

# SMD Leds

By Harvatek

Part Number	Lighting Color	Description
HT-110D	610nm (peak) Amber	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110NB	468nm (peak) Blue	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110NG	527nm (peak) True Green	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110SD	630nm (peak) S.Bright Orange	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110TW	468nm (peak) Blue + Phosphor	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110UD	609nm (peak) U.Bright Amber	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110UR	660nm (peak) S.Bright Red	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110USD	636nm (peak)U.Bright Orange	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110UY	593nm (peak) U.Bright Yellow	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110UYG	574nm (peak) U.Bright Y.Green	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110Y	589nm (peak) Yellow	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110YG	568nm (peak) Yellow Green	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-110YQ	589nm (peak) Yellow	Right Angle -Round / 1204 / 3.2x1.5x1.0
HT-121D	610nm (peak) Amber	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121NB	468nm (peak) Blue	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121NG	527nm (peak) True Green	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121SD	630nm (peak) S.Bright Orange	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121TW	468nm (peak) Blue + Phosphor (white)	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121UD	609nm (peak) U.Bright Amber	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121UR	660nm (peak) S.Bright Red	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121USD	636nm (peak) U.Bright Orange	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121UY	593nm (peak) U.Bright Yellow	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121UYG	574nm (peak) U.Bright Y.Green	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121Y	589nm (peak) Yellow	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-121YG	568nm (peak) Yellow Green	Right Angle -Oval / 0604 / 1.6x1.0x0.6
HT-122D	610nm (peak) Amber	Top View / 0603 / 0,35mm height
HT-122NB	468nm (peak) Blue	Top View / 0603 / 0,35mm height
HT-122NG	527nm (peak) True Green	Top View / 0603 / 0,35mm height

Part Number	Lighting Color	Description
HT-122SD	630nm (peak) S.Bright Orange	Top View / 0603 / 0,35mm height
HT-122TW	468nm (peak) Blue + Phosphor (white)	Top View / 0603 / 0,35mm height
HT-122UD	609nm (peak) U.Bright Amber	Top View / 0603 / 0,35mm height
HT-122UR	660nm (peak) S.Bright Red	Top View / 0603 / 0,35mm height
HT-122USD	636nm (peak) U.Bright Orange	Top View / 0603 / 0,35mm height
HT-122UY	593nm (peak) U.Bright Yellow	Top View / 0603 / 0,35mm height
HT-122UYG	574nm (peak) U.Bright Y.Green	Top View / 0603 / 0,35mm height
HT-122Y	589nm (peak) Yellow	Top View / 0603 / 0,35mm height
HT-122YG	568nm (peak) Yellow Green	Top View / 0603 / 0,35mm height
HT-12HTW5		Side View
HT-12HNB5		Side View
HT-12HNG5		Side View
	610nm ( peak ) Amber	
HT-150D	468nm (peak) Blue	Top view / 1206 / 3.2x1.6x1.1
HT-150NB	527nm (peak) True Green	Top view / 1206 / 3.2x1.6x1.1
HT-150NG	630nm (peak) S.Bright Orange	Top view / 1206 / 3.2x1.6x1.1
HT-150SD	468nm (peak) Blue + Phosphor	Top view / 1206 / 3.2x1.6x1.1
HT-150TW	609nm (peak) U.Bright Amber	Top view / 1206 / 3.2x1.6x1.1
HT-150UD	660nm (peak) S.Bright Red	Top view / 1206 / 3.2x1.6x1.1
HT-150UR	645nm (peak) U.Bright red	Top view / 1206 / 3.2x1.6x1.1
HT-150URO	636nm (peak) U.Bright Orange	Top view / 1206 / 3.2x1.6x1.1
HT-150USD	593nm (peak) U.Bright Yellow	Top view / 1206 / 3.2x1.6x1.1
HT-150UY	574nm (peak) U.Bright Y.Green	Top view / 1206 / 3.2x1.6x1.1
HT-150UYG	589nm (peak) Yellow	Top view / 1206 / 3.2x1.6x1.1
HT-150Y	568nm (peak) Yellow Green	Top view / 1206 / 3.2x1.6x1.1
HT-150YG		Top view / 1206 / 3.2x1.6x1.1
	610nm Amber / 568nm Y.Green	
HT-155D/YG	630nm SB Orange / 574nm Super Y.Green	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155UD/UYG	630nm SB Orange / 568nm Y.Green	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155SD/YG	609nm UB Amber / 468nm Blue	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155UD/NB	660nm SB Red / 568nm Y.Green	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155UR/YG	636nm UB Orange / 468nm Blue	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155USD/NB	636nm UB Orange / 527nm True Green UR	Top View / 1210 / 3.2x2.7x1.1 / bicolor

Part Number	Lighting Color	Description
HT-155USD/NG	636nm UB Orange / 574nm UB. Y.Green	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155USD/UYG	593nm UB Yellow / 468nm Blue	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155UY/NB	593nm UB Yellow / 574nm UB. Y.Green	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155UY/UYG	589nm Yel / 568nm Yellow Green	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155Y/YG	568nm Y.Green / 630nm SB Orange	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155YG/SD	568nm Y.Green / 568nm Y.Green	Top View / 1210 / 3.2x2.7x1.1 / bicolor
HT-155YG/YG		Top View / 1210 / 3.2x2.7x1.1 / bicolor
	610nm ( peak ) Amber	
HT-159D	468nm (peak) Blue	Top View with Dome / 1206 /
HT-159NB	527nm (peak) True Green	Top View with Dome / 1206 /
HT-159NG	630nm (peak) S.Bright Orange	Top View with Dome / 1206 /
HT-159SD	609nm (peak) U.Bright Amber	Top View with Dome / 1206 /
HT-159UD	660nm (peak) S.Bright Red	Top View with Dome / 1206 /
HT-159UR	645nm ( peak ) U. Bright Deep Red	Top View with Dome / 1206 /
HT-159URO	636nm (peak) U.Bright Orange	Top View with Dome / 1206 /
HT-159USD	593nm (peak) U.Bright Yellow	Top View with Dome / 1206 /
HT-159UY	574nm (peak) U.Bright Y.Green	Top View with Dome / 1206 /
HT-159UYG	589nm (peak) Yellow	Top View with Dome / 1206 /
HT-159Y	568nm (peak) Yellow Green	Top View with Dome / 1206 /
HT-159YG	White	Top View with Dome / 1206 /
HT-159TW		Top View with Dome / 1206 /
	610nm ( peak ) Amber	
HT-159RD	468nm (peak) Blue	Top View with Dome / 1206 /
HT-159RNB	527nm (peak) True Green	Top View with Dome / 1206 / reverse mount
HT-159RNG	630nm (peak) S.Bright Orange	Top View with Dome / 1206 / reverse mount
HT-159RSD	609nm (peak) U.Bright Amber	Top View with Dome / 1206 / reverse mount
HT-159RUD	660nm (peak) S.Bright Red	Top View with Dome / 1206 / reverse mount
HT-159RUR	645nm ( peak ) U. Bright Deep Red	Top View with Dome / 1206 / reverse mount
HT-159RURO	636nm (peak) U.Bright Orange	Top View with Dome / 1206 /
HT-159RUSD	593nm (peak) U.Bright Yellow	Top View with Dome / 1206 / reverse mount
HT-159RUY	574nm (peak) U.Bright Y.Green	Top View with Dome / 1206 / reverse mount
HT-159RUYG	589nm (peak) Yellow	Top View with Dome / 1206 / reverse mount
HT-159RY	568nm (peak) Yellow Green	Top View with Dome / 1206 / reverse mount

Part Number	Lighting Color	Description
HT-159RYG	White	Top View with Dome / 1206 / reverse mount
HT-159RTW		Top View with Dome / 1206 / reverse mount
HT-170D	610nm (peak) Amber	Top View / 0805 / 2.0x1.3x0.8
HT-170NB	468nm (peak) Blue	Top View / 0805 / 2.0x1.3x0.8
HT-170NG	527nm (peak) True Green	Top View / 0805 / 2.0x1.3x0.8
HT-170SD	630nm (peak) SB.Orange	Top View / 0805 / 2.0x1.3x0.8
HT-170TD	468nm (peak) Blue + Phosphor (White)	Top View / 0805 / 2.0x1.3x0.8
HT-170TW	609nm (peak) UB. Amber	Top View / 0805 / 2.0x1.3x0.8
HT-170UD	660nm (peak) Super Bright Red	Top View / 0805 / 2.0x1.3x0.8
HT-170UR	645nm (peak) Ultra Bright Red UR	Top View / 0805 / 2.0x1.3x0.8
HT-170URO	636nm (peak) UB.Orange	Top View / 0805 / 2.0x1.3x0.8
HT-170USD	593nm (peak) UB.Yellow	Top View / 0805 / 2.0x1.3x0.8
HT-170UY	574nm (peak)UB.Yel.Green	Top View / 0805 / 2.0x1.3x0.8
HT-170UYG	589nm (peak) Yellow	Top View / 0805 / 2.0x1.3x0.8
HT-170Y	568nm (peak) Yellow Green	Top View / 0805 / 2.0x1.3x0.8
HT-170YG		Top View / 0805 / 2.0x1.3x0.8
HT-191D	610nm (peak) Amber	Top View / 0603 / 1.6x0.8x0.6
HT-191SD	630nm (peak) Super Bright orange	Top View / 0603 / 1.6x0.8x0.6
HT-191UD	609nm (peak) Ultra Bright Amber	Top View / 0603 / 1.6x0.8x0.6
HT-191UR	660nm (peak) Super Bright Red	Top View / 0603 / 1.6x0.8x0.6
HT-191URO	645nm (peak) Ultra Bright Red	Top View / 0603 / 1.6x0.8x0.6
HT-191USD	636nm (peak) Ultra Bright Orange	Top View / 0603 / 1.6x0.8x0.6
HT-191UY	593nm (peak) Ultra Bright Yellow	Top View / 0603 / 1.6x0.8x0.6
HT-191UY5	593nm (peak) Ultra Bright Yellow UR	Top View / 0603 / 1.6x0.8x0.6
HT-191UYG	574nm (peak) Ultra Bright Yellow Green	Top View / 0603 / 1.6x0.8x0.6
HT-191Y	589nm (peak) Yellow	Top View / 0603 / 1.6x0.8x0.6
HT-191YG	568nm (peak) Yellow Green	Top View / 0603 / 1.6x0.8x0.6
HT-193UD	609nm (peak) Ultra Bright Amber	Top View / 0603 / 1.6x0.8x0.6
HT-193URO	645 (peak) Ultra Bright Red	Top View / 0603 / 1.6x0.8x0.6
HT-193USD	636nm (peak) Ultra Bright Orange	Top View / 0603 / 1.6x0.8x0.6
HT-193UY	593nm (peak) Ultra Bright Yellow	Top View / 0603 / 1.6x0.8x0.6
HT-193UYG	574nm (peak) Ultra Bright Yellow Green	Top View / 0603 / 1.6x0.8x0.6

