



MASTERColour CDM-TP

MASTERColour CDM-TP 150W/942 PGX12-2 1CT/12

Range of protected, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light to be used in open luminaires

Product data

General Information	
Cap base	PGX12-2 [PGX12-2]
Operating position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	9000 h
Life to 20% failures (nom.)	13000 h
Life to 50% failures (nom.)	16000 h
Light Technical	
Colour code	942 [CCT of 4,200 K]
Luminous flux (rated) (nom.)	12000 lm
Colour designation	Cool White (CW)
Lumen maintenance 10,000 hours (nom.)	70 %
Lumen maintenance 2,000 hours (nom.)	85 %
Lumen maintenance 5,000 hours (nom.)	75 %
Chromaticity coordinate X (nom.)	376
Chromaticity coordinate Y (nom.)	374
Correlated colour temperature (nom.)	4200 K
Luminous efficacy (rated) (nom.)	81 lm/W
Color rendering index (nom.)	95

Operating and Electrical	
Power (Rated) (Nom)	148.0 W
Lamp current run-up (max.)	2.5 A
Lamp current (EM) (nom.)	1.8 A
Ignition peak voltage (max.)	5000 V
Ignition supply voltage (min.)	198 V
Re-ignition time (min.) (max.)	15 min
Ignition time (max.)	30 s
Voltage (Max)	104 V
Voltage (Min)	88 V
Voltage (Nom)	96 V

Controls and Dimming	
Dimmable	no
Run-up time 90% (max.)	4 min

Mechanical and Housing	
Bulb finish	Clear

Approval and Application	
Energy efficiency label (EEL)	A

MASTERCcolour CDM-TP

Mercury (Hg) content (nom.)	12.2 mg
Energy Consumption kWh/1000 h	163 kWh

UV

PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.3

Luminaire Design Requirements

Bulb temperature (max.)	480 °C
Cap base temperature (max.)	240 °C

Product Data

Full product code	87115002011915
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Order product name	MASTERCcolour CDM-TP 150W/942 PGX12-2 1CT/12
EAN/UPC – product	87115002011919
Order code	20111915
Local Code	150CDMTP942
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928086209230
Net weight (piece)	77.000 g
ILCOS Code	MTS/UB-150/942-H-PGX12-2-32/149

Warnings and Safety

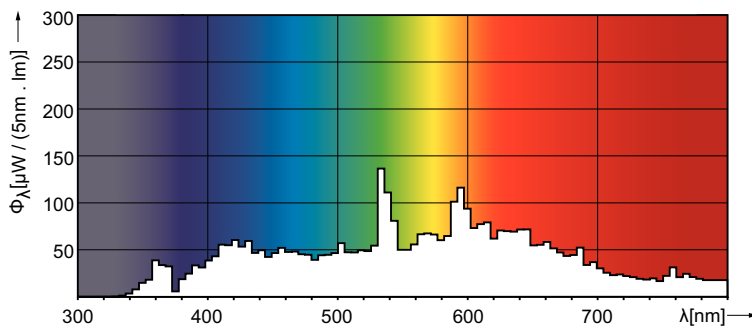
Dimensional drawing

D

Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERCcolour CDM-TP 150W/942 PGX12-2 1CT/12	32.00 mm	8 mm	89 mm	93 mm	91 mm	149 mm

CDM-TP 150W/942 PGX12-2

Photometric data



LDPO_CDM-TP_942-Spectral power distribution Colour

MASTERC colour CDM-TP

Lifetime

