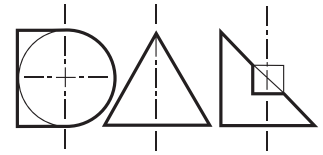


ICE 161

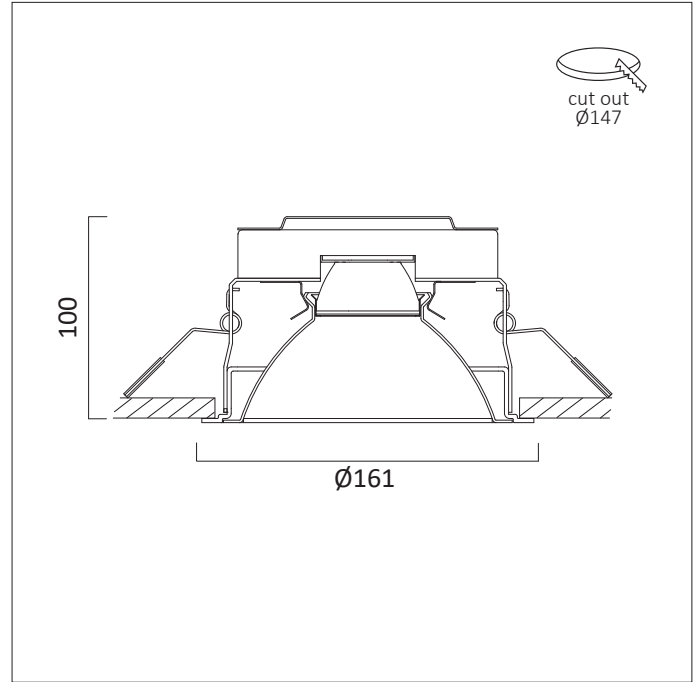


ICE 161 round recessed downlighter with standard white ceiling trim and frost front glass. The high-quality precision lens with aluminium reflector and frost glass gives visual comfort. The ICE 161 is easy to install and incorporates the latest, high efficiency LED technology. Colour consistency through life is ensured by state-of-the-art components and passive cooling aluminium heat sinks.

Standard colour temperatures: 2700K, 3000K, 4000K, colour rendering Ra >90 2 step Macadam are all available. Life 50000 hours.

A choice of drivers provide fixed supply or dimming to project requirements. IP44 durable, high specification diecast construction, colour powder coat finish provides longevity.

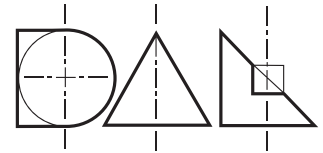
Built to conform to the requirements of BS EN 60598-1 and IEC 598. Photometrically tested to LM-79 confirms ICE 161 high performance.



PRODUCT CODING EXAMPLE: C840120J550

Series	Distribution	Reflector Colour	Initial Lumen	LED	Colour Temp	Driver Protocol	Emergency Protocol
C84 IP44	0 73°	1 White	20 2000 lm	J CREE	2 2700K 3 3000K 5 4000K	0 Fixed 1 1-10V 5 DALI 7 Lead / Trail 9 Addressible	0 None E Emergency N Non-maintained
C84	0	1	20	J	5	5	0

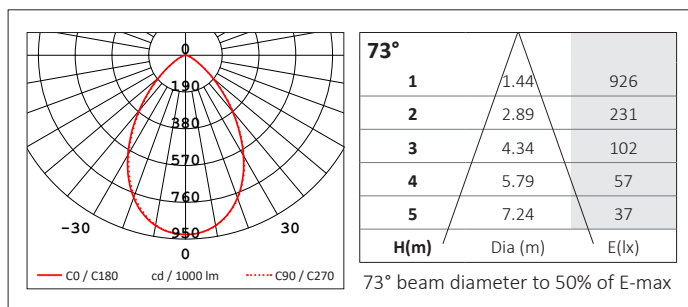
CREE Light Engine



CCT	Lumen Source Output	CRI	Forward Voltage	Pd (W)	Current
2700K	1400 lm	90	33.6 V	11.8 W	350 mA
	1900 lm	90	34.6 V	17.3 W	500 mA
	2700 lm	90	36.1 V	27.1 W	750 mA
3000K	1450 lm	90	33.6 V	11.8 W	350 mA
	2000 lm	90	34.6 V	17.3 W	500 mA
	2800 lm	90	36.1 V	27.1 W	750 mA
4000K	1600 lm	90	33.6 V	11.8 W	350 mA
	2200 lm	90	34.6 V	17.3 W	500 mA
	3000 lm	90	36.1 V	27.1 W	750 mA

PHOTOMETRIC DATA – Tested with 4000K CREE LED (CRI 90, 2-step Macadam)

Beam Angle	Delivered Lumens	LOR	Luminous Intensity	Forward Voltage	LED W	Current	UGR
72°	1322 lm	81%	926 cd	34.4 V	20 W	500 mA	25



Tolerance range for optical and electrical data: ±10%.