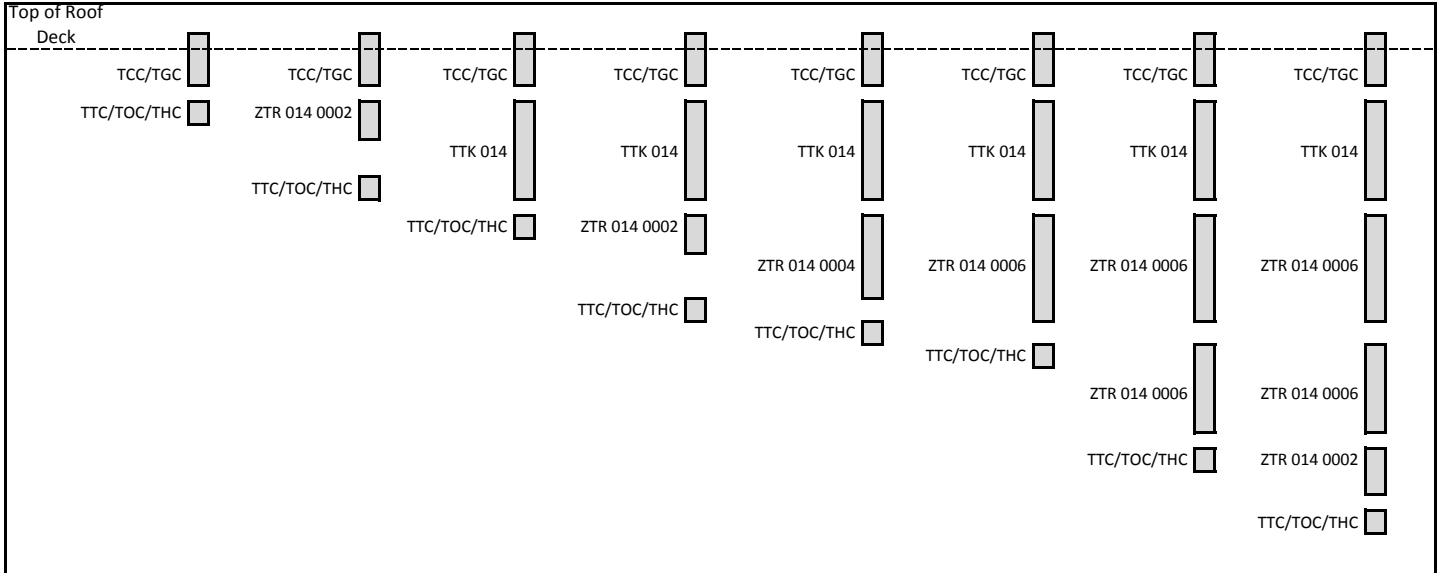


14" Commercial Sun Tunnel - Sizing Chart



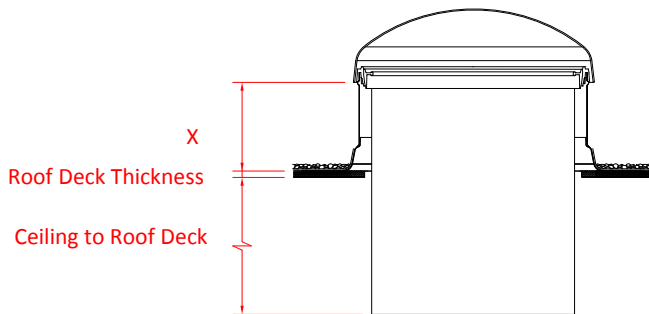
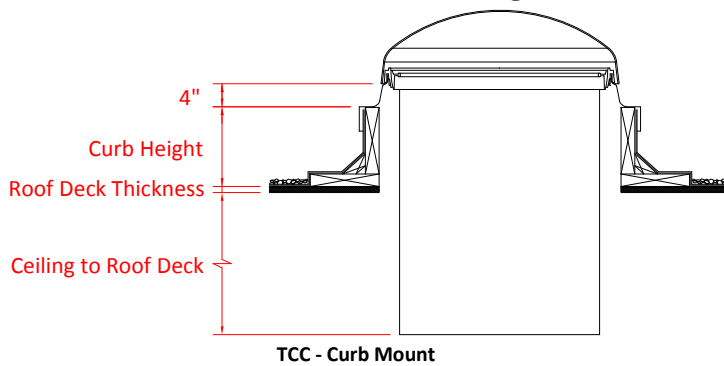
Skylights