Part Number	Lighting Color	Description
HT-193UYG	468nm (peak) Blue	Top View / 0603 / 1.6x0.8x0.6
HT-193NB	527 nm (peak) TrueGreen	Top View / 0603 / 1.6x0.8x0.6
HT-193NG	468nm (peak) !blue+ phosphor	Top View / 0603 / 1.6x0.8x0.6
HT-193TW		Top View / 0603 / 1.6x0.8x0.6
	468nm (peak) Blue	
HT-1J9NB	527nm (peak) True Green	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9NG	630nm (peak) S.Bright Orange	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9SD	609nm (peak) U.Bright Amber	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9UD	660nm (peak) S.Bright Red	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9UR	636nm (peak) U.Bright Orange	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9USD	645nm ( peak ) U. Bright Deep Red	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9URO	593nm (peak) U.Bright Yellow	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9UY	574nm (peak) U.Bright Y.Green	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9UYG	589nm (peak) Yellow	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9Y	568nm (peak) Yellow Green	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9YG	White	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9TW	610nm ( peak ) Amber	Top View with Dome / 1206 / 50 degree viewing angle
HT-1J9D		Top View with Dome / 1206 / 50 degree viewing angle
	468nm (peak) Blue	
HT-1J9RNB	527nm (peak) True Green	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RNG	630nm (peak) S.Bright Orange	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RSD	609nm (peak) U.Bright Amber	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RUD	660nm (peak) S.Bright Red	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RUR	636nm (peak) U.Bright Orange	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RUSD	593nm (peak) U.Bright Yellow	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RUY	574nm (peak) U.Bright Y.Green	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RUYG	589nm (peak) Yellow	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RY	568nm (peak) Yellow Green	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RYG	White	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RTW	610nm ( peak ) Amber	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RD	645nm ( peak ) U. Bright Deep Red	Top View with Dome / 1206 / reverse mount / 50 degree
HT-1J9RURO		Top View with Dome / 1206 / reverse mount / 50 degree

Part Number	Lighting Color	Description
HT-210D/YG	610nm Amber / 568nm Yellow Green	Right Angle-Oval/1204/3.2x1.5x1.0/Bicolor
HT-210SD/YG	630nm SB Orange / 568nm Y.Green	Right Angle-Oval/1204/3.2x1.5x1.0/Bicolor
HT-210UD/NB	609nm UB Amber / 468nm Blue	Right Angle-Oval/1204/3.2x1.5x1.0/Bicolor
HT-210UD/UYG	609nm UB Amber / 574nm UB Y.Green	Right Angle-Oval/1204/3.2x1.5x1.0/Bicolor
HT-210USD/NB	636nm UB Orange / 468nm Blue	Right Angle-Oval/1204/3.2x1.5x1.0/Bicolor
HT-210USD/UYG	636nm UB Orange / 574nm UB Y.Green	Right Angle-Oval/1204/3.2x1.5x1.0/Bicolor
HT-210UY/NB	593nm UB Yellow / 468nm Blue	Right Angle-Oval/1204/3.2x1.5x1.0/Bicolor
HT-210UY/UYG	593nm UB Yellow / 574nm UB Y.Green	Right Angle-Oval/1204/3.2x1.5x1.0/Bicolor
HT-210Y/YG	589nm Yellow / 568nm Yellow Green	Right Angle-Oval/1204/3.2x1.5x1.0/Bicolor
HT-260D	610nm (peak)Amber	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260NB	468nm (peak) Blue	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260NG	527nm (peak) True Green	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260SD	630nm (peak) Super Bright Orange	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260TW	468nm (peak) Blue + Phosphor (white)	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260UD	609nm (peak) Ultra Bright Amber	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260UR	660nm (peak) Super Bright Red	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260URO	640nm ( peak ) U. Bright deep red	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260USD	636nm (peak) Ultra Bright Orange	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260UY	592nm (peak) Ultra Bright Yellow	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260UYG	574nm (peak) Ultra Bright Yellow Green	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260Y	589nm (peak) Yellow	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-260YG	568nm (peak) Yellow Green	Flat/Reversed mount/1205/3.2x1.2x1.1
HT-261USD/UYG	630nm AllnGaP red / 575nm AllnGaP Yellow Green	Top View / 0606 / bi-color / 1.5mm X 1.6mm X 0.55mm
HT-261UYG/NB	575nm AllnGaP Yellow Green / 470nm Blue	Top View / 0606 / bi-color / 1.5mm X 1.6mm X 0.55mm
HT-261USDZ/UYGZ	630nm AllnGaP red / 575nm AllnGaP Yellow Green	Top View / 0606 / bi-color / 1.5mm X 1.6mm X 0.55mm
HT-261UYGZ/NBZ	575nm AllnGaP Yellow Green / 470nm Blue	Top View / 0606 / bi-color / 1.5mm X 1.6mm X 0.55mm
HT-264 D/YG	610nm Amber / 568nm Yellow Green	Top View/0606
HT-264 SD/YG	630nm SB Orange / 568nm Y.Green	Top View/0606
HT-264 UR/YG	660nm Super Bright Red / 568nm Yellow Green	Top View/0606
	636nm UB Orange / 574nm UB Y.Green	Top View/0606

Part Number	Lighting Color	Description
HT-264 USD/UYG	593nm UB Yellow / 574nm UB Y.Green	Top View/0606
HT-264 UY/UYG	609nm UB Amber / 574nm UB Y.Green	Top View/0606
HT-264 UD/UYG	636nm UB Orange / 468nm Blue	Top View/0606
HT-264 USD/NB	593nm UB Yellow / 468nm Blue	Top View/0606
HT-264 UY/NB	636nm UB Orange /468nm Blue	Top View/0606
HT-264 UD/NB	589nm Yellow / 568nm Yellow Green	Top View/0606
HT-264 Y/YG		Top View/0606
	since Q1,06UR	
HT-280 serie		
	609nm UB Amber / 574nm UB Y.Green	
HT-297 UD/UYG	636nm UB Orange / 468nm Blue	Top View / 0603 / 1.6x0.8x0.5 / Bicolor
HT-297 USD/NB	636nm UB Orange / 527nm True Green	Top View / 0603 / 1.6x0.8x0.5 / Bicolor
HT-297 USD/NG	636nm UB Orange / 574nm UB Y.Green	Top View / 0603 / 1.6x0.8x0.5 / Bicolor
HT-297 USD/UYG	<b>593nm UB Yellow / 574nm UB Y.Green</b>	Top View / 0603 / 1.6x0.8x0.5 / Bicolor
HT-297 UY/UYG	<b>589nm Yellow / 568nm Yellow Green</b>	Top View / 0603 / 1.6x0.8x0.5 / Bicolor
HT-297 Y/YG		Top View / 0603 / 1.6x0.8x0.5 / Bicolor
	636nm UB Orange/527nm T.Green/468nm BlueUR	
	609nm UB Amber/527nm T.Green/468nm BlueUR	
HT-350FCH		Top View / 1210 / 3.2x2.7x1.1 / Tri-color
HT-350FDH		Top View / 1210 / 3.2x2.7x1.1 / Tri-color
HT-363FCH		
	636nm UB Orange / 527nm Green / 468nm Blue	
HT-380FCH		Top View / 1616 / Tricolor
	636nm UB Orange / 527nm Green / 468nm Blue	
HT-388FCH		Top View / 0606 / Tricolor
	700nm (Peak) Red with 1000 ohm /10-12V	
HT-730RL-R	568nm (peak)Y.Green w 1000 ohm/10-12V	Top View / 1206 / 3.2x1.6x1.5 / With resistor
HT-730RL-YG		Top View / 1206 / 3.2x1.6x1.5 / With resistor
	UR	
HT-C169TWH		Top view / Ceramic / White
	636nm UB Orange / 527nm Green / 468nm Blue	
HT-C365FCH		Top View/ Ceramic/ RGB UR
	615nm UB Orange/ 527nm Green/ 468nm Blue	
HT-E311FCH	609nm UB Orange/ 527nm Green/ 468nm Blue	Right angle -Oval /1204/3.2x1.5x1.0/Tri-color

