



INDOOR LIGHTING



- **GREEN**
- **QUALITY**
- **INNOVATION**

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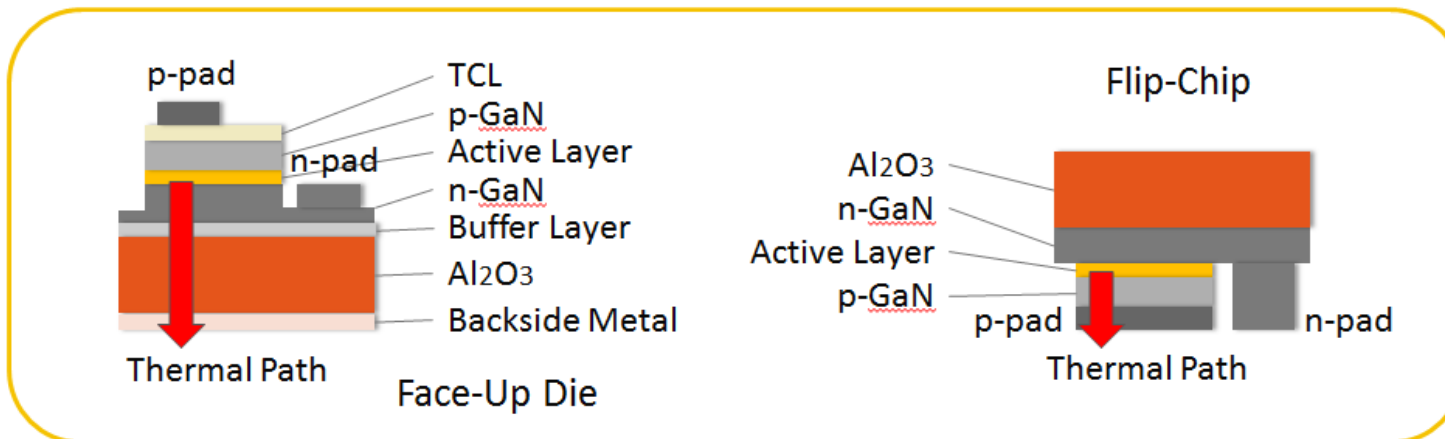
TECHNOLOGY



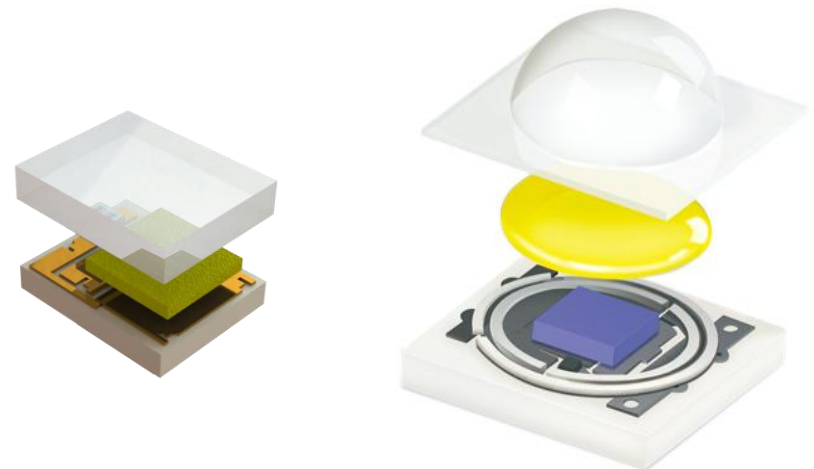
INNOVATION

* in selected range

- Flip-Chip (Wire-Bond Free)



- Eutectic Die-Bonding
- Energy Star Binning / MacAdam Binning
- Various Colour Temperature Range
- High CRI 80-95+
- Phosphor Coating on Die
- Tight Bin Selection

