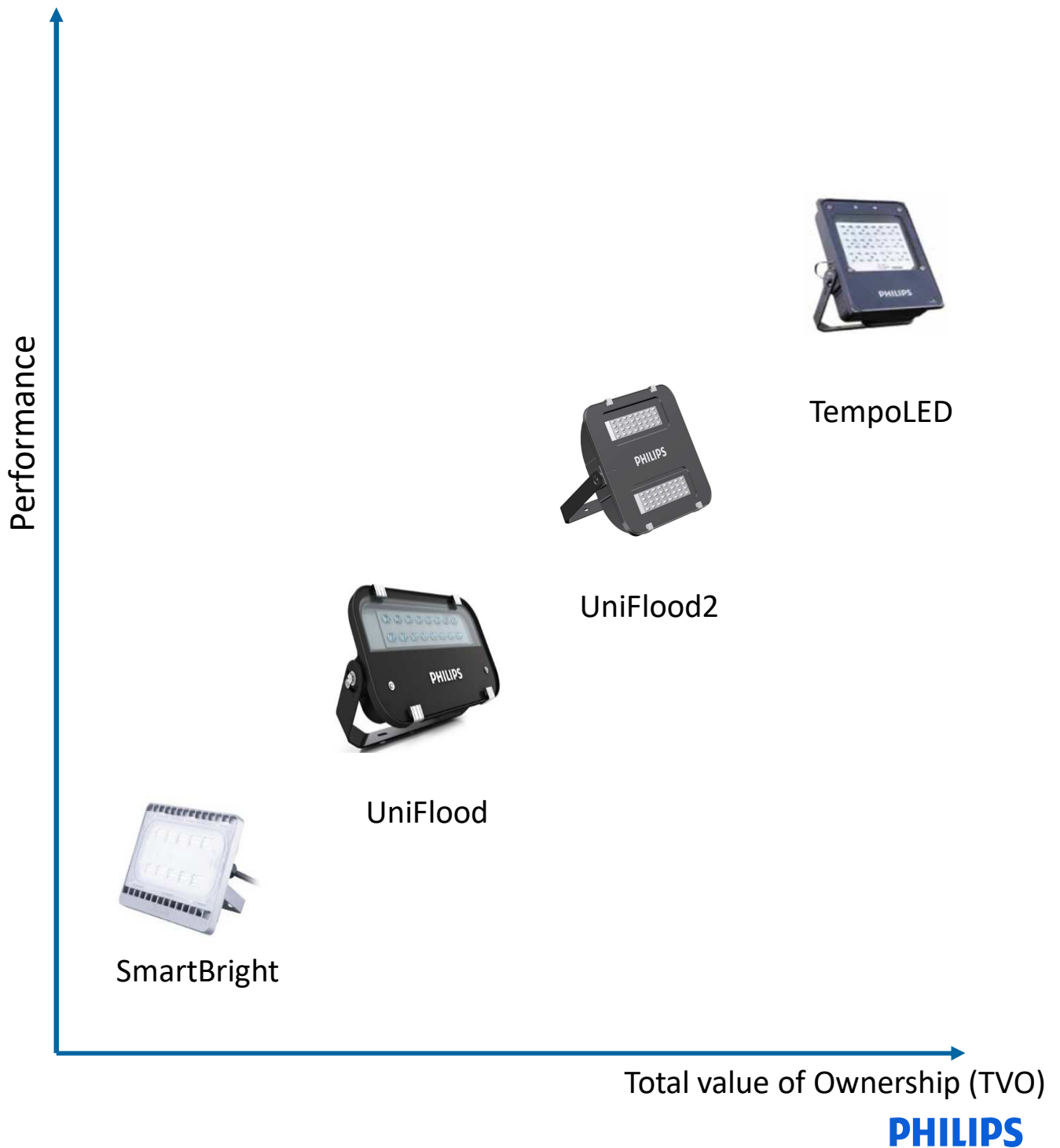


# TempoLED: LED Flood

# LED Flood Range and Positioning



# TempoLED

*General purpose LED flood light*



Tempo LED



## Key benefits:

- Upto 50% energy saving compare to conventional HID lamp system
- Long lifetime of 50k hrs at L70 required no lamp replacement
- IP65 ensures minimum maintenance needs.