Part Number	Lighting Color	Description
HT-E311FDH		Right angle -Oval /1204/3.2x1.5x1.0/Tri-color
HT-E358FCH	636nm UB Orange / 527nm Green/ 468nm Blue	
HT-E358FDH	609nm UB Amber /527nm Green / 468nm Blue	Top View / housing / 1210/ 3.2x2.7x1.1 / Tri-color <b>Top View / housing / 1210/ 3.2x2.7x1.1 / Tri-color</b>
HT-E372FCH	636nm UB Orange / 527nm Green / 468nm Blue	
HT-E372FDH	609nm UB Amber / 527nm Green / 468nm Blue	Top View / 0805 / 2.0x1.3x0.5 / Tricolor Top View / 0805 / 2.0x1.3x0.5 / Tricolor
HT-E374FCH	636nm UB Orange / 527nm Green / 468nm Blue	
HT-E374FDH	609nm UB Amber / 527nm Green / 468nm Blue	Top View / 0805 / 2.0x1.3x0.5 / Tricolor Top View / 0805 / 2.0x1.3x0.5 / Tricolor
HT-380FCH	636nm UB Orange / 527nm Green / 468nm Blue	Top View / 1616 / Tricolor
HT-F150USD	622nm Ultra bright Orange	
HT-F150NB	468nm (peak) Blue	LF/Top View/1206
HT-F150NG	527nm (peak) true green	LF/Top View/1206
HT-F150TW	468nm (peak) Blue+phosphor (white)	LF/Top View/1206 LF/Top View/1206
HT-F158UD	605nm AllnGaP Orange	
HT-F158URO	640nm AllnGaP Deep Red	Top View/ 3.0X2.0X0.5mm/ mono color/ 20mA
HT-F158USD	630nm AllnGaP Red	Top View/ 3.0X2.0X0.5mm/ mono color/ 20mA
HT-F158UY	590nm AllnGaN Yellow	Top View/ 3.0X2.0X0.5mm/ mono color/ 20mA
HT-F158UYG	575nm AllnGaP Yellow Green	Top View/ 3.0X2.0X0.5mm/ mono color/ 20mA Top View/ 3.0X2.0X0.5mm/ mono color/ 20mA
HT-F159UD	609nm (peak) U.Bright Amber	
HT-F159USD	609nm (peak) U.Bright Amber	PLCC2 Low profile
HT-F159UPG	527nm (peak) True Green UR	PLCC2 Low profile
HT-F159URO	660nm (peak) S.Bright Red	PLCC2 Low profile
HT-F159UROF	660nm (peak) S.Bright Red	PLCC2 Low profile
HT-F159UY	593nm (peak) Ultra Bright Yellow	PLCC2 Low profile
HT-F159UYG	574nm (peak) Ultra Bright Yellow Green	PLCC2 Low profile PLCC2 Low profile
HT-F166TWX	White	Top View / mid power package / 3.3X3.3X1.25 = 200mA

Part Number	Lighting Color	Description
	OBSOLETE since Q2,06 USE THE HT-F195 SERIES	
<b>HT-F194 serie</b>		Use HT-F195 serie
<b>HT-F195NB</b>	468nm (peak) Blue	
<b>HT-F195NG</b>	527nm (peak) True Green	LF / Top View / 0603 / 1.6x0.8/0.4
<b>HT-F195TW</b>	468nm (peak) Blue + Phosphor (White)	LF / Top View / 0603 / 1.6x0.8/0.4
<b>HT-F195UD</b>	609nm (peak) Ultra Bright Amber	LF / Top View / 0603 / 1.6x0.8/0.4
<b>HT-F195USD</b>	636nm (peak) Ultra Bright Orange	LF / Top View / 0603 / 1.6x0.8/0.4
<b>HT-F195UY</b>	593nm (peak) Ultra Bright Yellow	LF / Top View / 0603 / 1.6x0.8/0.4
<b>HT-F195UYG</b>	574nm (peak) Ultra Bright Yellow Green	LF / Top View / 0603 / 1.6x0.8/0.4
	609 (peak) Ultra Bright Amber	
<b>HT-F196UD</b>	636nm (peak) Ultra Bright Orange	LF/TOP View/1206
<b>HT-F196USD</b>	468nm (peak) Blue	LF/TOP View/1206
<b>HT-F196NB</b>	527nm (peak) True Green	LF/TOP View/1206
<b>HT-F196NG</b>	468nm (peak) Blue +phosphor (white)	LF/TOP View/1206
<b>HT-F196TW</b>		LF/TOP View/1206
	468nm (peak) Blue	
<b>HT-F199NB5</b>	527nm (peak) True Green	Top View / 0603 / 0,25mm height
<b>HT-F199NG5</b>	Pink / Ice Blue / Lemon yellow / BlueGreen UR	Top View / 0603 / 0,25mm height
<b>HT-F199 pastel UR</b>	468nm (peak) Blue + Phosphor	Top View / 0603 / 0,25mm height
<b>HT-F199TW5</b>		Top View / 0603 / 0,25mm height
<b>HT-F199USD5</b>		
<b>HT-F199UYG5</b>		
	468nm (peak) Blue	
<b>HT-S91NB</b>	527nm (peak) True Green	Top View / 0603 / 1.6x0.8x0.6
<b>HT-S91NG</b>	468nm (peak) Blue + Phosphor	Top View / 0603 / 1.6x0.8x0.6
<b>HT-S91TW</b>		Top View / 0603 / 1.6x0.8x0.6
	610nm GaAsP Orange UPON REQUEST	
<b>HT-T158DA</b>	628nm GaAsP red UR	Top View/ 3.0X2.0X1.2mm/ mono color/ 10mA
<b>HT-T158SDA</b>	468nm (peak) Blue + Phosphor	Top View/ 3.0X2.0X1.2mm/ mono color/ 10mA
<b>HT-T158TW</b>	605nm AllnGaP Orange	Top View TubLEDS / 1.3mm height
<b>HT-T158UD</b>	640nm AllnGaP Deep Red	Top View/ 3.0X2.0X1.2mm/ mono color/ 20mA
<b>HT-T158URO</b>	630nm AllnGaP Red	Top View/ 3.0X2.0X1.2mm/ mono color/ 20mA

Part Number	Lighting Color	Description
HT-T158USD	590nm AllnGaN Yellow	Top View/ 3.0X2.0X1.2mm/ mono color/ 20mA
HT-T158UY	575nm AllnGaP Yellow Green	Top View/ 3.0X2.0X1.2mm/ mono color/ 20mA
HT-T158UYG	590nm GaAsP Yellow UR	Top View/ 3.0X2.0X1.2mm/ mono color/ 20mA
HT-T158YA	565nm GaP Yellow Green UR	Top View/ 3.0X2.0X1.2mm/ mono color/ 10mA
HT-T158YGA		Top View/ 3.0X2.0X1.2mm/ mono color/ 10mA
	610nm (peepack) Amber	
HT-T167D	468nm (peak) Blue	PLCC2 / Reverse gullwin
HT-T167NB	527nm (peak) True Green	PLCC2 / Reverse gullwin
HT-T167NG	630nm (peak) Super Bright orange	PLCC2 / Reverse gullwin
HT-T167SD	468nm (peak) Blue + Phosphor	PLCC2 / Reverse gullwin
HT-T167TW	609nm (peak) Ultra Bright Amber	PLCC2 / Reverse gullwin
HT-T167UD	609nm (peak) Ultra Bright Amber	PLCC2 / Reverse gullwin
HT-T167UHD	527nm (peak) True Green	PLCC2 / Reverse gullwin
HT-T167UPG	645nm (peak) Ultra Bright Red	PLCC2 / Reverse gullwin
HT-T167URO	593nm (peak) Ultra Bright Yellow	PLCC2 / Reverse gullwin
HT-T167UY	574nm (peak) Ultra Bright Yellow	PLCC2 / Reverse gullwin
HT-T167UYG	568nm (peak) Yellow Green	PLCC2 / Reverse gullwin
HT-T167YG		PLCC2 / Reverse gullwin
	All AllnGaP	
HT-Tx68	Ingan Blue	PLCC4
HT-Tx68	Ingan White	PLCC4
HT-Tx68	InganTrue Green	PLCC4
HT-Tx68		PLCC4
	610nm (peepack) Amber	
HT-T169DA	468nm (peak) Blue	PLCC2
HT-T169NB	527nm (peak) True Green	PLCC2
HT-T169NG	540nm (peak) Pure Green	PLCC2
HT-T169PG	630nm (peak) Super Bright orange	PLCC2
HT-T169SDA	468nm (peak) Blue + Phosphor	PLCC2
HT-T169TW		PLCC2
HT-T169TWA	609nm (peak) Ultra Bright Amber	
HT-T169UD	527nm (peak) True Green	PLCC2
HT-T169UPG	645nm (peak) Ultra Bright Red	PLCC2

Part Number	Lighting Color	Description
HT-T169URO	645nm (peak) Ultra Bright Red	PLCC2
HT-T169UROF	630nm (peak) Ultra Bright orange Red	PLCC2
HT-T169USD	593nm (peak) Ultra Bright Yellow	PLCC2
HT-T169UY	572nm (peak) Ultra Bright Yellow	PLCC2
HT-T169UYG	568nm (peak) Yellow Green	PLCC2
HT-T169YG	589nm (peak) Yellow	PLCC2
HT-T169Y		PLCC2
HT-T268USD/UYG		
HT-T268SD/YG		
	636nm UB Orange / 527nm Green / 468nm Blue	
HT-T368FCH		Top View / PLCC-4 / RGB
HT-T368FCH ( black face )	468nm (peak) Blue+phosphor (white)	
HT-T368TW	RGB	PLCC4 White
HT-T36CFCH	RGB	Top view
HT-T3A8FCH	468nm (peak) Blue+phosphor (white)	PLCC6 RGB
HT-T3A8TW		PLCC6 WHITE
	White	
HT-U1D8SWH	Blue	Topview
HT-U16DNBH	True Green	
HT-U16DNGH	White	
HT-U16DSWH	Red	
HT-U16DUSDH		
	525nm True Green	
HT-U158NG	470nm Blue	Top View/ 3.0X2.0X1.2mm/ mono color/ 20mA
HT-U158NB	White	Top View/ 3.0X2.0X1.2mm/ mono color/ 20mA
HT-U158TW		Top View/ 3.0X2.0X1.2mm/ mono color/ 20mA
	White	
HT-V108TW		Side view white with 0.8mm height
HT-SV114TW		
HT-V116USD		
HT-V116NB		
HT-V116NG		
HT-V116TW		

