

# Troffer

## Comparison Chart

### NPTCB (Old Version)



### NPTCBSW (New Version)



<b>Sizes</b> (Part Numbers)	<b>1' x 4'</b> (NPTCB-E14) <b>2' x 2'</b> (NPTCB-E22) <b>2' x 4'</b> (NPTCB-E24)	<b>2' x 2'</b> (NPTCBSW-22) <b>2' x 4'</b> (NPTCBSW-24)
<b>Lumens / Wattage</b>	<b>1' x 4'</b> (3400lm / 33W) <b>2' x 2'</b> (3400lm / 33W) <b>2' x 4'</b> (6100lm / 44W)	 <b>Selectable Lumens</b> <b>2' x 2'</b> (Selectable Lumens: 2850lm to 5050lm) <b>2' x 4'</b> (Selectable Lumens: 4250lm to 6350lm)
<b>Color Temperature</b>	<b>30AW</b> (3000K) <b>35AW</b> (3500K) <b>40AW</b> (4000K) <b>50AW</b> (5000K)	 <b>Selectable CCT</b> <b>SCW</b> (Selectable CCT - 30K/35K/40K/50K/65K)
<b>Optional Emergency</b>	<b>EM</b> (Integrated emergency battery with remote test switch)	<b>NEPK-20LEDUNV-JB</b> (20W Emergency Driver Kit with remote test switch)

# Sapphire II vs Sapphire III Frame-Ins

## Comparison Chart

### Sapphire II



### Sapphire III



<b>Frame-In Types</b> (Part Numbers)	4"	<b>New Construction</b> (NCAH2-430) <b>Remodel</b> (NCHR2-434)	<b>New Construction</b> (NCH3-4) <b>Remodel</b> (NCHR3-4)
	6"	<b>New Construction</b> (NCAH2-630) <b>Remodel</b> (NCHR2-634)	<b>New Construction</b> (NCH3-6) <b>Remodel</b> (NCHR3-6)
	8"	<b>New Construction</b> (NCAH2-830) <b>Remodel</b> (NCHR2-834)	<b>New Construction</b> (NCH3-8) <b>Remodel</b> (NCHR3-8)
<b>Lumens / Wattage</b> (Part Numbers)	4"	<b>900lm / 16W</b> (L09) <b>1500lm / 18W</b> (L15) <b>2500lm / 28W</b> (L25)	<b>900lm / 11W</b> (L1) <b>1500lm / 16W</b> (L2) <b>2500lm / 24W</b> (L3) <b>3500lm / 36W</b> (L4) <b>4500lm / 46W</b> (L5)
	6"	<b>900lm / 16W</b> (L09) <b>1500lm / 18W</b> (L15) <b>2500lm / 28W</b> (L25)	<b>900lm / 11W</b> (L1) <b>1500lm / 16W</b> (L2) <b>2500lm / 24W</b> (L3)
	8"	<b>3500lm / 46W</b> (L35) <b>4500lm / 60W</b> (L45)	<b>3500lm / 36W</b> (L4) <b>4500lm / 46W</b> (L5) <b>5500lm / 60W</b> (L6)
<b>Input Voltage / Dimming Type</b> (Part Numbers)	4"	<b>LE3</b> (120V input; Triac/ELV/0-10V Dimming) <b>LE6</b> (120-277V input; 0-10V Dimming)	<b>P01</b> (120V input; Triac/ELV Dimming) <b>C12</b> (120-277V input; 0-10V Dimming)
	6"		
	8"		
<b>Emergency</b> (Part Number)	4"	<b>Emergency with Remote Test Switch</b> (EM - New Construction only)	
	6"	<b>Emergency with Remote Test Switch</b> (EM - New Construction only)	
	8"	<b>Emergency with Integral Test Switch</b> (EMI - New Construction & Reflector only)	

