

Centre Pivot Roof Windows



The Centre Pivot (CP) range is the most commonly specified and versatile of all Keylite Roof Windows.

Application

- The Keylite CP Roof Window can be installed in any sloping roof with a pitch 15° - 90° making it a simple and cost effective way of bringing natural light into your roof space.

Features & Operation

- The Keylite CP Window rotates through 180° to enable the outer surface to be cleaned from inside.
- The handle at the top opens and closes the window.
- The initial short pull downwards opens the ventilation flap, a further gentle pull opens the window.
- The window can be fixed in the open position using the locking bolt to assist cleaning.
- The ventilation flap allows clean, fresh air to circulate the room, even when the window is locked and secure.



Window U-Value: 1.4 w/m²k (double glazed) 1.0 w/m²k (triple glazed)

Guarantee

- Keylite windows have a 10 year guarantee.

Combinations

Flashings



- Slate
- Tile
- Deep Tile
- Plain Tile
- Conservation Slate/Tile
- Combi Slate/Tile
- Bi-Lite Slate/Tile
- Quad-Lite Slate/Tile

Enhanced Installation



- Felt Collar
- Thermal Collar
- Vapour Collar

Electric Kits



- Standard (single/double)
- Premium (single/double)

Blinds



- Integral blinds
- Blackout blinds
- Diffused blinds

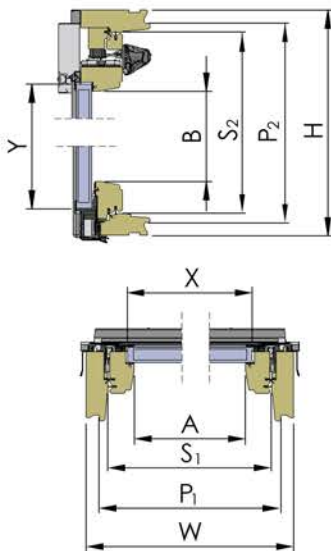
Variants

- Interior
 - Pine
 - White Finish
- Pane
 - Keylite Thermal: Toughened glass system (28mm pane 'Low E' Argon Gas filled) U-Value: 1.0 w/m²k
 - Keylite Hi Therm Laminated toughened glazing system with self cleaning glass & UV filter. (28mm pane 'Low E' Argon Gas filled) U-Value: 1.0 w/m²k
 - Triple Glazing Toughened triple glazing with self cleaning glass & UV filter. (28mm Krypton 'Low E' Krypton Gas filled). U-Value: 0.7 w/m²k

