

Tigan



The Tigan is the smallest surface/ suspended downlight in the bumblebee product range. With a diameter of just 75mm and a height of 150mm the luminaire can still manage a lumen output of 1445lm max.

The 'twist-lock' base plate seats inside of the tubular body of the of the luminaire allowing for a fixing less free architectural appearance.

The Tigan uses a die-cast aluminium heatsink which houses the LED module. The bezel of the downlight is machined from aluminium ensuring a constant high quality finish with no surface blemishes.

Product

Tigan	TGN/
-------	------

Lumen Output

954lm	/954
1445lm	/1445

Colour Temperature

3000K	/3K
4000K	/4K
6500K	/6K

Beam Angle

45° Beam	/45
----------	-----

Standard Colours*

White	RAL9016
White	RAL9010
Black	RAL9005
*Other colours available upon special request	

Dimming

Fixed output as default	
DALI dimming	-DA
Switch dim/Touch dim	-SD
Mains dimming	-MD
Casambi	-CA

Mounting

Surface mounted as default **Remote Driver Only**	
Suspended - Flex only	-S
Suspended - Ø150mm rose (Standard)	-S2
Suspended - Ø185mm rose (Emergency)	-S3

Lighting Data

Lumen Output	Wattage	lm/cW
954lm	9.2W	103.7
1445lm	14.0W	103.2

CCT	3000K 4000K 6500K
Light Source	LED CREE
SDCM	3
Longevity (L70/B10)	60,000 Hours
Colour Rendering	RA>82
UGR	<19

Technical Data

IP Rating	IP44
Construction	Diecast Aluminium
Driver location	Remote
RAL colour (standard)	9016 9010 9005
Mounting Method	Surface 2m Suspension
Protective class	SELV
Impact Resistance (IK)	IK04
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

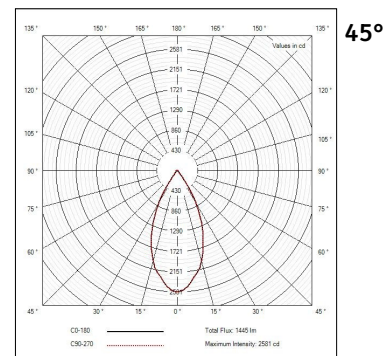
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<1%
Overvoltage Protection	320 V
In-rush Current	2.5 A
THD	<5%
Power Factor	0.94
Parasitic Load	0.08 W
Operating Temperature	-25 +60 °C

Emergency Data

EOF	Lumen Output
31%	290
20%	289

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	UKCA, CE, ROHS

Standard Photometry



Dimensions

Fixing Centres	Ø55mm
Dimensions	Ø75 x 150mm
Weight	1.8 kg

