

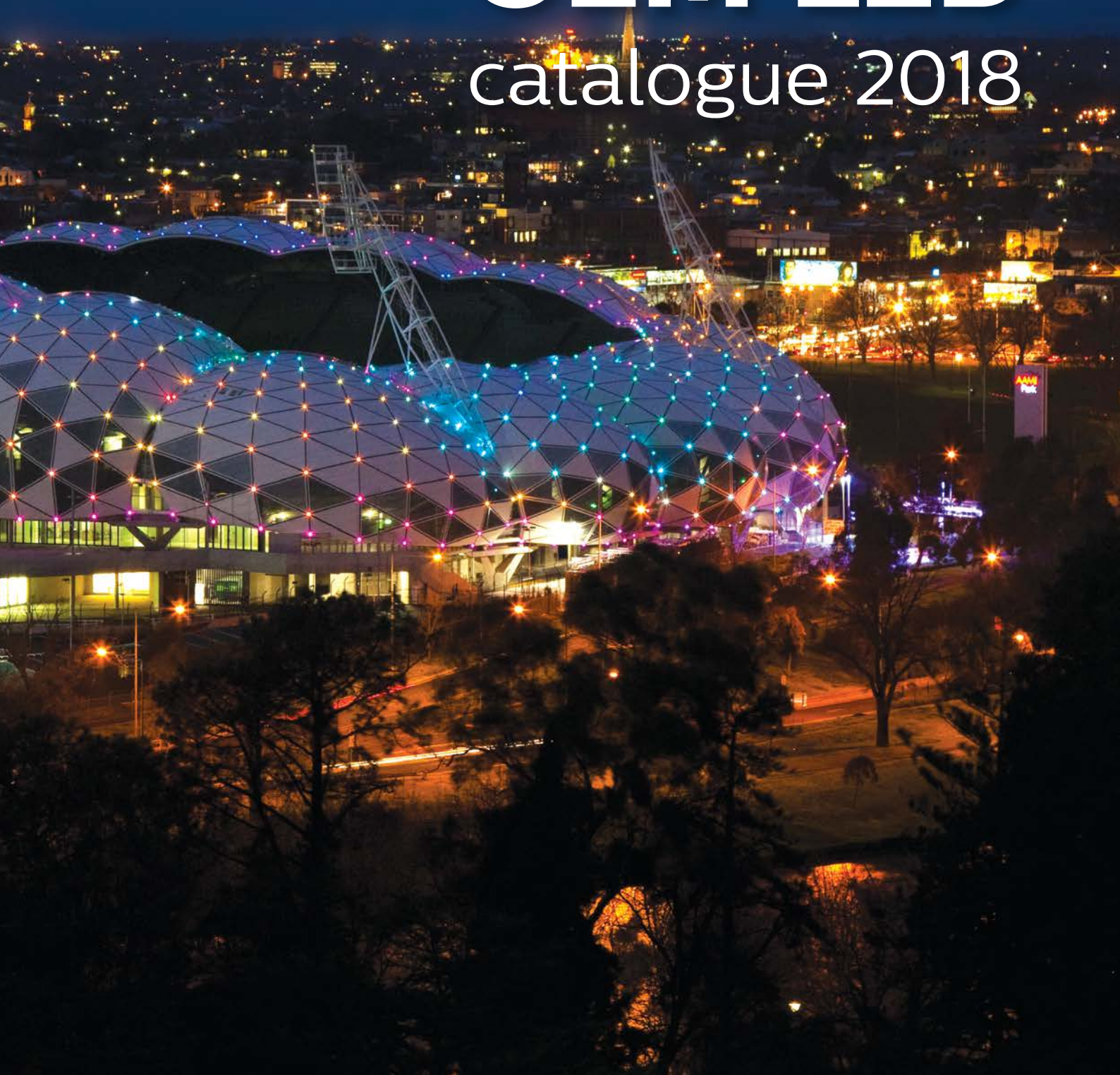
PHILIPS

OEM LED catalogue

Jan 2018



OEM LED catalogue 2018



LED **HID**

Philips TrueForce LED lamps provide an easy LED solution with a fast payback to replace High-Intensity Discharge (HID) lamps. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing system, thereby enhancing the light quality without having to change the fixtures or sacrifice the light effect.



TrueForce LED HighBay

HID

Philips TrueForce LED Industrial and Retail (Highbay – HPI/SON/HPL) lamps give you a quick and easy payback solution to replace HID lamps in Highbay application. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus they come for a low initial investment. Lamp design allows retrofit HID lamps with TrueForce LED lamps with no gear loss and high power factor. Multiple beam angle options and high colour rendering index enhance the lighting distribution while creating a comfortable, safe and high productivity environment.