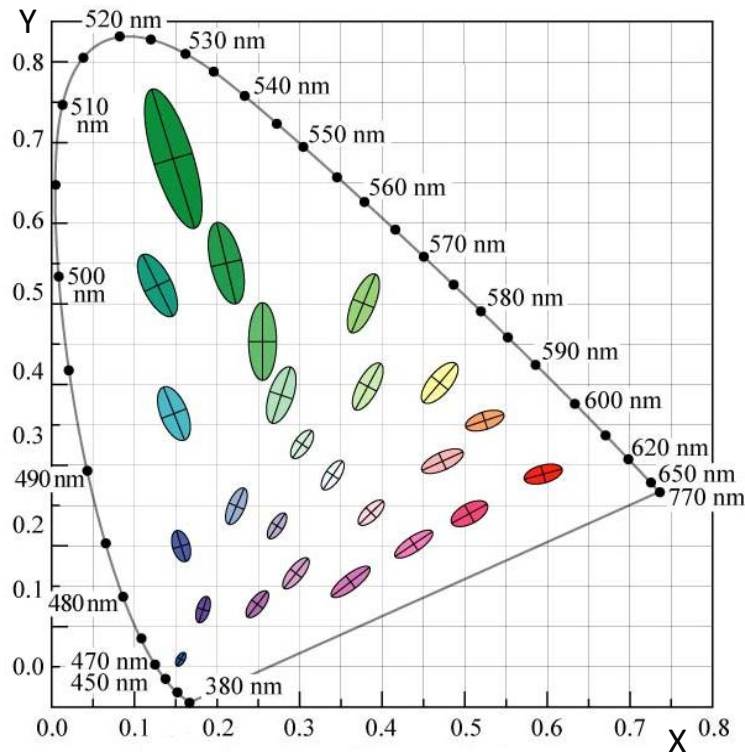




MACADAM BINNING

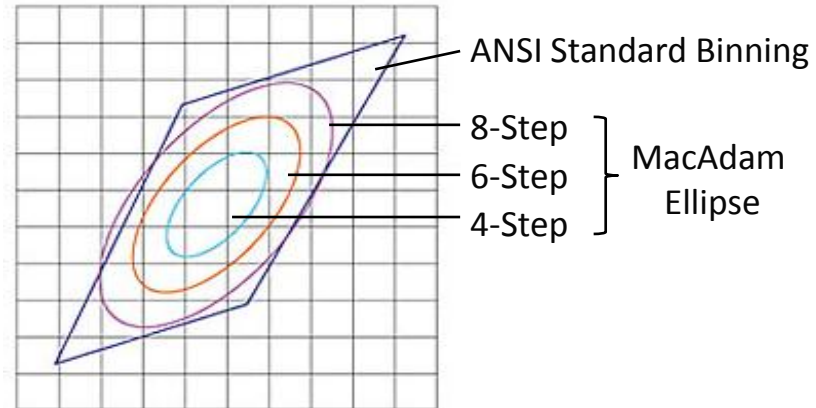
* 4-Steps or 6-Steps are available in selected range

MacAdam Ellipse - Colour:



CIE 1931 Chromaticity Diagram

MacAdam Ellipse - White:



MacAdam Ellipse	Human Eyes Observation
1 Step	Indistinguishable
2-4 Steps	Barely distinguishable
5-7 Steps	Readily distinguishable
8+ Steps	Distinguishable

CRI CHART

* in selected range



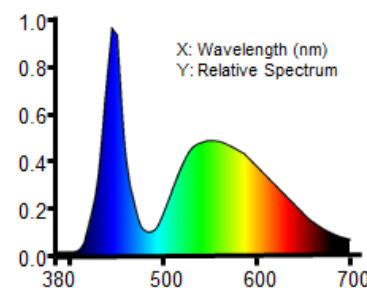
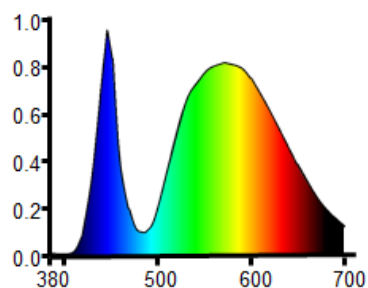
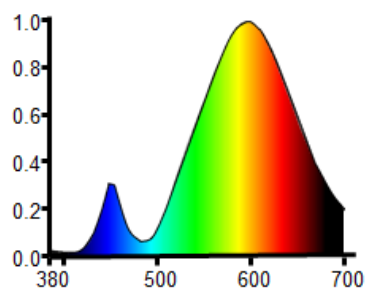
BRIGHTTEK
BRIGHTTEK (EUROPE) LIMITED