Diffuser	Installed Tunnel Length (All lengths are nominal)								
TTC Tile Ceiling	Min 2'-2.5"	4'-1.5"	6'-0.5"	7'-9.5"	9'-8.5"	11'-7.5"	17'- 4.5"	19'- 3.5"	
TOC Open Ceiling	Min 1'-3.5"	3'-2.5"	5'-11.5"	6'-10.5"	8'-9.5"	10'-8.5"	16'-5.5"	18'-4.5"	
THC Drywall Ceiling	Min 1'-5"	3'-4"	6'-1"	7'-0"	8'-11"	10'-10"	16'-7"	18'-6"	

*VELUX does not recommend tunnel lengths in excess of 20'

How To Measure Tunnel Length



X = 16.5" if a 12" turret is used

X = 40.5" if a 36" turret is used

014 Component Lengths

Flashing Collar

TCC/TGC Flashing 15.5"

Tunnel Sections

ZTE (Elbow) 11.5"
 TTK (2' Tunnel & 2 Elbows) 45"
 ZTR 0002 (1 - 2' Tunnel) 24"
 ZTR 0004 (2 - 2' Tunnels) 47"
 ZTR 0006 (3 - 2' Tunnels) 70"
 ZTP (Daylight Controller) 6.5"
 ZTC 0401US (Energy Kit) 6.5"
 ZTZ 211 (Rotating Coupler) 5"

Diffuser Heights

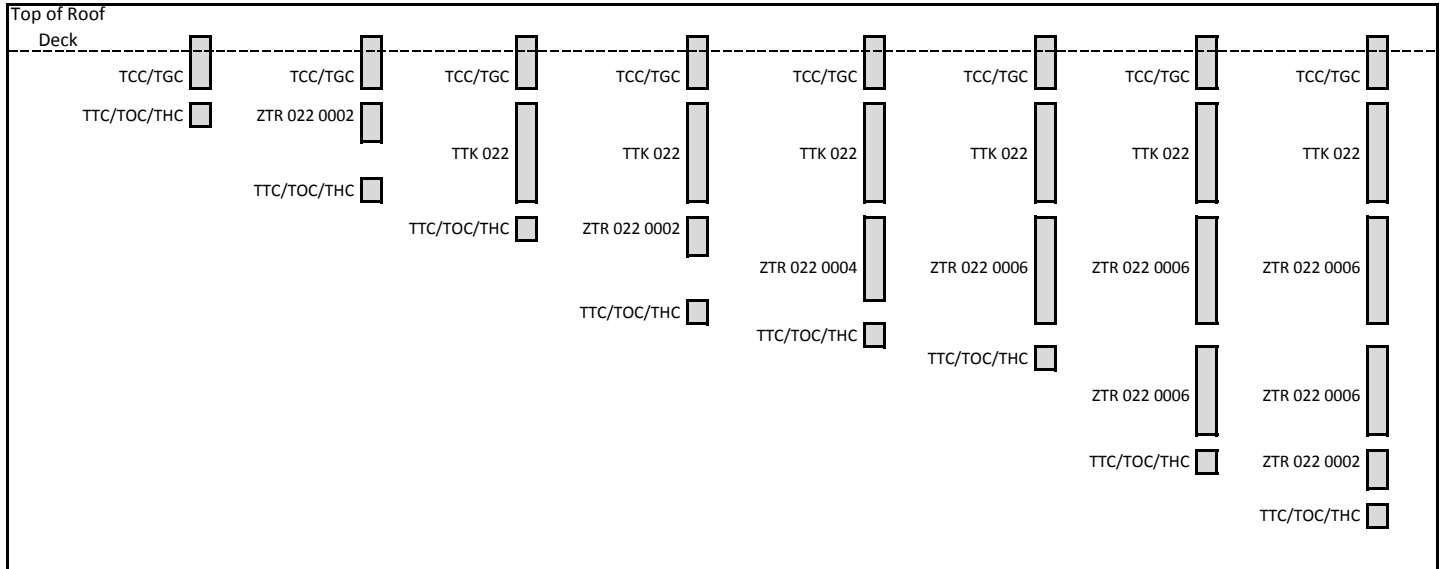
TTC (Tile Ceiling Diffuser) 12"
 TOC (Open Ceiling Diffuser) 1"
 THC (Drywall Ceiling Diffuser) 2.5"

