

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

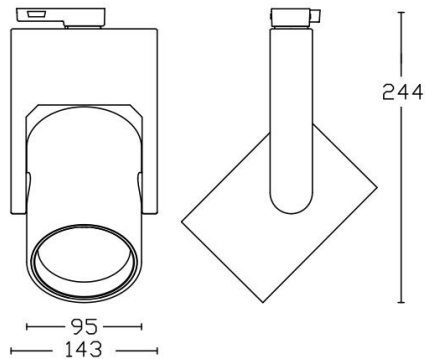
Technical features:

- 95% Reflector efficiency
- Light Output Ratio 90%
- Power Factor min 0.96
- Up to 132 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)

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							
	500mA ⁵ 27V		700mA ⁵ 28V		1050mA 29V		1400mA 30V	
	LED watts	Total watts	LED watts	Total watts	LED watts	Total watts	LED watts	Total watts
	13.5	15.7	19.5	22	29.9	32	41	44
927	1603 (102)		2188 (99)		3070 (96)		3990 (91)	
830	2004 (128)		2735 (124)		3837 (120)		4987 (113)	
835	2048 (130)		2795 (127)		3921 (123)		5097 (116)	
930	1663 (106)		2270 (103)		3185 (100)		4139 (94)	
840	2074 (132)		2831 (129)		3971 (124)		5162 (117)	
	¹ 1800Average		² 2500 Average		³ 3500 Average		⁴ 4500 Average	



Dimensions in mm

Part number nomenclature and examples:

Part Number	Description
IMT3B8D7V1800M830B	IMPACT:TRK3CKT:B8D7V:1800LM:MED-BEAM:3K80CRI:BLACK
IMSMB8D7V3500XW930W	IMPACT:SURF-MNT:B8D7V:3500LM:XTRA WIDE-BEAM:3K90CRI:WHITE

IM = IMPACT Range
SM = Surface mount
T1 = Track mounted - single circuit
T3 = Track mounted - triple circuit
B8D7V = Bridgelux Vero 18 LED COB Technology
1800 = 1800 Lumen output (average across colours)¹
2500 = 2500 Lumen output (average across colours)²
3500 = 3500 Lumen output (average across colours)³
4500 = 4500 Lumen output (average across colours)⁴
N = Narrow beam (See beam angle polar diagrams below)
M = Medium beam 20-30°
W = Wide beam 30-50°
XW = Extra wide beam >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 Phase⁵
D2 = Dimmable 1-10V
D3 = Dimmable DALI**

* Other finishes available to special order.
** Gear Housing is larger for 4500 1-10V or DALI
⁵ Phase dimming available with 500mA and 700mA driver only