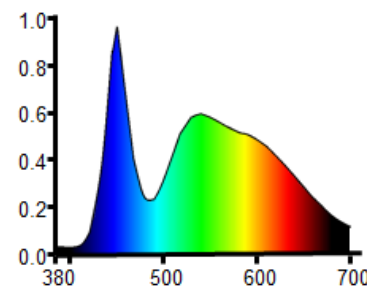
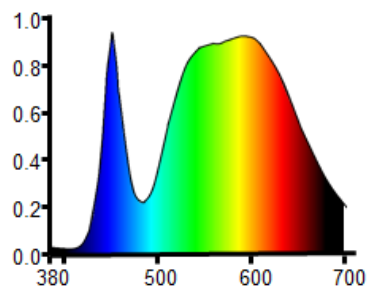
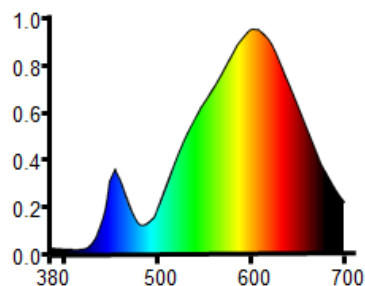
Warm White

Natural White

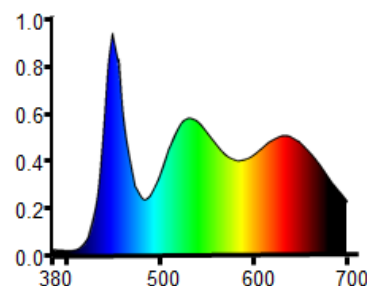
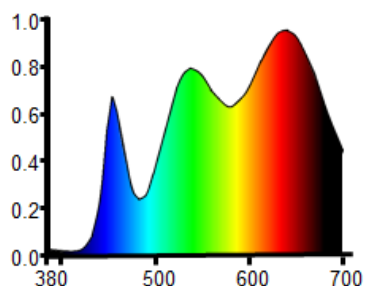
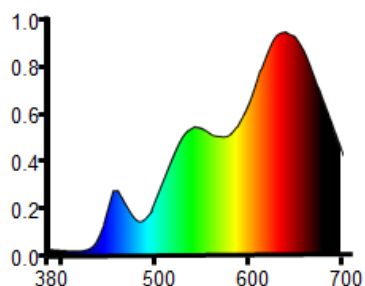
Cool White