# Sapphire II vs Sapphire III Adjustable Downlights

## Comparison Chart

### Sapphire II



### Sapphire III



<b>Trim Types</b> (Part Numbers)	4"	<b>Adjustable</b> (NC2-439)	<b>Adjustable</b> (NC3-49)
	6"	<b>Adjustable</b> (NC2-639)	<b>Adjustable</b> (NC3-69)
	8"	<b>Adjustable</b> (NC2-839)	<b>Adjustable</b> (NC3-89)
<b>Lumens / Wattage</b> (Part Numbers)	4"	<b>900lm / 16W</b> (L09) <b>1500lm / 24W</b> (L15)	<b>900lm / 11W</b> (L1) <b>1500lm / 16W</b> (L2)
	6"	<b>900lm / 16W</b> (L09) <b>1500lm / 24W</b> (L15) <b>2500lm / 30W</b> (L25)	<b>900lm / 11W</b> (L1) <b>1500lm / 16W</b> (L2) <b>2500lm / 24W</b> (L3)
	8"	<b>3500lm / 42W</b> (L35)	<b>3500lm / 38W</b> (L4) <b>4500lm / 46W</b> (L5)
<b>Color Temperature</b> (Part Numbers)	4"	<b>2700K</b> (27)	
	6"	<b>3000K</b> (30)	
	8"	<b>3500K</b> (35) <b>4000K</b> (40)	
<b>Beam Spread</b> (Part Numbers)	4"	<b>Spot</b> (S) <b>Narrow Flood</b> (M) <b>Flood</b> (F)	<b>Spot</b> (S) <b>Narrow Flood</b> (N) <b>Flood</b> (F)
	6"		
	8"		
<b>Finishes</b> (Part Numbers)	4"	<b>Black / Self Flanged</b> (BSF) <b>Haze / Self Flanged</b> (HSF) <b>Haze / White Flange</b> (HWSF) <b>White / Self Flanged</b> (WSF)	<b>Black / Black</b> (BB) <b>Haze / Haze</b> (HZ) <b>Haze / Matte Powder White</b> (HZMPW) <b>Matte Powder White / Matte Powder White</b> (MPW)
	6"		
	8"	<b>White / Self Flanged</b> (WSF)	<b>Matte Powder White / Matte Powder White</b> (MPW)

# Sapphire II vs Sapphire III Adjustable Housings

## Comparison Chart

### Sapphire II



### Sapphire III



<b>Frame-In Types</b> (Part Numbers)	4"	<b>Non-IC New Construction</b> (NCAH2-439)	<b>IC New Construction</b> (NCHAIC3-4)
	6"	<b>Non-IC New Construction</b> (NCAH2-639)	<b>IC New Construction</b> (NCHAIC3-6) <b>Non-IC New Construction</b> (NCHA3-6)
	8"	<b>Non-IC New Construction</b> (NCAH2-839)	<b>IC New Construction</b> (NCHAIC3-8) <b>Non-IC New Construction</b> (NCHA3-8)
<b>Lumens / Wattage</b> (Part Numbers)	4"	<b>900lm / 16W</b> (L09) <b>1500lm / 24W</b> (L15)	<b>900lm / 11W</b> (L1) <b>1500lm / 16W</b> (L2)
	6"	<b>900lm / 16W</b> (L09) <b>1500lm / 24W</b> (L15) <b>2500lm / 30W</b> (L25) <b>3500lm / 42W</b> (L35)	<b>900lm / 11W</b> (L1) <b>1500lm / 16W</b> (L2) <b>2500lm / 24W</b> (L3) <b>3500lm / 38W</b> (L4) <b>4500lm / 46W</b> (L5)
	8"		
<b>Input Voltage / Dimming Type</b> (Part Numbers)	4"	<b>LE3</b> (120V input; Triac/ELV/0-10V Dimming) <b>LE6</b> (120-277V input; 0-10V Dimming)	<b>P01</b> (120V input; Triac/ELV Dimming) <b>C12</b> (120-277V input; 0-10V Dimming)
	6"		
	8"		