**PHILIPS**

# TempoLED



Tempo LED

## USP/Differentiator

- *Direct LED Substitute of 150W-400W HPSV / MH flood lighting luminaire*
- *Lumen / watt – 100lm / W*
- *Best in class product in market which offer Multiple optics offering for Area application*
- *High power LED's*

## Target Group:

- *M& E Consultants / Industry / MC / Airports / Railways / Ports*

## Applications:

*Area Lighting, Apron lighting,  
Sports lighting  
Security lighting, Highmast  
application*

## Specifications

- *LM6 PDC Housing*
- *High efficiency Glass cover*
- *Lumen Pack : 15000 lm – 25000 lm(sys)*
- *System Power : 160 watt to 245 watt*
- *Driver Efficacy : > 85%*
- *Life L70, 50k Hrs*
- *Color temp : Cool white*
- *Graduation disk for aiming*
- *Suitable 'C' clamp mounting*

*All the specifications are nominal values and vary marginally (+/-5%) at rated voltage of 240V AC*

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# TempoLED

## Key specifications



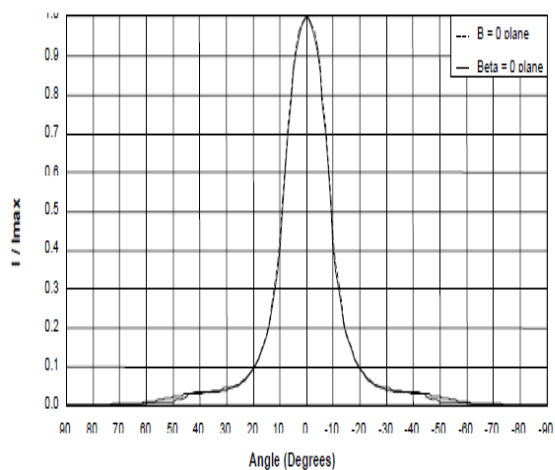
Tempo LED

	Value
Light source	High Power LED module
System efficacy	100lm/w (CW)
Water and dust proof	IP65
Mounting	Universal bracket
Driver	Integrated EL driver
Mains	240V 50hz,
Voltage range	140V – 270V
L70 lifetime	50,000 hrs.

Model	Lumen Package (lm)	Wattage (w)	Color Temp. (K)	Beam
BVP410	25,000	245	5700 (cool white)	NB (narrow beam) SY (symmetric narrow beam) AK (asymmetric beam)
	21,700	210		
	16,000	160		

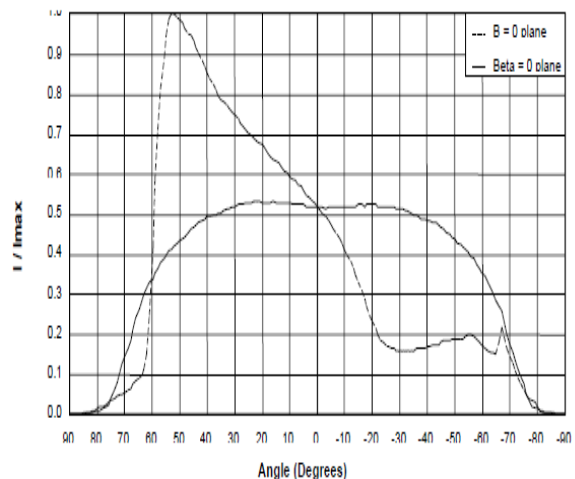
**PHILIPS**

# Multiple optics



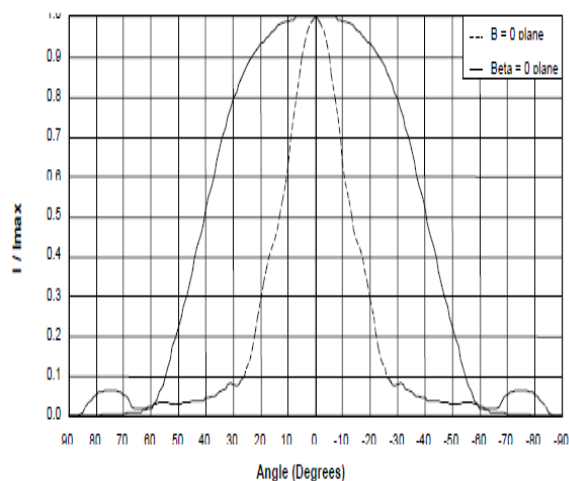
Note: The intensity units are expressed as candelas.  
The left and right sides of photometric data have been averaged.  
Both the vertical and the horizontal trace pass through the nadir.

