



## IP44 Diffuser Downlight

LED Downlight D1 TU 6 IP44 18W 830 S  
93109216

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### Product information

Tungsramp introduces the IP44 LED Diffuser Downlighters. There are a selection of sizes and colour temperature options to meet customer requirements. With this new range, lighting can be upgraded in key segments such as offices, commercial buildings, retail back of house areas and hospitality.

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## Product data

Product code	93109216
Description	LED Downlight D1 TU 6 IP44 18W 830 S
DIALux description	TUNGSRAM - IP44 Diffuser Downlight - 1700lm - 18W - 3000K - 80CRI - 93109216[SKU] - Recessed
Brand	TUNGSRAM
Product category	Diffuser Downlight IP44
Product family	Downlighters
Application areas	Public building, Office, Retail
DUN Code	15994100028175
Light source	LED
Sensor	No sensor
Emergency option	No EM
Mounting type	Recessed
Weight [kg]	0,25
Body color	White, RAL9003
Product dimensions (Length) x (Width) x (Height) [mm]	Dia 185 x Dia 185 x 63
Operating temperature min [°C]	-20
Operating temperature max [°C]	40
Rated ambient temperature (tq) [°C]	25
Cooling	Passive
Certifications	CE
General warranty [year]	5

## Performance data

System power [W]	18
Nominal luminous flux [lm]	1700
Rated efficacy [lm/W]	94
Rated life L70/B50 [h]	50000
IP front (optical)	44
IP back (electrical)	20
IP Rating	20
Impact resistance (IK)	IK02

## Photometrical data

Photometric distribution	Very Wide Flood
Nominal correlated colour temperature (CCT) [K]	3000
Colour rendering index (CRI) [Ra]	$\geq 80$
Nominal beam angle [°]	100
UGR value (4H8H)	27,2
Colour consistency in MacAdam steps SDCM	$\leq 5$
Photobiological risk	RG0

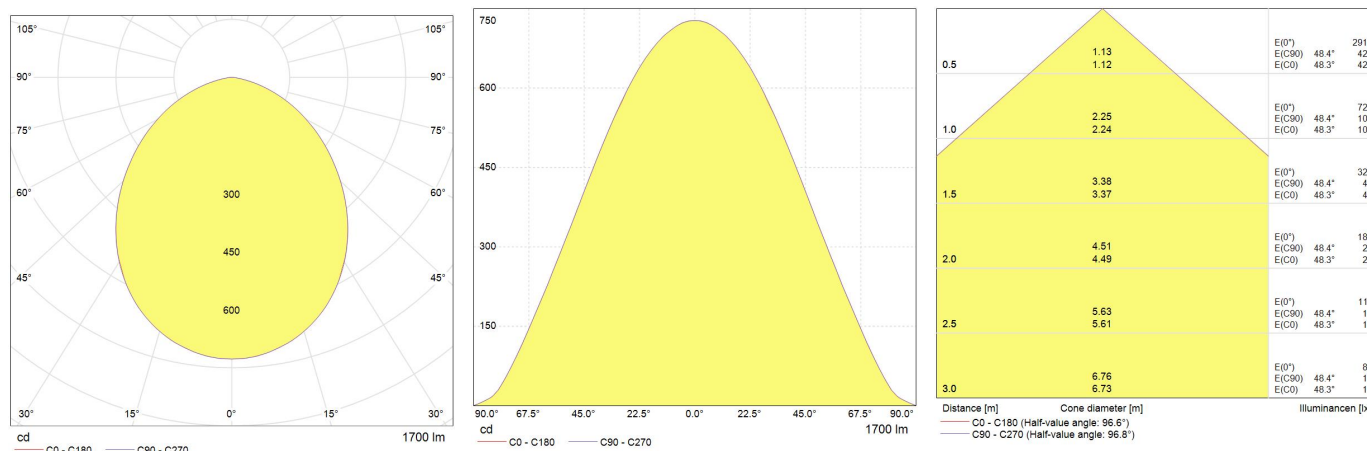
## Electrical data

IEC protection class	Class II
Operating voltage [V]	220-240V
Rated frequency or frequency range [Hz]	50/60Hz
Lamp input current [mA]	96
Nominal lamp power factor	$\geq 0.9$
Controllability	Static

## Logistic data

Box quantity	1
Shipment	Standard
Product status	Available

## Light distribution



## Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Datasheet \(PDF\)](#)

[Installation guide \(PDF\)](#)

[Images \(HTTP\)](#)

[DoC Document \(PDF\)](#)

[Datasheet \(HUN\) \(PDF\)](#)