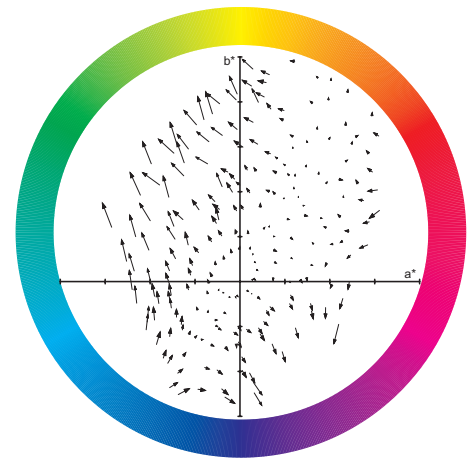
Light technical



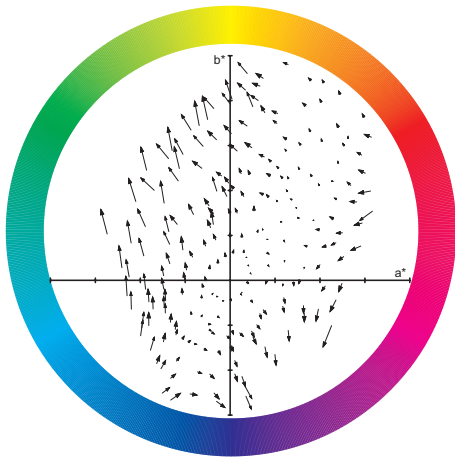
CDM-T ELITE 150W /930



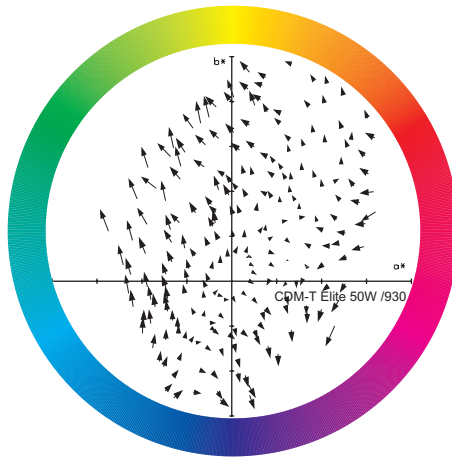
CDM-T Elite 100W /930



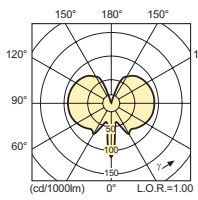
CDM-T Elite 35W /930



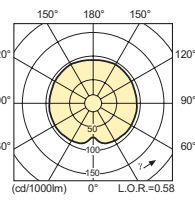
CDM-T Elite 70W /930



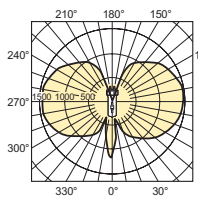
CDM-T Elite 50W /930



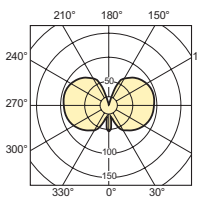
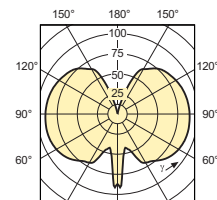
CDM-T Elite 50W /942



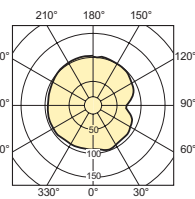
CDM-T ELITE 150W



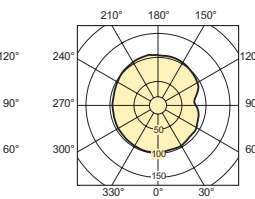
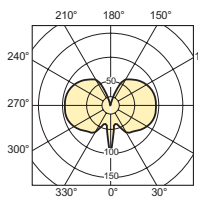
CDM-T Elite 100W /930