Features

- High energy efficiency with directional light and no gear loss
- Long lifetime 25,000hrs
- Direct lamp replacement solution with high power factor
- 2 beam angles selection
- Pleasant white light with CRI 80

Benefits

- Cost saving with quick payback
- Easy adoption
- Low initial investment

Applications

- Industrial – Factories, Warehouses, Distribution centres
- Retail – Hyper markets, Shopping malls
- Others – Transportation hubs, Convention centres, Sports halls



TrueForce LED
HighBay

Product specifications

Product type	Lumen	Wattage	Voltage	Color temp.	Beam angle	CRI	Power factor	Lifetime	Frequency	Dimming	Order code
	lm	W	V	K	(°)	Ra	Pf	Hours	Hz		12NC
TForce LED HPI ND 110-88W E40 840 60D	11000	88	Retrofit	4000	60	70	>0.7	50000	50/60Hz	No	929001356802
TForce LED HPI ND 110-88W E40 840 120D	11000	88	Retrofit	4000	120	70	>0.7	50000	50/60Hz	No	929001356902
TForce LED HIL ND 200-145W E40 840 60D	20000	145	Retrofit	4000	60	70	>0.7	50000	50/60Hz	No	929001357002
TForce LED HIL ND 200-145W E40 840 120D	20000	145	Retrofit	4000	120	70	>0.7	50000	50/60Hz	No	929001357102
TForce Core HB 200-160W E40 840 NB GM	20000	160	110-277	4000	70	70	>0.9	25000	50/60Hz	No	929001812408
TForce Core HB 200-160W E40 840 WB GM	20000	160	110-277	4000	130	70	>0.9	25000	50/60Hz	No	929001812508
TForce Core HB 200-160W E40 865 NB GM	20000	160	110-277	6500	70	70	>0.9	25000	50/60Hz	No	929001812608
TForce Core HB 200-160W E40 865 WB GM	20000	160	110-277	6500	130	70	>0.9	25000	50/60Hz	No	929001812708

TrueForce LED Industrial and Retail (Highbay – HPI/SON/HPL)

Versions

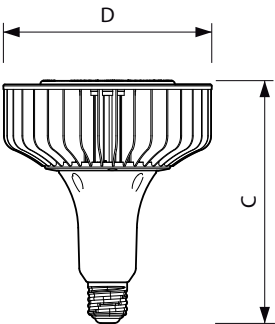
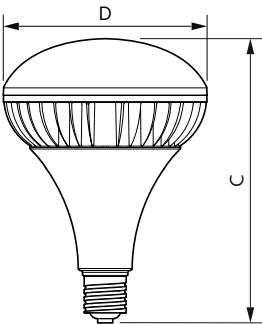


E40 Others



E40 Others

Dimensional drawing



Product	D	C
TrueForce HB 100-85W E40 865 120D GM	190 mm	270 mm
TForce HB 100-85W E40 865 120D LA	190 mm	270 mm
TForce HB 100-85W E40 840 120D LA	190 mm	270 mm
TForce HB 100-85W E40 840 120D CN	190 mm	270 mm
TForce HB 100-85W E40 865 120D CN	190 mm	270 mm
TrueForce HB 100-85W E40 840 120D GM	190 mm	270 mm

Product	D	C
TForce Core HB 200-160W E40 840 NB CN	211 mm	263 mm
TrueForce Core HB 200-160W E40 865 NB GM	211 mm	252 mm
TForce Core HB 200-160W E40 865 WB LA	211 mm	252 mm
TForce Core HB 200-160W E40 840 WB LA	211 mm	252 mm
TrueForce Core HB 200-160W E40 840 NB GM	211 mm	263 mm
TForce Core HB 200-160W E40 840 WB CN	211 mm	263 mm
TrueForce Core HB 200-160W E40 840 WB GM	211 mm	263 mm
TForce Core HB 200-160W E40 865 WB CN	211 mm	252 mm
TForce Core HB 200-160W E40 865 NB CN	211 mm	252 mm
TrueForce Core HB 200-160W E40 865 WB GM	211 mm	252 mm
TrueForce LED HPI ND 200-145W E40 840 120D	210 mm	250 mm
TrueForce LED HPI ND 200-145W E40 840 60D	210 mm	250 mm
TrueForce LED HPI ND 110-88W E40 840 60D	210 mm	250 mm
TrueForce LED HPI ND 110-88W E40 840 120D	210 mm	250 mm