Part Number	Lighting Color	Description
HT-V118NB	468nm (peak) Blue	
HT-V118NG	527nm (peak) True Green	LF / Side View / 3.2x1.1x0.8
HT-V118TW	468nm (peak) Blue + Phosphor (white)	LF / Side View / 3.2x1.1x0.8
HT-V150NB	468nm (peak) Blue	
HT-V150NG	527nm (peak) True Green	LF / Top View / 1206
HT-V150TW	468nm (peak) Blue + Phosphor (White)	LF / Top View / 1206
HT-V155NB	468nm (peak) Blue	
HT-V155NG	527nm (peak) True Green	LF / Top View / 1210 / 3.2x2.7x1.1
HT-V155TW	468nm (peak) Blue + Phosphor (White)	LF / Top View / 1210 / 3.2x2.7x1.1
HT-V155UD	609nm (peak) Ultra Bright Amber	LF / Top View / 1210 / 3.2x2.7x1.1
HT-V155USD	636nm (peak) Ultra Bright Orange	LF / Top View / 1210 / 3.2x2.7x1.1
HT-V155UY	593nm (peak) Ultra Bright Yellow	LF / Top View / 1210 / 3.2x2.7x1.1
HT-V155UYG	574nm (peak) Ultra Bright Yellow	LF / Top View / 1210 / 3.2x2.7x1.1
HT-V158NG	525nm True Green	
HT-V158NBG	505nm Cyan	Top View/ 3.0X2.0X0.5mm/ mono color/ 20mA
HT-V158NB	470nm Blue	Top View/ 3.0X2.0X0.5mm/ mono color/ 20mA
HT-V158TW	White	Top View/ 3.0X2.0X0.5mm/ mono color/ 20mA
HT-V159NB	468nm (peak) Blue	
HT-V159NG	527nm (peak) True Green	PLCC2 Low profile
HT-V159TW	468nm (peak) Blue + Phosphor (white)	PLCC2 Low profile
HT-V170NB	468nm (peak) Blue	
HT-V170NG	527nm (peak) True Green	LF / Top View / 0805
HT-V170TW	468nm (peak) Blue + Phosphor (White)	LF / Top View / 0805
HT-V171TWH	468nm (peak) Blue + Phosphor (White)	LF / Top View / 0805
HT-V335 serie	OBSOLETE since Q2,06	LF/Top View/0805/2.0X0.45

Part Number	Lighting Color	Description
HT-V350FCH HT-V350FDH	636nm UB Orange /527nm T.Green/468nm Blue 609nm UB Amber /527nm T. Green/468nm Blue	LF / Top View/1210/3.2x2.7x1.1/ Tri-color LF / Top View/1210/3.2x2.7x1.1/ Tri-color

## Harvaleds

*By Harvatek*

Part Number	Lighting Color	Description
HT-N176TWU	1W 60lm min white	1W HarvaLED / SMD / with lens
HT-N176TWW	2W 87.4lm min white	2W HarvaLED / SMD / with lens
HT-N178TWU	1W 70lm min White ( pure white only )	1W HarvaLED / SMD / without lens
HT-N178TWW	2W 100lm min White ( Pure White only )	1W HarvaLED / SMD / without lens
HT-P178NBH-PFPG-36	Blue (Bins = 2 brightness & 4 colors)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178NGH-PGPJ-25	True Green (Bins = 3 brightness & 4 colors)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178TWH-PMPP-HL	White Warm (Bins = 3 brightness & 4 CCT)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178TWH-PMPP-KL	White Warm (Bins = 3 brightness & 2 CCT)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178TWH-PMPP-DG	White Pure (Bins = 3 brightness & 4 CCT)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178TWH-PMPP-FG	White Pure (Bins = 3 brightness & 2 CCT)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178TWH-PMPP-AC	White Cold (Bins = 3 brightness & 3 CCT)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178TWH-PMPP-BC	White Cold (Bins = 3 brightness & 2 CCT)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178USDJ-PGPJ-13	Red (bins = 3 brightness & 3 colors)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178UYJ-PGPJ-35	Yellow (bins = 3 brightness & 3 colors)	0,5 Watt HarvaLED / SMD / without lens / ±55°
HT-P178NBU-PHPK-36	Blue (Bins = 3 brightness & 4 colors)	1 Watt HarvaLED / SMD / without lens / ±55°
HT-P178NBU-PJPK-45	Blue (Bins = 2 brightness & 2 colors)	1 Watt HarvaLED / SMD / without lens / ±55°
HT-P178NGU-PNPQ-25	True Green (Bins = 3 brightness & 4 colors)	1 Watt HarvaLED / SMD / without lens / ±55°
HT-P178NGU-PPPQ-34	True Green (Bins = 2 brightness & 2 colors)	1 Watt HarvaLED / SMD / without lens / ±55°
HT-P178TWU-PQPR-HL	White Warm (Bins = 2 brightness & 4 CCT)	1 Watt HarvaLED / SMD / without lens / ±55°
HT-P178TWU-PQPR-KL	White Warm (Bins = 2 brightness & 2 CCT)	1 Watt HarvaLED / SMD / without lens / ±55°
HT-P178TWU-PQPS-DG	White Pure (Bins = 3 brightness & 4 CCT)	1 Watt HarvaLED / SMD / without lens / ±55°

Part Number	Lighting Color	Description
HT-P178TWU-PQPR-FG	White Pure (Bins = 2 brightness & 2 CCT)	1 Watt Harvaled / SMD / without lens / ±55°
HT-P178TWU-PRPS-DG	White Pure (Bins = 2 brightness & 4 CCT)	1 Watt Harvaled / SMD / without lens / ±55°
HT-P178TWU-PQPS-AC	White Cold (Bins = 3 brightness & 3 CCT)	1 Watt Harvaled / SMD / without lens / ±55°
HT-P178TWU-PQPR-BC	White Cold (Bins = 2 brightness & 2 CCT)	1 Watt Harvaled / SMD / without lens / ±55°
HT-P178TWU-PRPS-AC	White Cold (Bins = 2 brightness & 3 CCT)	1 Watt Harvaled / SMD / without lens / ±55°
HT-P178USDT-PMPN-13	Red (bins = 2 brightness & 3 colors)	1 Watt Harvaled / SMD / without lens / ±55°
HT-P178USDT-PMPN-23	Red (bins = 2 brightness & 2 colors)	1 Watt Harvaled / SMD / without lens / ±55°
HT-P178UYT-PMPN-35	Yellow (bins = 2 brightness & 3 colors)	1 Watt Harvaled / SMD / without lens / ±55°
HT-P178UYT-PMPN-34	Yellow (bins = 2 brightness & 2 colors)	1 Watt Harvaled / SMD / without lens / ±55°
HT-P278NBV-PLPM-36	Blue (Bins = 2 brightness & 4 colors)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278NBV-PLPM-45	Blue (Bins = 2 brightness & 2 colors)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278NGV-PRPS-25	True Green (Bins = 2 brightness & 4 colors)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278NGV-PRPS-34	True Green (Bins = 2 brightness & 2 colors)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278TWV-PSPT-HL	White Warm (Bins = 2 brightness & 4 CCT)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278TWV-PSPT-KL	White Warm (Bins = 2 brightness & 2 CCT)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278TWV-PSPT-DG	White Pure (Bins = 2 brightness & 4 CCT)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278TWV-PSPT-FG	White Pure (Bins = 2 brightness & 2 CCT)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278TWV-PSPT-AC	White Cold (Bins = 2 brightness & 3 CCT)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278TWV-PSPT-BC	White Cold (Bins = 2 brightness & 2 CCT)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278USDS-PQPR-13	Red (bins = 2 brightness & 3 colors)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278USDS-PQPR-23	Red (bins = 2 brightness & 2 colors)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278UYS-PPPR-35	Yellow (bins = 3 brightness & 3 colors)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P278UYS-PPPQ-24	Yellow (bins = 2 brightness & 2 colors)	2,5 Watt Harvaled / SMD / without lens / ±55°
HT-P318FCHU	Red/Green/Blue	3 Watt Harvaled / SMD / without lens / ±55°
HT-P378NBW-PLPN-36	Blue (Bins = 3 brightness & 4 colors)	3,5 Watt Harvaled / SMD / without lens / ±55°
HT-P378NBW-PMPN-45	Blue (Bins = 2 brightness & 2 colors)	3,5 Watt Harvaled / SMD / without lens / ±55°
HT-P378NGW-PSPT-35	True Green (Bins = 2 brightness & 4 colors)	3,5 Watt Harvaled / SMD / without lens / ±55°
HT-P378NGW-PSPT-45	True Green (Bins = 2 brightness & 2 colors)	3,5 Watt Harvaled / SMD / without lens / ±55°
HT-P378TWW-PUPV-HL	White Warm (Bins = 2 brightness & 4 CCT)	3,5 Watt Harvaled / SMD / without lens / ±55°
HT-P378TWW-PUPV-KL	White Warm (Bins = 2 brightness & 2 CCT)	3,5 Watt Harvaled / SMD / without lens / ±55°
HT-P378TWW-PUPV-DG	White Pure (Bins = 2 brightness & 4 CCT)	3,5 Watt Harvaled / SMD / without lens / ±55°
HT-P378TWW-PUPV-FG	White Pure (Bins = 2 brightness & 2 CCT)	3,5 Watt Harvaled / SMD / without lens / ±55°
HT-P378TWW-PUPV-AC	White Cold (Bins = 2 brightness & 3 CCT)	3,5 Watt Harvaled / SMD / without lens / ±55°
HT-P378TWW-PuPv-BC	White Cold (Bins = 2 brightness & 2 CCT)	3,5 Watt Harvaled / SMD / without lens / ±55°

Part Number	Lighting Color	Description
HT-P378USDY-PRPS-13	Red (bins = 2 brightness & 3 colors)	3,5 Watt Harvaled / SMD / without lens / $\pm 55^\circ$
HT-P378USDY-PRPS-23	Red (bins = 2 brightness & 2 colors)	3,5 Watt Harvaled / SMD / without lens / $\pm 55^\circ$
HT-P378UYY-PRPS-35	Yellow (bins = 2 brightness & 3 colors)	3,5 Watt Harvaled / SMD / without lens / $\pm 55^\circ$
HT-P378UYY-PRPS-45	Yellow (bins = 2 brightness & 2 colors)	3,5 Watt Harvaled / SMD / without lens / $\pm 55^\circ$
HT-P378TWW-PuPv-BC		
HT-P378USDY-PRPS-13	Red (bins = 2 brightness & 3 colors)	3,5 Watt Harvaled / SMD / without lens / $\pm 55^\circ$
HT-P378USDY-PRPS-23	Red (bins = 2 brightness & 2 colors)	3,5 Watt Harvaled / SMD / without lens / $\pm 55^\circ$
HT-P378UYY-PRPS-35	Yellow (bins = 2 brightness & 3 colors)	3,5 Watt Harvaled / SMD / without lens / $\pm 55^\circ$
HT-P378UYY-PRPS-45	Yellow (bins = 2 brightness & 2 colors)	3,5 Watt Harvaled / SMD / without lens / $\pm 55^\circ$
HT-P378FCHU	Red/Green/Blue	3 Watt Harvaled / SMD / without lens / $\pm 55^\circ$
HT-P318FCHU	Red/Green/Blue	3 Watt Harvaled / SMD / without lens / $\pm 55^\circ$