CDM-T Elite 35W /842, /930, /942



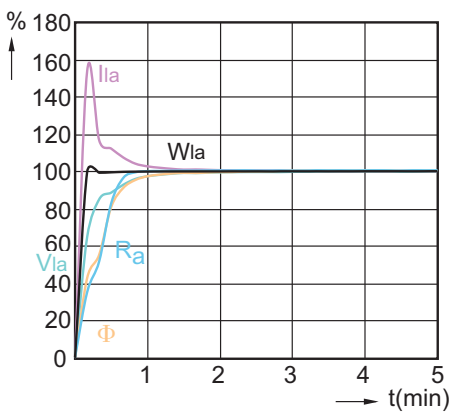
CDM-T Elite 70W /930, /942



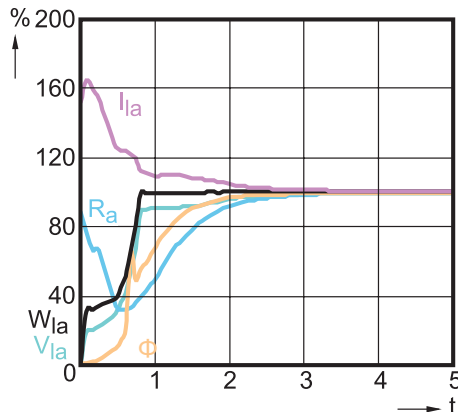
Electrical Characteristics

Order code	Full product name	Lamp Wattage	Lamp Wattage EM	Lamp Wattage EL	Lamp Voltage	Lamp Current EM	Lamp Current EL	Dimmable
911374 00	MASTERColour CDM-T Elite 35W/930 G12 1CT	35 W	38 W	39 W	84 V	0.500 A	0.470 A	no
163640 00	MASTERColour CDM-T Elite 35W/942 G12 1CT	35 W	38 W	39 W	84 V	0.50 A	0.47 A	no
911411 00	MASTERColour CDM-T Elite 70W/930 G12 1CT	70 W	72 W	73 W	84 V	1 A	0.89 A	no
163626 00	MASTERColour CDM-T Elite 70W/942 G12 1CT	70 W	72 W	73 W	84 V	1 A	0.89 A	no
871692 00	MASTERColour CDM-T Elite 100W/930 G12 1CT	100 W	W	100 W	88 V	A	1.140 A	no
213129 15	MASTERColour CDM-T Elite 150W/930 G12 1CT	150 W	W	149 W	92 V	A	1.65 A	no
201595 00	MASTERColour CDM-T Elite 50W/942 G12 1CT	50 W	W	50 W	85 V	A	0.58 A	no
930603 00	MASTERColour CDM-T Elite 50W/930 G12 1CT	50 W	W	50 W	90 V	A	0.57 A	no