Actual lengths are shown. Allow 1" overlap at each joint. For TTK & ZTR kits above, assembled lengths are shown.

22" Commercial Sun Tunnel - Sizing Chart



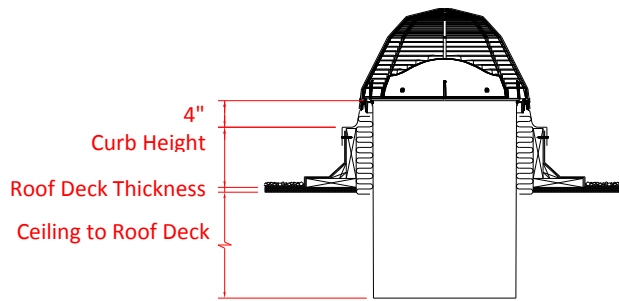
Skylights



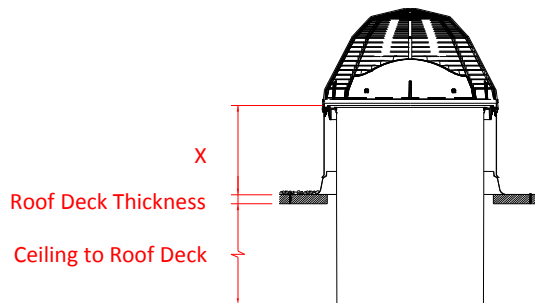
Diffuser	Installed Tunnel Length (All lengths are nominal)								
TTC Tile Ceiling	Min 1'-11.5"	3'-10.5"	6'-2.5"	8'-1.5"	10'-0.5"	11'-11.5"	17'- 8.5"	19'- 7.5"	
TOC Open Ceiling	Min 1'-3.5"	3'-2.5"	5'-6.5"	7'-5.5"	9'-4.5"	11'-3.5"	17'-0.5"	18'-11.5"	
THC Drywall Ceiling	Min 1'-5"	3'-4"	5'-8"	7'-7"	9'-6"	11'-5"	17'-2"	19'-1"	

*VELUX does not recommend tunnel lengths in excess of 20'

How To Measure Tunnel Length



TCC - Curb Mount



X = 16.5" if a 12" turret is used

X = 40.5" if a 36" turret is used

TGC - Self-Flash

022 Component Lengths

Flashing Collar

TCC/TGC Flashing 15.5"

Tunnel Sections

ZTE (Elbow) 15"
 TTK (2' Tunnel & 2 Elbows) 52"
 ZTR 0002 (1 - 2' Tunnel) 24"
 ZTR 0004 (2 - 2' Tunnels) 47"
 ZTR 0006 (3 - 2' Tunnels) 70"
 ZTP (Daylight Controller) 6.5"
 ZTC 0401US (Energy Kit) 6.5"
 ZTZ 211 (Rotating Coupler) 5"

Diffuser Heights

TTC (Tile Ceiling Diffuser) 9"
 TOC (Open Ceiling Diffuser) 1"
 THC (Drywall Ceiling Diffuser) 2.5"

Actual lengths are shown. Allow 1" overlap at each joint. For TTK & ZTR kits above, assembled lengths are shown.