CRI=70



CRI=80

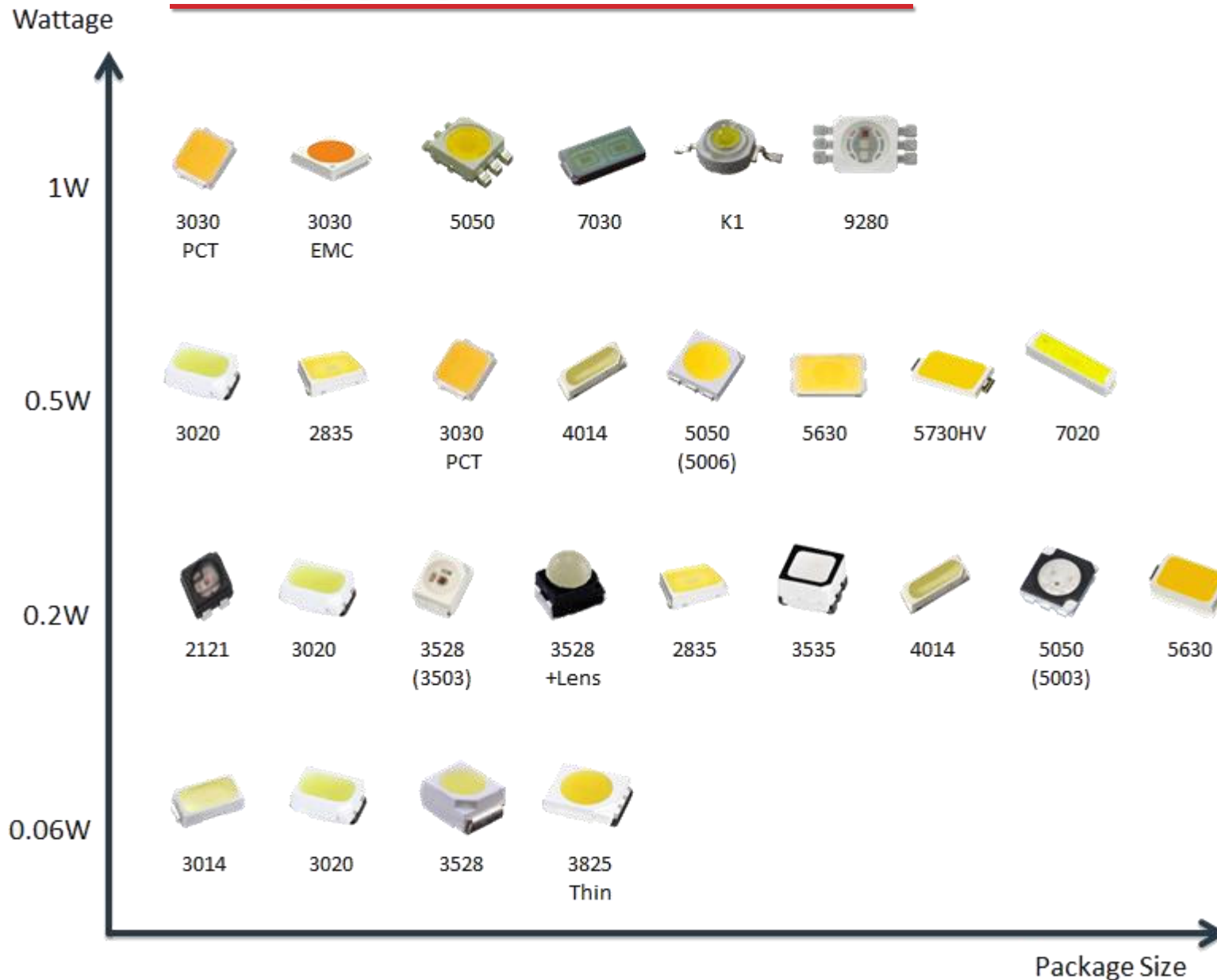


CRI=90

LED FOR **INDOOR LIGHTING**



PLCC SMD RANGE





MID-POWER PACKAGE



3020 Series

- 0.2/0.5W
- 60/150mA
- White & Colour



2835 Series

- 0.2/0.5/1W
- 60/150/350mA
- White & Colour



3030 Series

- 0.2/0.5/1W
- 120/150/350mA
- White & Colour



5630 Series

- 0.2/0.5W
- 60/150mA
- White



4014 Series

- 0.2W
- 60mA
- Sky White



7020 Series

- 0.5W
- 150mA
- Sky White



CERAMIC HIGH POWER



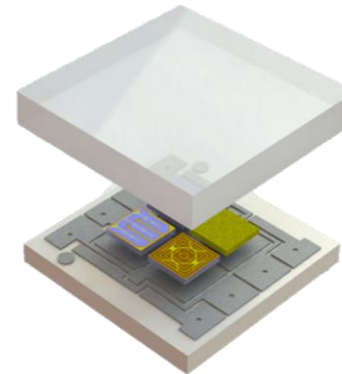
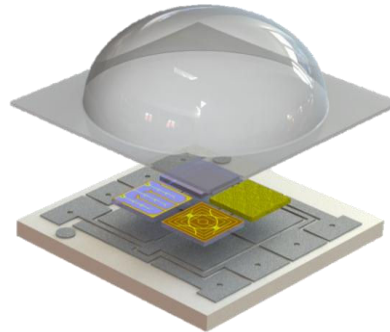
3535 Series