Technical information

Window Type	Window Size	External Frame Size			Sash Size			Glazing Size			Visible Glazing Size			Plasterboard			Natural Daylite Area (m ²)	Equivalent Ventilation area (mm ²)	Structural opening Size Required		
		(mm)			(mm)			(mm)			(mm)			(mm)							
		W	x	H	S1	x	S2	X	x	Y	A	x	B	P1	x	P2					
CP	01	550	x	780	460	x	690	396	x	593	371	x	531	498	x	728	0.197	3,879	590	x	820
CP	02	550	x	980	460	x	890	396	x	793	371	x	731	498	x	928	0.271	3,879	590	x	1,020
CP	03	660	x	1180	570	x	1090	506	x	993	481	x	931	608	x	1128	0.261	4,658	700	x	1,220
CP	04	780	x	980	690	x	890	626	x	793	601	x	731	728	x	928	0.439	6,567	820	x	1,020
CP	05	780	x	1180	690	x	1090	626	x	993	601	x	931	728	x	1128	0.560	6,567	820	x	1,220
CP	06	780	x	1400	690	x	1310	626	x	1213	601	x	1151	728	x	1348	0.692	6,567	820	x	1,440
CP	07	940	x	1600	850	x	1510	786	x	1413	761	x	1351	888	x	1548	1.028	7,914	980	x	1,640
CP	08	1140	x	1180	1050	x	1090	986	x	993	961	x	931	1088	x	1128	0.895	9,597	1180	x	1,220
CP	09	1340	x	980	1250	x	890	1186	x	793	1161	x	731	1288	x	928	0.849	11,281	1380	x	1,020
CP	10	1340	x	1400	1250	x	1310	1186	x	1213	1161	x	1151	1288	x	1348	1.336	11,281	1380	x	1,440
CP	01C	550	x	1180	460	x	1090	396	x	993	371	x	931	498	x	1128	0.345	3,879	590	x	1,220
CP	01F	550	x	1400	460	x	1310	396	x	1213	371	x	1151	498	x	1348	0.427	3,879	590	x	1,440
CP	01G	550	x	1600	460	x	1510	396	x	1413	371	x	1351	498	x	1548	0.501	3,879	590	x	1,640
CP	03A	660	x	780	570	x	690	506	x	593	481	x	531	608	x	728	0.255	4,658	700	x	820
CP	03B	660	x	980	570	x	890	506	x	793	481	x	731	608	x	928	0.352	4,658	700	x	1,020
CP	03F	660	x	1400	570	x	1310	506	x	1213	481	x	1151	608	x	1348	0.554	4,658	700	x	1,440
CP	03G	660	x	1600	570	x	1510	506	x	1413	481	x	1351	608	x	1548	0.650	4,658	700	x	1,640
CP	04A	780	x	780	690	x	690	626	x	593	601	x	531	728	x	728	0.319	6,567	820	x	820
CP	04G	780	x	1600	690	x	1510	626	x	1413	601	x	1351	728	x	1548	0.812	6,567	820	x	1,640
CP	07A	940	x	780	850	x	690	786	x	593	761	x	531	888	x	728	0.404	7,914	980	x	820
CP	07B	940	x	980	850	x	890	786	x	793	761	x	731	888	x	928	0.556	7,914	980	x	1,020
CP	07C	940	x	1180	850	x	1090	786	x	993	761	x	931	888	x	1128	0.708	7,914	980	x	1,220
CP	07F	940	x	1400	850	x	1310	786	x	1213	761	x	1151	888	x	1348	0.876	7,914	980	x	1,440
CP	08A	1140	x	780	1050	x	690	986	x	593	961	x	531	1088	x	728	0.510	9,597	1180	x	820
CP	08B	1140	x	980	1050	x	890	986	x	793	961	x	731	1088	x	928	0.702	9,597	1180	x	1,020
CP	08F	1140	x	1400	1050	x	1310	986	x	1213	961	x	1151	1088	x	1348	1.106	9,597	1180	x	1,440
CP	08G	1140	x	1600	1050	x	1510	986	x	1413	961	x	1351	1088	x	1548	1.298	9,597	1180	x	1,640
CP	09A	1340	x	780	1250	x	690	1186	x	593	1161	x	531	1288	x	728	0.616	11,281	1380	x	820
CP	09C	1340	x	1180	1250	x	1090	1186	x	993	1161	x	931	1288	x	1128	1.081	11,281	1380	x	1,220
CP	09G	1340	x	1600	1250	x	1510	1186	x	1413	1161	x	1351	1288	x	1548	1.569	11,281	1380	x	1,640

Cross - section



Glazing Option

Glazing Option - Results		Thermal	Hi-Therm	Triple Glazed
UV	transmittance (%)	$\tau_{uv} = 35,0$	$= 3,7$	$= 19,9$
LIGHT	transmittance for standard illuminant D65 (%)	$\tau_v = 80,1$	$= 79,5$	$= 70,9$
	reflectance for standard illuminant D65 (%)(*)	$\rho_v = 12,2$	$= 12,2$	$= 15,2$
	reflectance for standard illuminant D65 (%)(**)	$\rho_v = 12,3$	$= 12,2$	$= 17,8$
	general colour rendering index (%)	$R_a = 97,4$	$= 97,1$	$= 95,6$
ENERGY	solar direct transmittance (%)	$\tau_e = 54,5$	$= 51,4$	$= 41,8$
	solar direct reflectance (%)(*)	$\rho_e = 28,8$	$= 28,7$	$= 33,3$
	solar direct reflectance (%)(**)	$\rho_e = 27,8$	$= 23,8$	$= 30,9$
	solar direct absorption (%)(*)	$a = 16,7$	$= 19,9$	$= 24,9$
	secondary internal heat transfer factor (%)(*)	$q_i = 8,3$	$= 11,1$	$= 11,0$
	total solar energy transmittance (solar factor) EN 410 (%)(*)	$g = 62,8$	$= 62,5$	$= 52,7$
	total solar energy transmittance (solar factor) DIN 67507 (%)(*)	$g = 59,8$	$= 59,5$	$= 49,8$
	shading coefficient (+g_DIN/0,87)(*)	$SC = 0,69$	$= 0,68$	$= 0,57$



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