**Symmetrical narrow beam (SY)**



Note: The intensity units are expressed as candelas.  
Data has not been averaged on left and right sides.  
Both the vertical and the horizontal trace pass through the nadir.

**Asymmetrical beam (AK)**

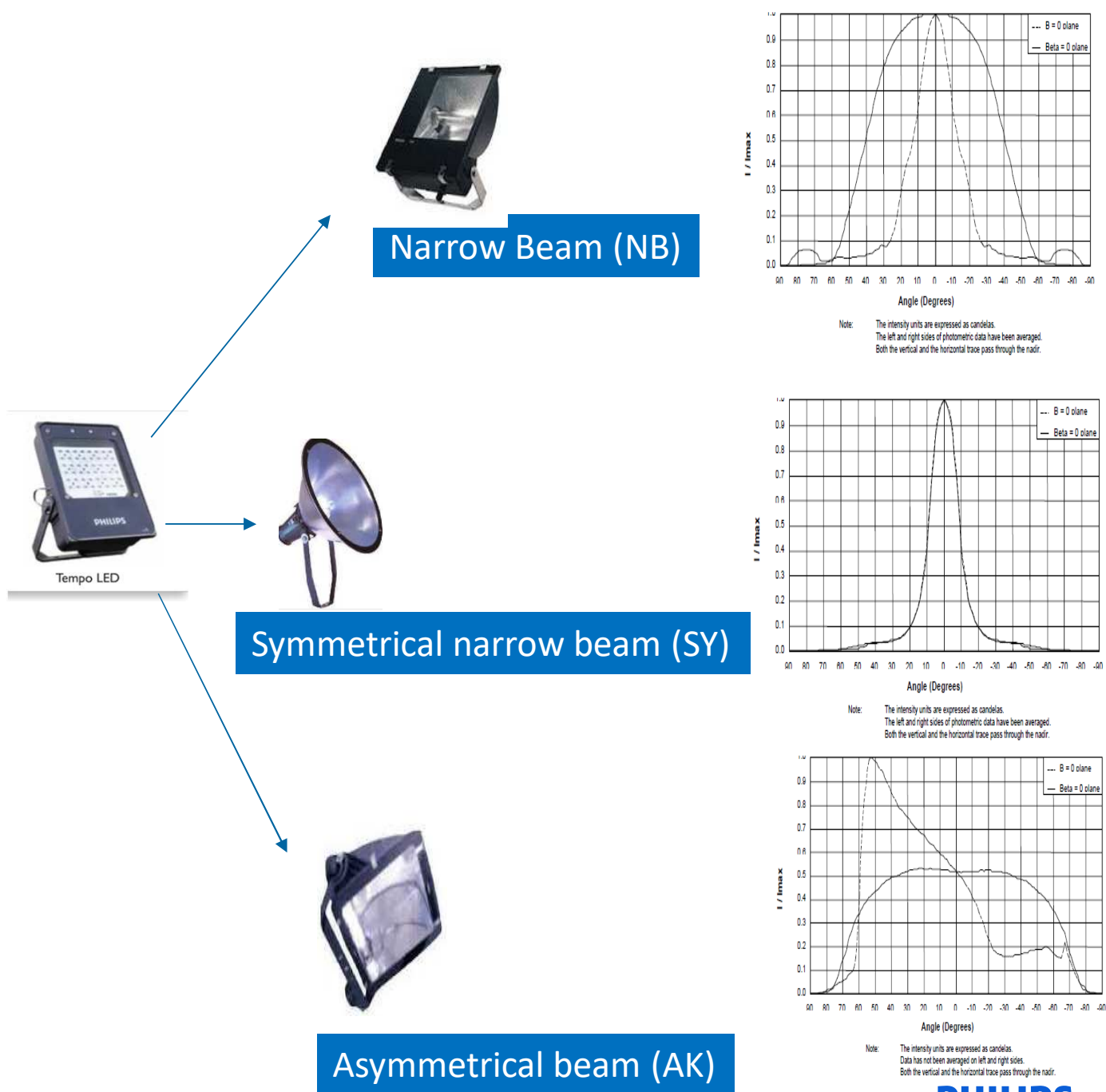


Note: The intensity units are expressed as candelas.  
The left and right sides of photometric data have been averaged.  
Both the vertical and the horizontal trace pass through the nadir.