## Mr-16 Light Bars

By Harvatek

Part Number	Lighting Color	Description
HT-070GUSD		161mm COB light bar with 27 chips in AllnGaP Red color
HT-070GUY		161mm COB light bar with 27 chips in AllnGaP Yellow color
HT-070GNG		161mm COB light bar with 27 chips in InGan True Green color
HT-070GNB		161mm COB light bar with 27 chips in InGan Blue color
HT-070GTW		161mm COB light bar with 27 chips in InGan White color
12VDC-L320-WA60-BW27	Warm white	warm white 2700K 32cm light bar
12VDC-L320-WH60-BW50	5000K pure white	White 5000K 32CM light bar
12VDC-L320-WH60-BW65	6500K pure white	White 6500K 32CM light bar
12VDC-L320-BL60-BW00	470nm Blue	Blue 32Cm light bar
12VDC-L620-WA120-BW27	Warm white	warm white 2700K 62cm light bar
12VDC-L620-WH120-BW50	5000K pure white	White 5000K 62CM light bar
12VDC-L620-WH120-BW65	6500K pure white	White 6500K 62CM light bar
12VDC-L620-BL120-BW00	470nm Blue	Blue 62Cm light bar

Part Number	Lighting Color	Description
<b>12VDC-L740-WA144-BW27</b>	Warm white	warm white 2700K 74cm light bar
<b>12VDC-L740-WH144-BW50</b>	5000K pure white	White 5000K 74CM light bar
<b>12VDC-L740-WH144-BW65</b>	6500K pure white	White 6500K 74CM light bar
<b>12VDC-L740-BL144-BW00</b>	470nm Blue	Blue 74Cm light bar
<b>12VDC-1220-WA240-BW27</b>	Warm white	warm white 2700K 122cm light bar
<b>12VDC-1220-WH240-BW50</b>	5000K pure white	White 5000K 122CM light bar
<b>12VDC-1220-WH240-BW65</b>	6500K pure white	White 6500K 122CM light bar
<b>12VDC-1220-BL240-BW00</b>	470nm Blue	Blue 122Cm light bar
<b>HTGU10NTWV-G4(X)EL</b>		Type G - GU10 LED Lamp / 2.5W / 50mm dia
<b>HT-LB1131USDT</b>	636nm (peak) Red ( 28x28 mil chips)	Light Bar 3 Harvaled / 100mm X 20mm / 8.4V / 300mA / 54lm
<b>HT-LB1131UYT</b>	600nm (peak) Amber ( 28x28 mil chips)	Light Bar 3 Harvaled / 100mm X 20mm / 8.4V / 300mA / 54lm
<b>HT-LB1131NGU</b>	522nm (peak) Green ( 40x40 mil chips)	Light Bar 3 Harvaled / 100mm X 20mm / 12V / 350mA / 75lm
<b>HT-LB1131NBU</b>	470nm (peak) Blue ( 40x40 mil chips)	Light Bar 3 Harvaled / 100mm X 20mm / 12V / 350mA / 24lm
<b>HT-LB1131TWU</b>	White ( 40x40mil chips)	Light Bar 3 Harvaled / 100mm X 20mm / 12V / 350mA / 90lm
<b>HT-LB2141USDT</b>	636nm (peak) Red ( 28x28 mil chips)	Light Bar 4 Harvaled / 200mm X 20mm / 11.2V / 300mA / 72lm
<b>HT-LB2141UYT</b>	600nm (peak) Amber ( 28x28 mil chips)	Light Bar 4 Harvaled / 200mm X 20mm / 11.2V / 300mA / 72lm
<b>HT-LB2141NGU</b>	522nm (peak) Green ( 40x40 mil chips)	Light Bar 4 Harvaled / 200mm X 20mm / 16V /350mA / 100lm
<b>HT-LB2141NBU</b>	470nm (peak) Blue ( 40x40 mil chips)	Light Bar 4 Harvaled / 200mm X 20mm / 16V /350mA / 32lm
<b>HT-LB2141TWU</b>	White ( 40x40mil chips)	Light Bar 4 Harvaled / 200mm X 20mm / 16V /350mA / 120lm
<b>HT-LB3233USDY</b>	636nm (peak) Red ( 28x28 mil chips)	Light Bar 9 Harvaled / 290mm X 35mm / 8.4V / 900mA / 162lm
<b>HT-LB3233UYY</b>	600nm (peak) Amber ( 28x28 mil chips)	Light Bar 9 Harvaled / 290mm X 35mm / 8.4V / 900mA / 162lm
<b>HT-LB3233NGW</b>	522nm (peak) Green ( 40x40 mil chips)	Light Bar 9 Harvaled / 290mm X 35mm / 16V / 1050mA / 225lm
<b>HT-LB3233NBW</b>	470nm (peak) Blue ( 40x40 mil chips)	Light Bar 9 Harvaled / 290mm X 35mm / 16V / 1050mA / 72lm
<b>HT-LB3233TWW</b>	White ( 40x40mil chips)	Light Bar 9 Harvaled / 290mm X 35mm / 16V / 1050mA / 270lm
<b>HT-LB3262USDS</b>	636nm (peak) Red ( 28x28 mil chips)	Light Bar 12 Harvaled / 290mm X 35mm / 16.8V / 600mA /216lm
<b>HT-LB3262UYS</b>	600nm (peak) Amber ( 28x28 mil chips)	Light Bar 12 Harvaled / 290mm X 35mm / 16.8V / 600mA /216lm
<b>HT-LB3262NGV</b>	522nm (peak) Green ( 40x40 mil chips)	Light Bar 12 Harvaled / 290mm X 35mm / 24V / 700mA / 300lm
<b>HT-LB3262NBV</b>	470nm (peak) Blue ( 40x40 mil chips)	Light Bar 12 Harvaled / 290mm X 35mm / 24V / 700mA / 96lm
<b>HT-LB3262TWW</b>	White ( 40x40mil chips)	Light Bar 12 Harvaled / 290mm X 35mm / 24V / 700mA / 360lm
<b>HT-LB3432USDS</b>	636nm (peak) Red ( 28x28 mil chips)	Light Bar 6 Harvaled / 290mm X 40mm / 8.4V / 600mA /108lm
<b>HT-LB3432UYS</b>	600nm (peak) Amber ( 28x28 mil chips)	Light Bar 6 Harvaled / 290mm X 40mm / 8.4V / 600mA /108lm
<b>HT-LB3432NGV</b>	522nm (peak) Green ( 40x40 mil chips)	Light Bar 6 Harvaled / 290mm X 40mm / 12V / 700mA /150lm
<b>HT-LB3432NBV</b>	470nm (peak) Blue ( 40x40 mil chips)	Light Bar 6 Harvaled / 290mm X 40mm / 12V / 700mA / 48lm
<b>HT-LB3432TWW</b>	White ( 40x40mil chips)	Light Bar 6 Harvaled / 290mm X 40mm / 12V / 700mA / 180lm

Part Number	Lighting Color	Description
HT-LB4431USDT	636nm (peak) Red ( 28x28 mil chips)	Light Bar 3 Harvaled / 140mm X 40mm / 8.4V / 300mA / 54lm
HT-LB4431UYT	600nm (peak) Amber ( 28x28 mil chips)	Light Bar 3 Harvaled / 140mm X 40mm / 8.4V / 300mA / 54lm
HT-LB4431NGU	522nm (peak) Green ( 40x40 mil chips)	Light Bar 3 Harvaled / 140mm X 40mm / 12V / 350mA / 75lm
HT-LB4431NBU	470nm (peak) Blue ( 40x40 mil chips)	Light Bar 3 Harvaled / 140mm X 40mm / 12V / 350mA / 24lm
HT-LB4431TWU	White ( 40x40mil chips)	Light Bar 3 Harvaled / 140mm X 40mm / 12V / 350mA / 90lm
HT-LB2331USD	636nm (peak) Red ( 28x28 mil chips)	Light Bar 3 Harvaled / 200mm X 15mm / 12V with driver
HT-LB2331UY	600nm (peak) Amber ( 28x28 mil chips)	Light Bar 3 Harvaled / 200mm X 15mm / 12V with driver
HT-LB2331NG	522nm (peak) Green ( 40x40 mil chips)	Light Bar 3 Harvaled / 200mm X 15mm / 12V with driver
HT-LB2331NB	470nm (peak) Blue ( 40x40 mil chips)	Light Bar 3 Harvaled / 200mm X 15mm / 12V with driver
HT-LB2331TW	White ( 40x40mil chips)	Light Bar 3 Harvaled / 200mm X 15mm / 12V with driver
LE-DMX15FV1		SPOT LIGHT
LE-DMX30FV1		SPOT LIGHT
LE-IIC15FV1		SPOT LIGHT
LE-IIC30FV1		SPOT LIGHT
LC-DMX15FV1		SPOT LIGHT
LC-DMX30FV1		SPOT LIGHT
LC-IIC15FV1		SPOT LIGHT
LC-IIC30FV1		SPOT LIGHT
HT-Lens-6/15/30		Optical Lens 6° 15° 30°
HT-MBPXXX		Heat Sink
Mercury		SPOT LIGHT
HT-MR16NBV-B1	468nm (peak) Blue	MR16 LED lamp / 2.5 W ( 6 degree viewing angle )
HT-MR16NGV-B1	527nm (peak) True Green	MR16 LED lamp / 2.5 W ( 6 degree viewing angle )
HT-MR16TWV-B1	468nm (peak) Blue + Phosphor (White)	MR16 LED lamp / 2.5 W ( 6 degree viewing angle )
HTMR16NTWU-B1(X)EL		Type B - MR16 LED lamp / 1.0W / 50mm dia / super bright chip
HTMR16NTWV-B1(X)EL		Type B - MR16 LED lamp / 2.5W / 50mm dia / super bright chip
HT-MR16USDU-B1	636nm (peak) Red ( 28x28 mil chips) - 6 degree viewing angle	Type B - MR16 LED lamp / 1.0W / 50mm dia / 46,9mm ht ( )
HT-MR16UYU-B1	600nm (peak) Amber ( 28x28 mil chips) - 6 degree viewing angle	Type B - MR16 LED lamp / 1.0W / 50mm dia / 46,9mm h
HT-MR16NGU-B1	522nm (peak) Green ( 40x40 mil chips) - 6 degree viewing angle	Type B - MR16 LED lamp / 1.0W / 50mm dia / 46,9mm ht
HT-MR16NBU-B1	470nm (peak) Blue ( 40x40 mil chips) - 6 degree viewing angle	Type B - MR16 LED lamp / 1.0W / 50mm dia / 46,9mm h
HT-MR16TWU-B1	white - 6 degree viewing angle	Type B - MR16 LED lamp / 1.0W / 50mm dia / 46,9mm ht
HT-MR16VPU-B1	Pink - 6 degree viewing angle	Type B - MR16 LED lamp / 1.0W / 50mm dia / 46,9mm ht
HT-MR16USDU-C2	636nm (peak) Red ( 28x28 mil chips)	Type C - MR16 LED lamp / 1.5W / 50mm dia
HT-MR16UYU-C2	600nm (peak) Amber ( 28x28 mil chips)	Type C - MR16 LED lamp / 1.5W / 50mm dia