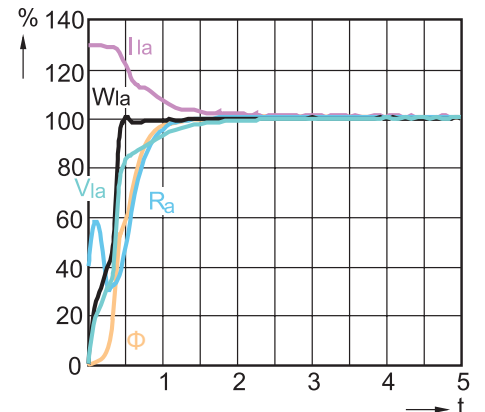
Performance diagrams



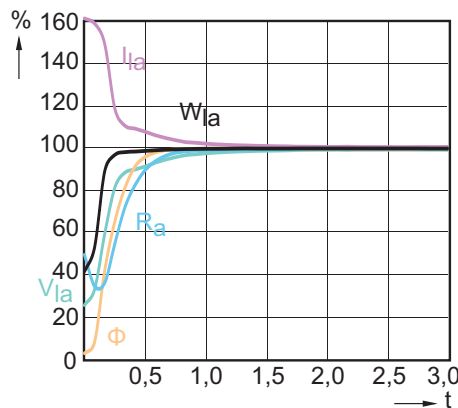
CDM-T Elite 50W /942



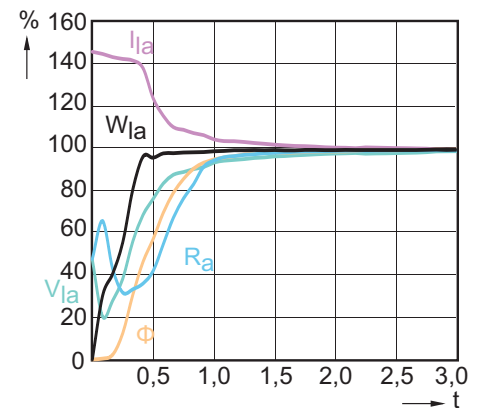
CDM-T ELITE 150W /930



CDM-T Elite 100W /930

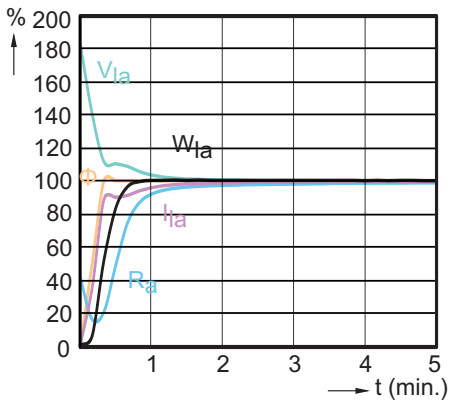


CDM-T Elite 35W /842, /930, /942

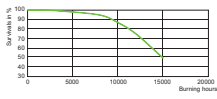


CDM-T Elite 70W /930, /942

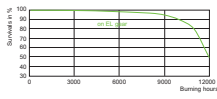
Performance diagrams



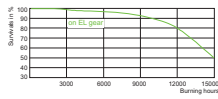
CDM-T Elite 50W /930



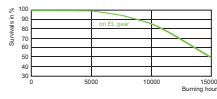
CDM-T Elite 50W / 930, /942



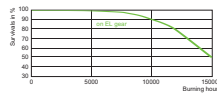
CDM-T Elite 150W /930



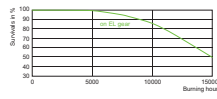
CDM-T Elite 100W /930



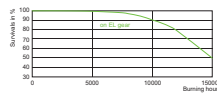
CDM-T Elite 35W /930



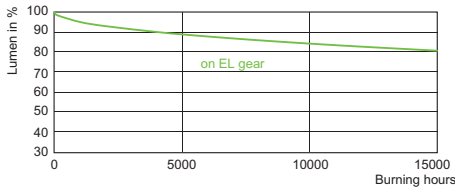
CDM-T Elite 70W /930



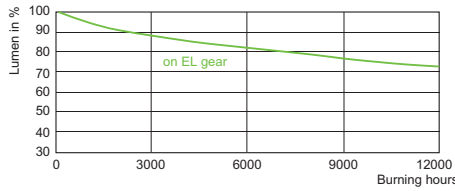
CDM-T Elite 35W / 842, /942



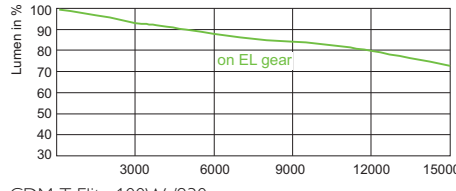
CDM-T Elite 70W /942



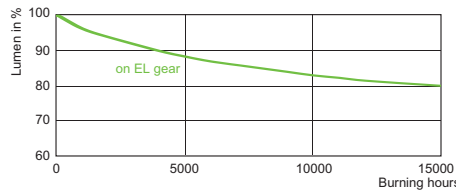
CDM-T Elite 50W, 70W /942



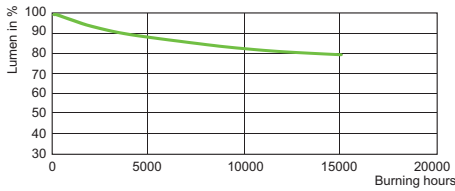
CDM-T Elite 150W /930



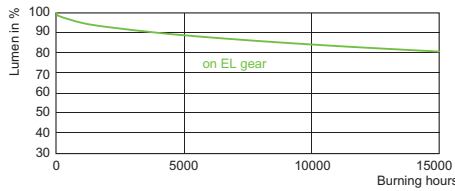
CDM-T Elite 100W /930



CDM-T Elite 35W & 70W /930

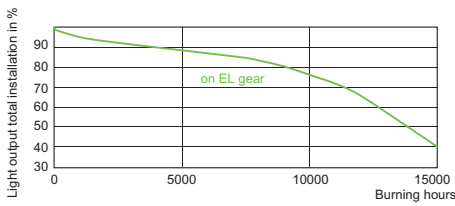


CDM-T Elite 50W /930

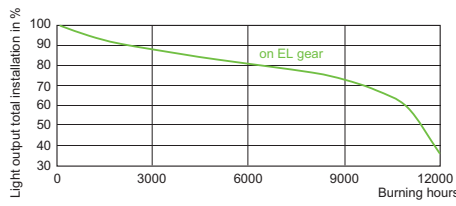


CDM-T Elite 35W /842, /942

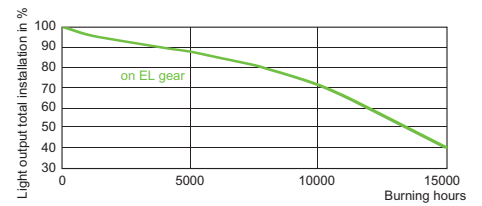
Performance diagrams



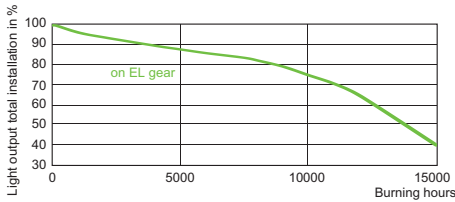
CDM-T Elite 50W, 70W /942



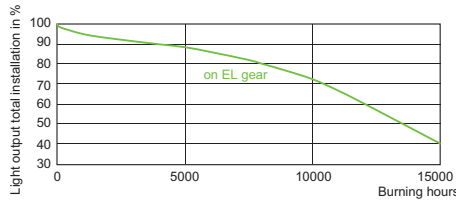
CDM-T Elite 150W /930



