

## “VOX” HIGH POWER LED BULB (Model: HPBCV)

### FEATURES:

- High Efficiency (>100 lumens/W)
- 2.5kV surge protection for protection against transient voltage
- Wide input voltage range (180-305VAC) for protection against voltage fluctuation
- Oversized, fin type heat sink for long lifetime
- SAMSUNG LED (LM 80)
- 40,000 hours design life
- Suitable for heavy duty industrial and commercial applications



### SPECIFICATIONS<sup>+</sup>:

PARAMETERS	HPBCV-200	HPBCV-400	HPBCV-600
System Power	20W	40W	60W
LED Chips/Packages	SAMSUNG mid power		
Color Temperature (CCT)	3000K, 4000K, 6500K		
CRI	>80		
Luminous Flux	>2000 lm	>4000 lm	>6000 lm
Luminous Efficacy	>100 lm/W		
Input Voltage	180-305 Vac 50/60Hz		
Surge Protection	2.5kV		
Dimming	Non-dimmable		
Beam Angle	110 Degrees		
Design Life	40,000 hours		
Housing Color	Silver		
Housing Material	Aluminum		
Diffuser Material	Polycarbonate (frost)		
Lamp Base	E27		
Dimension	φ120mm x H170mm	φ155mm x H210mm	φ155mm x H230mm

<sup>+</sup> Product specifications are subject to changes without notice.

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Date: 2017.08.24

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## “VOX” HIGH POWER LED BULB (Model: HPBCV)

### PRODUCT PHOTOS:



### ORDERING INFORMATION: e.g., HPBCV-40065N-80120

Series	Wattage	Color Temperature (CCT)	Dimming	CRI	Beam Angle (deg)
HPBCV “VOX” HIGH POWER BULB	20 20W	30 3000K	N Non-dimmable	80 Ra 80	120 120 Degrees
	40 40W	40 4000K			
	60 60W	65 6500K			

## “VOX” HIGH POWER LED BULB (Model: HPBCV)

### PHOTOMETRIC TEST RESULTS\*: 40W

**Filename:** CLARO VOX BULB 40W HPBCV-40065N

**Manufacturer:** EPITAX PTE LTD (SINGAPORE)

**Luminaire:** CLARO “VOX” HIGH POWER LED BULB 40W

**Lamp:** LED

**Lamp Cat:** HPBCV-40065N

**Lamp Output:** Total luminaire Lumens: 4097.2

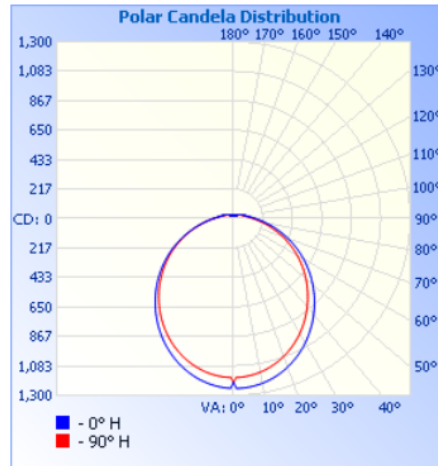
**Max Candela:** 1,248.4 at Horizontal: 0°, Vertical: 1°

**Input Wattage:** 39.7

**Luminous Opening:** Vertical Cylinder (Dia : 0.16M, H: 0.21M)

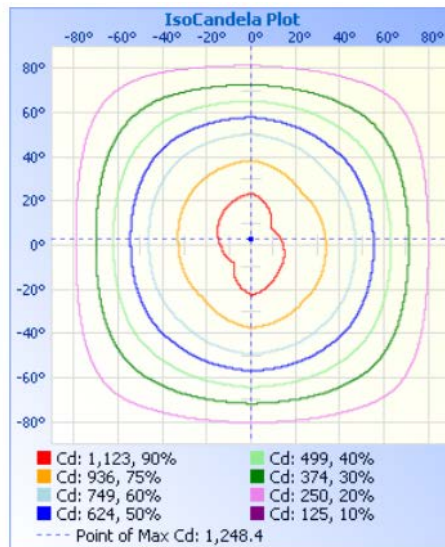
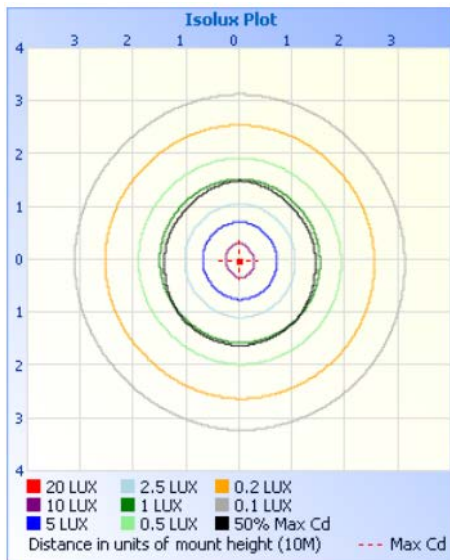
**Photometry :** Type C

**Cutoff Class:** Semicutoff



#### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	91.6%	3,755.0	n/a	190.1
Beam (50%):	59.4%	2,435.3	109.7	114.8
<b>Total:</b>	<b>100%</b>	<b>4,096.9</b>		



Distance	Illuminance at a Distance	
	Center Beam LUX	Beam Width
1.67M	433 LUX	5.21 M 4.74 M
3.33M	108 LUX	10.43 M 9.48 M
5.00M	48.1 LUX	15.64 M 14.21 M
6.67M	27.1 LUX	20.85 M 18.95 M
8.33M	17.3 LUX	26.06 M 23.68 M
10.00M	12.0 LUX	31.28 M 28.42 M

■ Vert. Spread: 114.8°  
■ Horiz. Spread: 109.7°

\* Photometric test results of only 40W are presented. Test results of other wattages are available upon request.

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