Part Number	Lighting Color	Description
HT-MR16NGU-C2	522nm (peak) Green ( 40x40 mil chips)	Type C - MR16 LED lamp / 1.5W / 50mm dia
HT-MR16NBU-C2	470nm (peak) Blue ( 40x40 mil chips)	Type C - MR16 LED lamp / 1.5W / 50mm dia
HT-MR16TWU-C2	white	Type C - MR16 LED lamp / 1.5W / 50mm dia
HT-MR16VPU-C2	Pink	Type C - MR16 LED lamp / 1.5W / 50mm dia
Round12_RGB		RINGS with 1W HarvaLEDS
Round_7USD		RINGS with 1W HarvaLEDS
Round_7UY		RINGS with 1W HarvaLEDS
Round_7NG		RINGS with 1W HarvaLEDS
Round_7NB		RINGS with 1W HarvaLEDS
Round_7TW		RINGS with 1W HarvaLEDS
Ring_1USD		RINGS with 1W HarvaLEDS
Ring_1UY		RINGS with 1W HarvaLEDS
Ring_1NG		RINGS with 1W HarvaLEDS
Ringd_1NB		RINGS with 1W HarvaLEDS
Ring_1TW		RINGS with 1W HarvaLEDS

## Lamps

*By Harvatek*

Part Number	Lighting Color	Material
HOVL4A40	610nm, Amber	AlinGaP
HOVL4B40	468nm, Blue	InGaN
HOVL4E40	620nm, Reddish Orange	AlinGaP
HOVL4R40	632nm, Hyper Red	AlinGaP
HOVL4SR40	639nm, Super Red	AlinGaP
HOVL4TG40	518nm, True Green	InGaN
HOVL4Y40	590nm, Yellow	AlinGaP
HOVL5A40	610nm, Amber	AlinGaP
HOVL5A50	610nm, Amber	AlinGaP

Part Number	Lighting Color	Material
HOVL5B40	468nm, Blue	InGaN
HOVL5B50	468nm, Blue	InGaN
HOVL5E40	620nm, Reddish Orange	AlinGaP
HOVL5E50	620nm, Reddish Orange	AlinGaP
HOVL5R40	632nm, Hyper Red	AlinGaP
HOVL5R50	632nm, Hyper Red	AlinGaP
HOVL5SR40	639nm, Super Red	AlinGaP
HOVL5SR50	639nm, Super Red	AlinGaP
HOVL5TG40	518nm, True Green	InGaN
HOVL5TG50	518nm, True Green	InGaN
HOVL5UR40	642nm, Ultrabright Red	AlinGaP
HOVL5UR50	642nm, Ultrabright Red	AlinGaP
HOVL5Y40	590nm, Yellow	AlinGaP
HOVL5Y50	590nm, Yellow	AlinGaP
HV1060	Red	Standard tech
HV1085	Red	Standard tech
HV1360	Orange	Standard tech
HV1385	Orange	Standard tech
HV1440	Yellow	Standard tech
HV1485	Yellow	Standard tech
HV1540	Yellow Green	Standard tech
HV1585	Yellow Green	Standard tech
HV202GC	Yellow Green	Standard tech
HV202H	Red	Standard tech
HV202HC	Red	Standard tech
HV202O	Orange	Standard tech
HV202OC	Orange	Standard tech
HV202Y	Yellow	Standard tech
HV202YC	Yellow	Standard tech
HV202YG	Yellow Green	Standard tech
HV203GC	Yellow Green	Standard tech
HV203H	Red	Standard tech
HV203HC	Red	Standard tech

Part Number	Lighting Color	Material
HV203O	Orange	Standard tech
HV203OC	Orange	Standard tech
HV203Y	Yellow	Standard tech
HV203YC	Yellow	Standard tech
HV203YG	Yellow Green	Standard tech
HV5336	yellow/orange	Standard tech
HV5396	yellow/orange	Standard tech
HV5431	green/red	Standard tech
HV5433	green/yellow	Standard tech
HV5436	green/orange	Standard tech
HV5491	green/red	Standard tech
HV5493	green/yellow	Standard tech
HV5496	yellow/orange	Standard tech
HV6336	Yellow/Orange	Standard tech
HV6366	Yellow/Orange	Standard tech
HV6433	Green/Yellow	Standard tech
HV6436	Green/Orange	Standard tech
HV6463	Green/Yellow	Standard tech
HV6466	Green/Orange	Standard tech
HV7336	Yellow/Orange	Standard tech
HV7376	Yellow/Orange	Standard tech
HV7431	Green/Red	Standard tech
HV7433	Green/Yellow	Standard tech
HV7436	Green/Orange	Standard tech
HV7471	Green/Red	Standard tech
HV7473	Green/Yellow	Standard tech
HV7476	Green/Orange	Standard tech
HV7A20	605nm Amber	AlinGaP
HV7A40	605nm Amber	AlinGaP
HV7B20	468nm Blue	InGaN
HV7B40	468nm Blue	InGaN
HV7BG20	502nm Bluish Green	InGaN
HV7BG40	502nm Bluish Green	InGaN

Part Number	Lighting Color	Material
HV7E20	620nm Reddish Orange	AlinGaP
HV7E40	620nm Reddish Orange	AlinGaP
HV7R20	635nm Hyper Red	AlinGaP
HV7R40	635nmHyper Red	AlinGaP
HV7SR20	639nm Super Red	AlinGaP
HV7SR40	639nm Super Red	AlinGaP
HV7TG20	518nm True Green	InGaN
HV7TG40	518nm True Green	InGaN
HV7UR40	642nm Ultrabright Red	AlinGaP
HV7W20	468nm Blue + Phosphor (White)	InGaN
HV7W40	468nm Blue + Phosphor (White)	InGaN
HV7Y20	590nm Yellow	AlinGaP
HV7Y40	590nm Yellow	AlinGaP
HV7YG40	573nm Yellow Green	AlinGaP
HV8A10	610nm, Amber	AlinGaP
HV8A20	610nm, Amber	AlinGaP
HV8A20F	610nm, Amber	AlinGaP
HV8B10	468nm Blue	InGaN
HV8B20	468nm Blue	InGaN
HV8B20F	468nm Blue	InGaN
HV8BG10	502nm, Bluish Green	InGaN
HV8BG20	502nm, Bluish Green	InGaN
HV8BG20F	502nm, Bluish Green	InGaN
HV8E10	620nm, Reddish Orange	AlinGaP
HV8E20	620nm, Reddish Orange	AlinGaP
HV8E20F	620nm, Reddish Orange	AlinGaP
HV8O20F	598nm, Orange Yellow	AlinGaP
HV8R10	632nm, Hyper Red	AlinGaP
HV8R20	632nm, Hyper Red	AlinGaP
HV8R20F	632nm, Hyper Red	AlinGaP
HV8SR10	639nm, Super Red	AlinGaP
HV8SR20	639nm, Super Red	AlinGaP
HV8SR20F	639nm, Super Red	AlinGaP

Part Number	Lighting Color	Material
HV8TG10	518nm, True Green	InGaN
HV8TG20	518nm, True Green	InGaN
HV8TG20F	518nm, True Green	InGaN
HV8UR20F	642nm, Ultrabright Red	AlInGaP
HV8W10	468nm Blue + Phosphor (White)	InGaN
HV8W20	468nm Blue + Phosphor (White)	InGaN
HV8W50	468nm Blue + Phosphor (White)	InGaN
HV8Y10	590nm, Yellow	AlInGaP
HV8Y20	590nm, Yellow	AlInGaP
HV8Y20F	590nm, Yellow	AlInGaP
HVH3050	Red	Standard tech
HVH3050F	Red	Standard tech
HVH3301	Orange	Standard tech
HVH3301F	Orange	Standard tech
HVH3350	Yellow	Standard tech
HVH3350F	Yellow	Standard tech
HVH3450	Yellow Green	Standard tech
HVH3450F	Yellow Green	Standard tech
HVH3750	Orange	Standard tech
HVH3750F	Orange	Standard tech
HVH6050F	Red	Standard tech
HVH6053	Red	Standard tech
HVH6353	Yellow	Standard tech
HVH63531	Yellow Green	Standard tech
HVH63531F	Yellow Green	Standard tech
HVH6353F	Yellow	Standard tech
HVK103	AlGaAs Red	Standard tech
HVK105	AlGaAs Red	Standard tech
HVR0001	Red	Standard tech
HVR0301	Orange	Standard tech
HVR0401	Yellow	Standard tech
HVR0504	Yellow Green	Standard tech
HVR53123	Yellow	Standard tech

