

A classic form with die cast aluminium lamp housing. IMPACT is an ultra-efficient LED spotlight for display lighting applications. Available in a wide range of lumen outputs and with interchangeable optics and a clip in barn door kit the IMPACT is a flexible professional display lighting tool. The IMPACT is the designers 1st choice for high quality display lighting.

Applications:

- Retail
- Architectural
- Commercial
- Exhibition

Accessories:

- Interchangeable optics

Technical features:

- 95% Reflector efficiency
- Light Output Ratio 90%
- Power Factor min 0.96
- Up to 126 lumens per watt
- Die-cast Aluminium. PPC coated
- L80B10
- Up to 97 CRI available (special order only)
- 3 SDCM as standard 2 SDCM available (special order only)



Part number nomenclature and examples:

Part Number	Description
IMLT3B3D7V1500N830W	IMPACT LENS:TRK3CKT:B3D7V:1500LM: NAR-BEAM:3K80CRI:WHITE
IMLSMB3D7V2500M930B	IMPACT LENS:SUR-MNT:B3D7V:2500LM: MED-BEAM:3K90CRI:BLACK

IML = IMPACT Family Lens Optic

SM = Surface mount

T1 = Track mounted - single circuit

T3 = Track mounted - triple circuit

B3D7V = Bridgelux Vero 13 LED COB Technology

1500 = 1500 Lumen output (average across colours)¹

2000 = 2000 Lumen output (average across colours)²

2500 = 2500 Lumen output (average across colours)³

N = Narrow beam 10-20°

M = Medium beam 20-30°

W = Wide beam 30-50°

927 = >90CRI 2700K

830 = >80CRI 3000K

835 = >80CRI 3500K

930 = >90CRI 3000K

840 = >80CRI 4000K

W = RAL9010 Pure White*

G = RAL9006 Grey Silver*

B = RAL9005 Jet Black*

D1 = Dimmable Phase

D2 = Dimmable 1-10V

D3 = Dimmable DALI

* Other finishes available to special order.

Refer to table below for exact lumen output (all lumens are exit lumens).

Lumen output:

CRI CCT	Luminaire output Lumens and (Efficiency in Luminaire Lumen Per Watts) at typical drive current (mA) and forward voltage (V) DC					
	350mA 31V		500mA 32V		700mA 32V	
	LED watts	Total watts	LED watts	Total watts	LED watts	Total watts
	10.8	13	15.8	18	22.6	25
927	1269 (98)		1718 (95)		2190 (88)	
830	1586 (122)		2147 (119)		2738 (110)	
835	1621 (125)		2194 (122)		2798 (112)	
930	1316 (101)		1782 (99)		2273 (91)	
840	1642 (126)		2222 (123)		2834 (113)	
	¹ 1500 Average		² 2000 Average		³ 2500 Average	