- 1-3W
- 350-700mA
- White & Colour



5252 WRGB Series

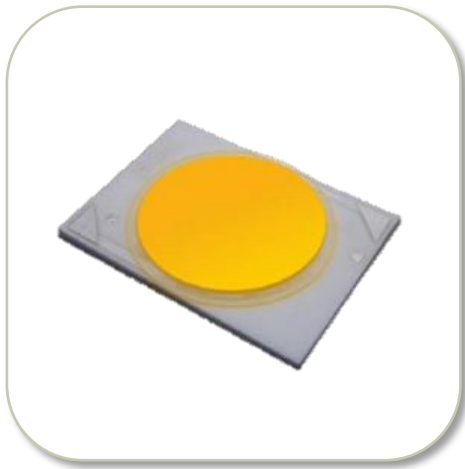
- 4W
- 350mA each Colour



**Secondary Optics
Available**



LIGHT ENGINE



COB Holder



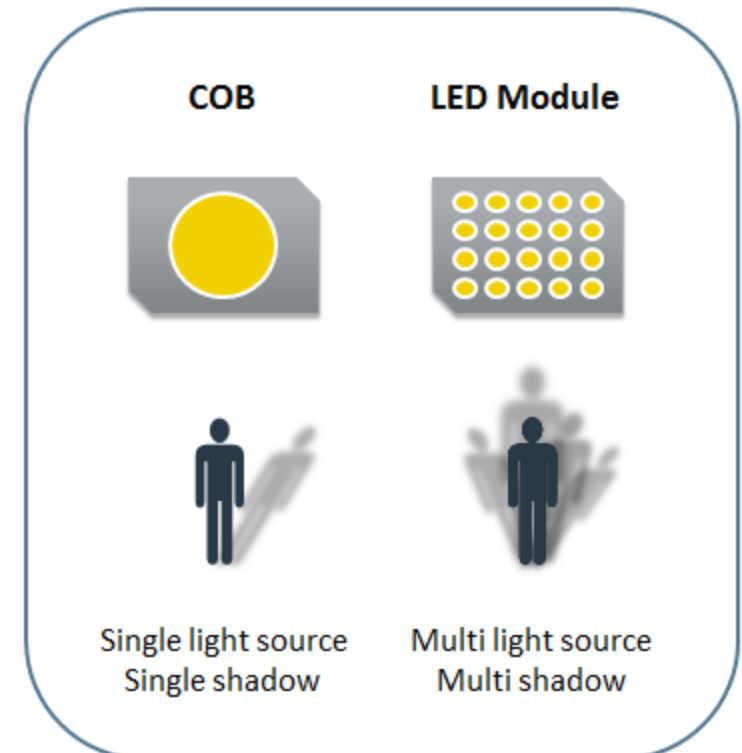
Reflector

COB (CHIP-ON-BOARD)

Features:

- Available in Aluminium and Ceramic Solution
- Compatible Holder and Reflector
- High CRI, High Efficiency

	Aluminium	Ceramic
Thermal Resistance	Low	Very Low
Material Cost	Low	High
Base Structure	Strong	Frangible
Decay	Mid-Low	Very Low
Installation	Screw or Holder	Holder





LED FILAMENT

Features:

- 38mm and 67.4mm Available
- Linear COB (22S/27S/45S)
- High Voltage (65V/75V/130V)
- Various Wattage 0.65W/0.75W/1.3W
- 360° Emitting Angle
- High CRI 80+
- Factory OEM / White Label Lighting Products