Part Number	Lighting Color	Material
HVR5336RA	Yellow	Standard tech
HVR54123	Yellow Green	Standard tech
HVR5431RA	Green	Standard tech
HVR5433RA	Green	Standard tech
HVR5436RA	Green	Standard tech
HVR57123	Orange	Standard tech
HVR5H123	Red	Standard tech

## Displays

*By Harvatek*

Part Number	Description
HNQC2111C	0.28", 4 digit, multiplex, CA, red, 550ucd, 14-pin, clock display
HNQC2112C	0.28", 4 digit, multiplex, CA, red, 550ucd, 12-pin, clock display
HNQC2141C	0.28", 4 digit, multiplex, CC, red, 550ucd, 14-pin, clock display
HNQC2142C	0.28", 4 digit, multiplex, CC, red, 550ucd, 12-pin, clock display
HNQC2211C	0.28", 4 digit, multiplex, CA, super red, 5000ucd, 14-pin, clock display
HNQC2212C	0.28", 4 digit, multiplex, CA, super red, 5000ucd, 12-pin, clock display
HNQC2241C	0.28", 4 digit, multiplex, CC, super red, 5000ucd, 14-pin, clock display
HNQC2242C	0.28", 4 digit, multiplex, CC, super red, 5000ucd, 12-pin, clock display
HNQC2311C	0.28", 4 digit, multiplex, CA, yellow, 1500ucd, 14-pin, clock display
HNQC2312C	0.28", 4 digit, multiplex, CA, yellow, 1500ucd, 12-pin, clock display
HNQC2341C	0.28", 4 digit, multiplex, CC, yellow, 1500ucd, 14-pin, clock display
HNQC2342C	0.28", 4 digit, multiplex, CC, yellow, 1500ucd, 12-pin, clock display
HNQC2411C	0.28", 4 digit, multiplex, CA, green, 1600ucd, 14-pin, clock display
HNQC2412C	0.28", 4 digit, multiplex, CA, green, 1600ucd, 12-pin, clock display
HNQC2441C	0.28", 4 digit, multiplex, CC, green, 1600ucd, 14-pin, clock display
HNQC2442C	0.28", 4 digit, multiplex, CC, green, 1600ucd, 12-pin, clock display

Part Number	Description
HNQC2911C	0.28", 4 digit, multiplex, CA, HER, 1800ucd, 14-pin, clock display
HNQC2912C	0.28", 4 digit, multiplex, CA, HER, 1800ucd, 12-pin, clock display
HNQC2941C	0.28", 4 digit, multiplex, CC, HER, 1800ucd, 14-pin, clock display
HNQC2942C	0.28", 4 digit, multiplex, CC, HER, 1800ucd, 12-pin, clock display
HNQC4110C	0.40", 4-digit, multiplex, CA, red, 550ucd, 12-pin, no colon, clock display
HNQC4111C	0.39", 4-digit, multiplex, CA, red, 550ucd, 16-pin, clock display
HNQC4140C	0.40", 4-digit, multiplex, CC, red, 550ucd, 12-pin, no colon, clock display
HNQC4141C	0.39", 4-digit, multiplex, CC, red, 550ucd, 16-pin, clock display
HNQC4210C	0.40", 4-digit, multiplex, CA, super red, 8000ucd, 12-pin, no colon, clock display
HNQC4211C	0.39", 4-digit, multiplex, CA, super red, 8000ucd, 16-pin, clock display
HNQC4240C	0.40", 4-digit, multiplex, CC, super red, 8000ucd, 12-pin, no colon, clock display
HNQC4241C	0.39", 4-digit, multiplex, CC, super red, 8000ucd, 16-pin, clock display
HNQC4310C	0.40", 4-digit, multiplex, CA, yellow, 1500ucd, 12-pin, no colon, clock display
HNQC4311C	0.39", 4-digit, multiplex, CA, yellow, 1500ucd, 16-pin, clock display
HNQC4340C	0.40", 4-digit, multiplex, CC, yellow, 1500ucd, 12-pin, no colon, clock display
HNQC4341C	0.39", 4-digit, multiplex, CC, yellow, 1500ucd, 16-pin, clock display
HNQC4410C	0.40", 4-digit, multiplex, CA, green, 1600ucd, 12-pin, no colon, clock display
HNQC4411C	0.39", 4-digit, multiplex, CA, green, 1600ucd, 16-pin, clock display
HNQC4440C	0.40", 4-digit, multiplex, CC, green, 1600ucd, 12-pin, no colon, clock display
HNQC4441C	0.39", 4-digit, multiplex, CC, green, 1600ucd, 16-pin, clock display
HNQC4910C	0.40", 4-digit, multiplex, CA, HER, 1800ucd, 12-pin, no colon, clock display
HNQC4911C	0.39", 4-digit, multiplex, CA, HER, 1800ucd, 16-pin, clock display
HNQC4940C	0.40", 4-digit, multiplex, CC, HER, 1800ucd, 12-pin, no colon, clock display
HNQC4941C	0.39", 4-digit, multiplex, CC, HER, 1800ucd, 16-pin, clock display
HNQC6111C	0.56", 4-digit, multiplex, CA, red, 700ucd, 12-pin, 7-segment display
HNQC6141C	0.56", 4-digit, multiplex, CC, red, 700ucd, 12-pin, 7-segment display
HNQC6211C	0.56", 4-digit, multiplex, CA, super red, 21000ucd, 12-pin, 7-segment display
HNQC6241C	0.56", 4-digit, multiplex, CC, super red, 21000ucd, 12-pin, 7-segment display
HNQC6311C	0.56", 4-digit, multiplex, CA, yellow, 1600ucd, 12-pin, 7-segment display
HNQC6341C	0.56", 4-digit, multiplex, CC, yellow, 1600ucd, 12-pin, 7-segment display
HNQC6411C	0.56", 4-digit, multiplex, CA, green, 2000ucd, 12-pin, 7-segment display
HNQC6441C	0.56", 4-digit, multiplex, CC, green, 2000ucd, 12-pin, 7-segment display
HNQC6911C	0.56", 4-digit, multiplex, CA, HER, 2000ucd, 12-pin, 7-segment display

Part Number	Description
HNQC6941C	0.56", 4-digit, multiplex, CC, HER, 2000ucd, 12-pin, 7-segment display
HNQCV6111C	0.56", 4-digit, multiplex, CA, red, 700ucd, 12-pin, right angle, 7-segment display
HNQCV6141C	0.56", 4-digit, multiplex, CC, red, 700ucd, 12-pin, right angle, 7-segment display
HNQCV6211C	0.56", 4-digit, multiplex, CA, super red, 21000ucd, 12-pin, right angle, 7-segment
HNQCV6241C	0.56", 4-digit, multiplex, CC, super red, 21000ucd, 12-pin, right angle, 7-segment
HNQCV6311C	0.56", 4-digit, multiplex, CA, yellow, 1600ucd, 12-pin, right angle, 7-segment
HNQCV6341C	0.56", 4-digit, multiplex, CC, yellow, 1600ucd, 12-pin, right angle, 7-segment
HNQCV6411C	0.56", 4-digit, multiplex, CA, green, 2000ucd, 12-pin, right angle, 7-segment
HNQCV6441C	0.56", 4-digit, multiplex, CC, green, 2000ucd, 12-pin, right angle, 7-segment
HNQCV6911C	0.56", 4-digit, multiplex, CA, HER, 2000ucd, 12-pin, right angle, 7-segment
HNQCV6941C	0.56", 4-digit, multiplex, CC, HER, 2000ucd, 12-pin, right angle, 7-segment
HNT4110C	0.4", 3-digit, direct drive, CA, red, 550ucd, 7-segment display
HNT4111C	0.4", 3-digit, multiplex, CA, red, 550ucd, 12-pin, 7-segment display
HNT4112C	0.4", 3-digit, multiplex, CA, red, 550ucd, 10-pin, 7-segment display
HNT4140C	0.4", 3-digit, direct drive, CC, red, 550ucd, 7-segment display
HNT4141C	0.4", 3-digit, multiplex, CC, red, 550ucd, 12-pin, 7-segment display
HNT4142C	0.4", 3-digit, multiplex, CC, red, 550ucd, 10-pin, 7-segment display
HNT4210C	0.4", 3-digit, direct drive, CA, super red, 21000ucd, 7-segment display
HNT4211C	0.4", 3-digit, multiplex, CA, super red, 21000ucd, 12-pin, 7-segment display
HNT4212C	0.4", 3-digit, multiplex, CA, super red, 21000ucd, 10-pin, 7-segment display
HNT4240C	0.4", 3-digit, direct drive, CC, super red, 21000ucd, 7-segment display
HNT4241C	0.4", 3-digit, multiplex, CC, super red, 21000ucd, 12-pin, 7-segment display
HNT4242C	0.4", 3-digit, multiplex, CC, super red, 21000ucd, 10-pin, 7-segment display
HNT4310C	0.4", 3-digit, direct drive, CA, yellow, 1500ucd, 7-segment display
HNT4311C	0.4", 3-digit, multiplex, CA, yellow, 1500ucd, 12-pin, 7-segment display
HNT4312C	0.4", 3-digit, multiplex, CA, yellow, 1500ucd, 10-pin, 7-segment display
HNT4340C	0.4", 3-digit, direct drive, CC, yellow, 1500ucd, 7-segment display
HNT4341C	0.4", 3-digit, multiplex, CC, yellow, 1500ucd, 12-pin, 7-segment display
HNT4342C	0.4", 3-digit, multiplex, CC, yellow, 1500ucd, 10-pin, 7-segment display
HNT4410C	0.4", 3-digit, direct drive, CA, green, 1600ucd, 7-segment display
HNT4411C	0.4", 3-digit, multiplex, CA, green, 1600ucd, 12-pin, 7-segment display
HNT4412C	0.4", 3-digit, multiplex, CA, green, 1600ucd, 10-pin, 7-segment display
HNT4440C	0.4", 3-digit, direct drive, CC, green, 1600ucd, 7-segment display