CDM-T Elite 35W /930



CDM-T Elite 70W /930



CDM-T Elite 35W /842, /942

Environmental Characteristics

Order code	Full product name	Mercury (Hg) Content
911374 00	MASTERColour CDM-T Elite 35W/930 G12 1CT	4.7 mg
163640 00	MASTERColour CDM-T Elite 35W/942 G12 1CT	4.3 mg
911411 00	MASTERColour CDM-T Elite 70W/930 G12 1CT	6.6 mg
163626 00	MASTERColour CDM-T Elite 70W/942 G12 1CT	6 mg
871692 00	MASTERColour CDM-T Elite 100W/930 G12 1CT	10.1 mg
213129 15	MASTERColour CDM-T Elite 150W/930 G12 1CT	9.5 mg
201595 00	MASTERColour CDM-T Elite 50W/942 G12 1CT	5.4 mg
930603 00	MASTERColour CDM-T Elite 50W/930 G12 1CT	6.4 mg

Order code	Full product name	Cap-Base Temperature	Bulb Temperature
163640 00	MASTERColour CDM-T Elite 35W/942 G12 1CT	250 (max) C	500 (max) C
911411 00	MASTERColour CDM-T Elite 70W/930 G12 1CT	250 (max) C	500 (max) C
163626 00	MASTERColour CDM-T Elite 70W/942 G12 1CT	250 (max) C	500 (max) C
871692 00	MASTERColour CDM-T Elite 100W/930 G12 1CT	250 (max) C	550 (max) C
213129 15	MASTERColour CDM-T Elite 150W/930 G12 1CT	280 (max) C	650 (max) C
201595 00	MASTERColour CDM-T Elite 50W/942 G12 1CT	250 (max) C	500 (max) C
930603 00	MASTERColour CDM-T Elite 50W/930 G12 1CT	250 (max) C	500 (max) C

Luminaire Design Requirements

Order code	Full product name	Cap-Base Temperature	Bulb Temperature
911374 00	MASTERColour CDM-T Elite 35W/930 G12 1CT	250 (max) C	500 (max) C



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www.philips.com/lighting

2012, August 25
data subject to change