* cooling gas need to be filled





DOUBLE-SIDED COB

Features:

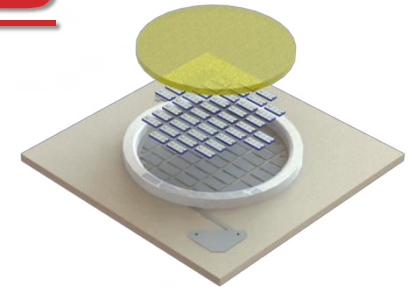
- Double-Sided Emitting (Omni-Directional)
- Heat Sink Not Required *
- Available in Components or Modules
- Installation: Solder on 3D PCB or Insert in PCB Slot
- High CRI 80+
- High Efficiency (up to 180lm/W)



* please refer to datasheet for non-heat sink wattage condition

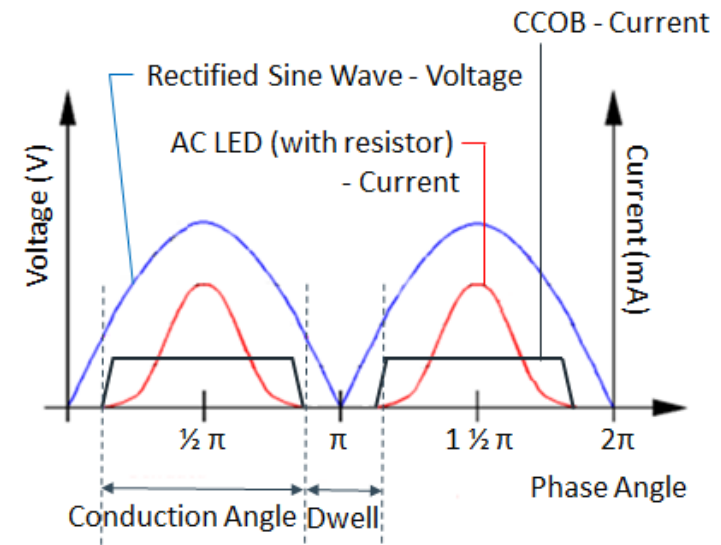


IC-EMBEDDED COB



Features:

- Direct Connect to AC 110V or 220V
- No Transformer Required
- Minimise Circuit Design
- Saving Components Cost
- High CRI and Performance

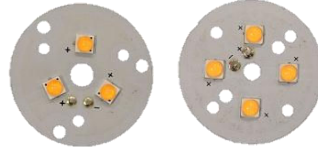


* EMI Reduction Circuit, Surge Protection Circuit, and Heat Control Circuit is recommended to add into the design

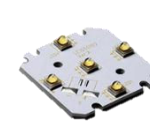
LED MODULES



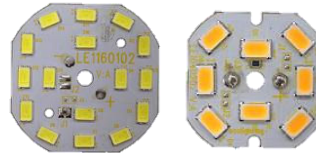
LED MODULES / OEM



for Spotlight



for PAR / Down Light



for Light Bulb



for Grid Light / Light Bar



for Corn Lamp



for Street Light

IC DRIVER

IC DRIVER



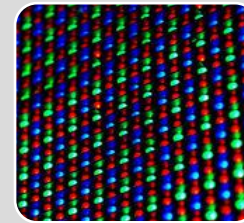
Lighting



Backlighting



High Power



RGB Display



VMS

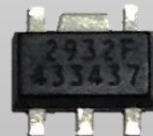
SCT2001
SCT2004
SCT2007
SCT2008
SCT2016
SCT2301
SCT2508
SCT2514
SCT2518
SCT2932

SCT2001
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SCT2008
SCT2016
SCT2508
SCT2514
SCT2518

SCT2301



SCT2932



SCT2007
SCT2010
SCT2024
SCT2026
SCT2027
SCT2110
SCT2167
SCT2168
SCT2180

SCT2024
SCT2026
SCT2027
SCT2110
SCT2167
SCT2168

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