**Narrow Beam (NB)**

# Optics : Conventional Reference

One Luminaire multiple options of optics for all applications



# TempoLED

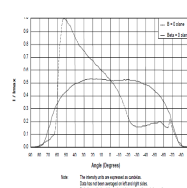
*Application and preferred choice of optics for higher spacing between high mast, lighting levels and uniformities*



Applications

Recreational sports lighting

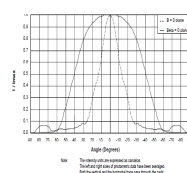
Preferred Optics Choice



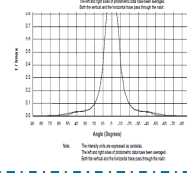
Asymmetrical beam (AK)



Area Lighting



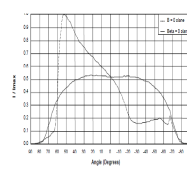
Narrow Beam (NB)



Symmetrical narrow beam (SY)



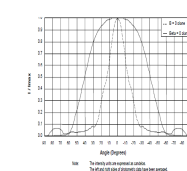
Apron lighting



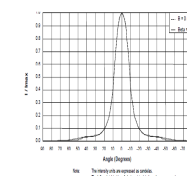
Asymmetrical beam (AK)



Industry area



Narrow Beam (NB)



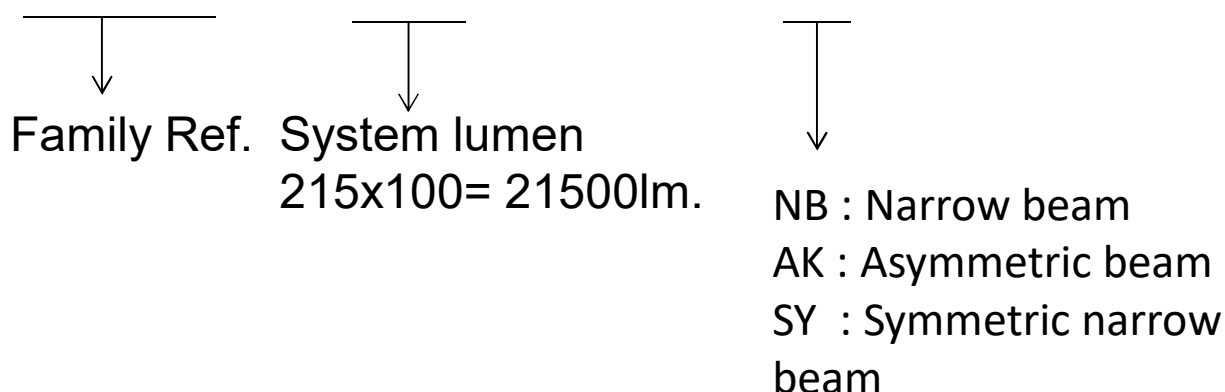
Symmetrical narrow beam (SY)

**PHILIPS**



# 12NC ordering code

**BVP410 LED 215 CW HE XX FG S3 XT**



12NC	Product description
919515811404	BVP410 LED 165 CW HE AK55 FG S3 XTFC
919515811405	BVP410 LED 215 CW HE AK55 FG S3 XTFC
919515811406	BVP410 LED 252 CW HE AK55 FG S3 XTFC
919515811335	BVP410 LED 165 CW HE SY20 FG S3 XTFC
919515811337	BVP410 LED 220 CW HE SY20 FG S3 XTFC
919515811339	BVP410 LED 255 CW HE SY20 FG S3 XTFC
919515810610	BVP410 LED 172 CW HE NB FG S3 XT
919515810531	BVP410 LED 210 CW HE NB FG S3 XT
919515810611	BVP410 LED 242 CW HE NB FG S3 XT

Check for updated 12NC before ordering