Part Number	Description
HNT4441C	0.4", 3-digit, multiplex, CC, green, 1600ucd, 12-pin, 7-segment display
HNT4442C	0.4", 3-digit, multiplex, CC, green, 1600ucd, 10-pin, 7-segment display
HNT4710C	0.4", 3-digit, direct drive, CA, HER, 1800ucd, 7-segment display
HNT4711C	0.4", 3-digit, multiplex, CA, HER, 1800ucd, 12-pin, 7-segment display
HNT4712C	0.4", 3-digit, multiplex, CA, HER, 1800ucd, 10-pin, 7-segment display
HNT4740C	0.4", 3-digit, direct drive, CC, HER, 1800ucd, 7-segment display
HNT4741C	0.4", 3-digit, multiplex, CC, HER, 1800ucd, 12-pin, 7-segment display
HNT4742C	0.4", 3-digit, multiplex, CC, HER, 1800ucd, 10-pin, 7-segment display
HNTS3111C	0.30", 3-digit, multiplex, CA, red, 550ucd, 7-segment display
HNTS3112C	0.36", 3-digit, multiplex, CA, red, 550ucd, 7-segment display
HNTS3141C	0.30", 3-digit, multiplex, CC, red, 550ucd, 7-segment display
HNTS3142C	0.36", 3-digit, multiplex, CC, red, 550ucd, 7-segment display
HNTS3211C	0.30", 3-digit, multiplex, CA, super red, 5000ucd, 7-segment display
HNTS3212C	0.36", 3-digit, multiplex, CA, super red, 5000ucd, 7-segment display
HNTS3241C	0.30", 3-digit, multiplex, CC, super red, 5000ucd, 7-segment display
HNTS3242C	0.36", 3-digit, multiplex, CC, super red, 5000ucd, 7-segment display
HNTS3311C	0.30", 3-digit, multiplex, CA, yellow, 1500ucd, 7-segment display
HNTS3312C	0.36", 3-digit, multiplex, CA, yellow, 1500ucd, 7-segment display
HNTS3341C	0.30", 3-digit, multiplex, CC, yellow, 1500ucd, 7-segment display
HNTS3342C	0.36", 3-digit, multiplex, CC, yellow, 1500ucd, 7-segment display
HNTS3411C	0.30", 3-digit, multiplex, CA, green, 1600ucd, 7-segment display
HNTS3412C	0.36", 3-digit, multiplex, CA, green, 1600ucd, 7-segment display
HNTS3441C	0.30", 3-digit, multiplex, CC, green, 1600ucd, 7-segment display
HNTS3442C	0.36", 3-digit, multiplex, CC, green, 1600ucd, 7-segment display
HNTS3711C	0.30", 3-digit, multiplex, CA, HER, 1800ucd, 7-segment display
HNTS3712C	0.36", 3-digit, multiplex, CA, HER, 1800ucd, 7-segment display
HNTS3741C	0.30", 3-digit, multiplex, CC, HER, 1800ucd, 7-segment display
HNTS3742C	0.36", 3-digit, multiplex, CC, HER, 1800ucd, 7-segment display
HNTS5111C	0.49", 3-digit, multiplex, CA, red, 650ucd, 7-segment display
HNTS5141C	0.49", 3-digit, multiplex, CC, red, 650ucd, 7-segment display
HNTS5211C	0.49", 3-digit, multiplex, CA, super red, 21000ucd, 7-segment display
HNTS5241C	0.49", 3-digit, multiplex, CC, super red, 21000ucd, 7-segment display
HNTS5311C	0.49", 3-digit, multiplex, CA, yellow, 1600ucd, 7-segment display

Part Number	Description
HNTS5341C	0.49", 3-digit, multiplex, CC, yellow, 1600ucd, 7-segment display
HNTS5411C	0.49", 3-digit, multiplex, CA, green, 2000ucd, 7-segment display
HNTS5441C	0.49", 3-digit, multiplex, CC, green, 2000ucd, 7-segment display
HNTS5911C	0.49", 3-digit, multiplex, CA, HER, 2000ucd, 7-segment display
HNTS5941C	0.49", 3-digit, multiplex, CC, HER, 2000ucd, 7-segment display
HNTS6110C	0.56", 3-digit, direct drive. CA , red, 650ucd, 7-segment display
HNTS6111C	0.56", 3-digit, multiplex, CA , red, 650ucd, 7-segment display
HNTS6140C	0.56", 3-digit, direct drive. CC , red, 650ucd, 7-segment display
HNTS6141C	0.56", 3-digit, multiplex, CC , red, 650ucd, 7-segment display
HNTS6210C	0.56", 3-digit, direct drive. CA , super red, 21000ucd, 7-segment display
HNTS6211C	0.56", 3-digit, multiplex, CA , super red, 21000ucd, 7-segment display
HNTS6240C	0.56", 3-digit, direct drive. CC , super red, 21000ucd, 7-segment display
HNTS6241C	0.56", 3-digit, multiplex, CC , super red, 21000ucd, 7-segment display
HNTS6310C	0.56", 3-digit, direct drive. CA , yellow, 1600ucd, 7-segment display
HNTS6311C	0.56", 3-digit, multiplex, CA , yellow, 1600ucd, 7-segment display
HNTS6340C	0.56", 3-digit, direct drive. CC , yellow, 1600ucd, 7-segment display
HNTS6341C	0.56", 3-digit, multiplex, CC , yellow, 1600ucd, 7-segment display
HNTS6410C	0.56", 3-digit, direct drive. CA , green, 2000ucd, 7-segment display
HNTS6411C	0.56", 3-digit, multiplex, CA , green, 2000ucd, 7-segment display
HNTS6440C	0.56", 3-digit, direct drive. CC , green, 2000ucd, 7-segment display
HNTS6441C	0.56", 3-digit, multiplex, CC , green, 2000ucd, 7-segment display
HNTS6910C	0.56", 3-digit, direct drive. CA , HER, 2000ucd, 7-segment display
HNTS6911C	0.56", 3-digit, multiplex, CA , HER, 2000ucd, 7-segment display
HNTS6940C	0.56", 3-digit, direct drive. CC , HER, 2000ucd, 7-segment display
HNTS6941C	0.56", 3-digit, multiplex, CC , HER, 2000ucd, 7-segment display
HNTV6112C	0.56", 3-digit, multiplex, CA, red, 650ucd, right angle, 7-segment display
HNTV6142C	0.56", 3-digit, multiplex, CC, red, 650ucd, right angle, 7-segment display
HNTV6212C	0.56", 3-digit, multiplex, CA, super red, 21000ucd, right angle, 7-segment display
HNTV6242C	0.56", 3-digit, multiplex, CC, super red, 21000ucd, right angle, 7-segment display
HNTV6312C	0.56", 3-digit, multiplex, CA, yellow, 1600ucd, right angle, 7-segment display
HNTV6342C	0.56", 3-digit, multiplex, CC, yellow, 1600ucd, right angle, 7-segment display
HNTV6412C	0.56", 3-digit, multiplex, CA, green, 2000cd, right angle, 7-segment display
HNTV6442C	0.56", 3-digit, multiplex, CC, green, 2000ucd, right angle, 7-segment display

Part Number	Description
HNTV6912C	0.56", 3-digit, multiplex, CA, HER, 2000ucd, right angle, 7-segment display
HNTV6942C	0.56", 3-digit, multiplex, CC, HER, 2000ucd, right angle, 7-segment display
HADxxxxC ( 0.54" )	Alphanumeric displays - 2 digits
HASxxxxC ( 0.50" )	Alphanumeric displays - 1 digit
HMx7x51C ( 0.7" )	Dot matrix displays - 5x7 - 0.7"
HMx8x75C ( 1.20" )	Dot matrix displays - 5x7 - 1.2"
HMx9x75C ( 1.50" )	Dot matrix displays - 5x7 - 1.5"
HMx8675C ( 1.50" )	Dot matrix displays - 5x7 - 1.5" - bicolore
HMx4x85C ( 1.50" )	Dot matrix displays - 5x8 - 1.5"
HMx2x851C ( 1.90" )	Dot matrix displays - 5x8 - 1.9"
HMx8985C ( 1.50" )	Dot matrix displays - 5x8 - 1.5" - bicolore
HMx2685C ( 2.40" )	Dot matrix displays - 5x8 - 2.4" - bicolore
HNx8x88C ( 1.30" )	Dot matrix displays - 8x8 - 1.3"
HMx3x88C ( 1.50" )	Dot matrix displays - 8x8 - 1.5"
HMx2x881C ( 2.40" )	Dot matrix displays - 8x8 - 2.4"
HMx8688C ( 1.30" )	Dot matrix displays - 8x8 - 1.3" - bicolore
HMx26881C ( 2.4" )	Dot matrix displays - 8x8 - 2.4" - bicolore
HNDxxxxC (0.56")	Displays - Dual digits
HNDxxxxC (0.36")	
HNDxxxxC (0.40")	
HNQCxxxxC ( 0.40" )	Displays - 4 digits
HNQCVxxxxC ( 0.56" )	
HNQCxxxxC ( 0.28" )	
HNQCxxxxC ( 0.39" )	
HNQCxxxxC ( 0.56" )	
HNSxxxx ( 0.3" )	Displays - single digit
HNSxxxx ( 0.52" )	
HNSxxxx ( 0.4" )	
HNSxxxx ( 3.0" )	
HNSxxxx ( 0.36" )	
HNSxxxx ( 0.36" )	
HNSxxxx ( 0.36" )	
HNSxxxx ( 1.50" )	

Part Number	Description
HNSxxxx ( 0.80" )	
HNSxxxx ( 0.56" )	
HNSxxxx ( 0.39" )	
HNSxxxx ( 4.00" )	
HNSxxxx ( 0.43" )	
HNSxxxx ( 1.00" )	
HNTxxxxC ( 0.4" )	Displays - 3 digits
HNTxxxxC ( 0.56" )	
HNTxxxxC ( 0.3" )	
HNTxxxxC ( 0.49" )	
HNTxxxxC ( 0.36" )	

































