

**4FT TOUGHSHELL+ IP66 IK10 20W 3000LM 4000K 120 BEAM ANGLE  
150LM/W NON-DIMM-LINKABLE RAPID CONNECT EASY-FIT**

ILBTX001



The Toughshell+ batten features a rugged IK10 and IP66 dust and waterproof polycarbonate construction. The opal diffuser provides even light distribution, ideal for demanding environments such as warehouses, factories, car parks and more.

**Details**

<b>Quick Order Code:</b>	252591
<b>Barcode:</b>	5055788256878
<b>Category:</b>	Luminaires
<b>Range Name:</b>	Tough-Shell+
<b>Type:</b>	Single
<b>Product Body Finish:</b>	Matt white
<b>Market Segment:</b>	Commercial indoor and outdoor, Industrial indoor and outdoor
<b>Warranty (Years):</b>	5
<b>CE RoHS:</b>	Yes

**Physical Data**

<b>Product Length (mm):</b>	1258
<b>Product Depth (mm):</b>	66.5
<b>Product Width (mm):</b>	70.5
<b>Product Weight (g):</b>	1100
<b>Optic:</b>	Polycarbonate diffuser
<b>Material:</b>	Polycarbonate
<b>Construction:</b>	Injection moulding
<b>Bulb or Luminaire Shape:</b>	Linear
<b>Luminaire Fixing:</b>	Ceiling mounted
<b>Placement / Application:</b>	Indoor and outdoor, General lighting

**Electrical Data**

<b>Power Consumption (W) :</b>	20
<b>Power Factor:</b>	0.9
<b>Voltage Range (v):</b>	200-240
<b>Input Voltage (V):</b>	200-240

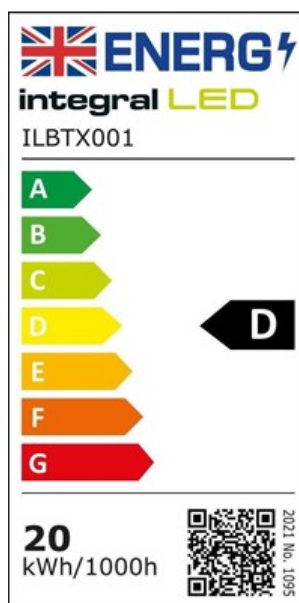
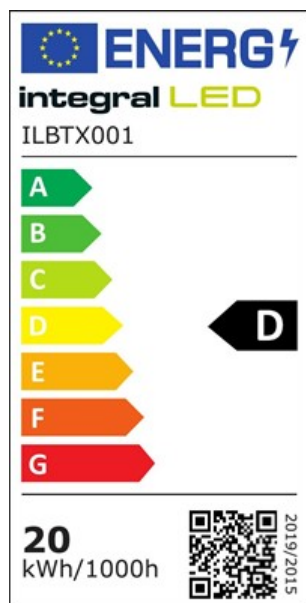
<b>Dimming:</b>	Non-Dimmable
<b>Driver Included:</b>	Yes
<b>Electric Current:</b>	AC
<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes

## Light Data

<b>Luminous Flux in Lumens (lm):</b>	3000
<b>Lumens per meter (lm/m):</b>	150
<b>Correlated Colour Temperature (CCT) (K):</b>	4000
<b>Colour Temperature:</b>	4000K - Cool White
<b>Colour Temperature Name:</b>	Cool White
<b>Beam Angle:</b>	120
<b>Colour Rendering Index (CRI):</b>	80
<b>Frequency Range (Hz):</b>	50/60
<b>Instant on (Less than 1 second):</b>	Yes
<b>LED Size (mm):</b>	2835
<b>LED Type:</b>	Surface mounted device (SMD)
<b>Lifetime (hours):</b>	40000
<b>Switching Cycles:</b>	25000

## Environment

<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes
<b>CE RoHS:</b>	Yes
<b>New Energy Rating:</b>	D
<b>EU Luminaire:</b>	L
<b>Hg 0% (Mercury Free):</b>	Yes
<b>IK Rating (Impact Protection):</b>	IK10
<b>IP Rating (Ingress Protection):</b>	IP66
<b>Lowest Operating Temperature (°C):</b>	-20
<b>Maximum Operating Temperature (°C):</b>	40



## Packaging

[Portal.integral-led.com](http://Portal.integral-led.com)

	1080
<b>Package Weight (g):</b>	1268
<b>Package Length (mm):</b>	78
<b>Package Width (mm):</b>	74
<b>Package Depth (mm):</b>	