



**DECLARATION OF PERFORMANCE  
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2\*)

**BLUESTEEL THERM ELEC + ACCES**

List of alternatives :

**BLUESTEEL THERM ELEC+ACCES (DROITE)**

Intended use (§3\*)

Facade

Roof

§1\* : the full identification of the product is based on :

- its order number and date of production indicated on the tracking sticker

- its full designation : product range designation + alternative + infill + dimensions

DOP\_EN1873\_118\_BLUESTEEL THERM ELEC + ACCES\_ANG

N° 118

Name, registered trade name or trade mark and contact adress of the manufacturer (§4\*)

Name : BLUETEK (Head office : ZI Nord les Pins - 37230 Luynes)

Production units location : HEXADOME : H01-ZI Nord les Pins - 37230 Luynes/H02-Rue Marc Seguin - 63600 Ambert // SIH : S01-Le Haras - 57430 Sarralbe // SODILIGHT : S02-Route de Saulon - 21220 Gevrey-Chambertin

**Product description (§3\*)**

NSHEV and roof access and zenithal lighting skylight with a single flap, electric mechanism  
Steel upstand height ≤ 600mm

**Intended use of the construction product, in accordance with the applicable harmonised technical specification (§3\*)**

Maximum authorized inclination of the plan to support the upstand :

- No laying direction for slope from 0 to 10 % (0 à 5°)
- Hinges in the sens of the slope for > 10 to 40% (5 to 22°)

**Possible options (§3\*)**

Griddle

**System or systems of assessment and verification if constancy of performance of the construction product : (§6 7 \*)**

System 3 according to Annexe ZA of European Norm EN 1873, List of notified testing laboratories (and NANDO List Nr) : CSTC (NB 1136 ) / CSTB (NB 0679) / LNE (NB 0071) / Fraunhofer (NB 0765)

**Declared performances (§9\*)**

Criteria		Value obtained for this range				Reference EN1873
Watertightness		Succeed				§ 5.3.1
UL Classification for resistance to ascending loads		See table below				§ 5.4.1
DL Classification for resistance to lowering loads		See table below				§ 5.4.2
Shock resistance	Large sized soft body (SB)	SB1200 with a fall-arrest device				§ 5.4.3.2
	Small sized hard body	Succeed				§ 5.4.3.1
Total light transmission (td65)	PCA16 7 parois incolore	0,61	0,63	Bs2d0	ΔA, Cu0, Ku0	§ 5.1 § 5.5 § 5.2
	PCA16 7 parois opale	0,52	0,54	Bs2d0	ΔA, Cu0, Ku0	
	PCA16 7 parois calor control	0,23	0,31	Bs2d0	ΔA, Cu0, Ku0	
	PCA 20 7 parois opale	0,45	0,47	Bs2d0	ΔA, Cu0, Ku0	
	PCA 20 7 Parois Transparent	0,46	0,49	Bs2d0	ΔA, Cu0, Ku0	
	PCA32 opalescent	0,27	0,29	Bs2d0	ΔA, Cu0, Ku0	
	PCA32 transparent	0,37	0,4	Bs2d0	ΔA, Cu0, Ku0	
	PCA 10 mm + Dôme 1P PC OPALESCENT	0,49	0,52	Bs2d0	PND	
	PCA 10 mm + Dôme 1P PC TRANSPARENT	0,63	0,66	Bs2d0	PND	
	PCA 10 mm + PYR 1P PC OPALESCENT	0,49	0,52	Bs2d0	PND	
	PCA 10 mm + PYR 1P PC TRANSPARENT	0,63	0,66	Bs2d0	PND	
	BSL opale	0,41	0,35	Bs2d0	PND	
	BSL opalescent	0,5	0,41	Bs2d0	PND	
	PCA 16 Pearl Inside	0,43	0,45	Bs1d0	PND	
	PCA 16 Pearl Inside opaque	0	PND	Bs2d0	PND	
	PCA 16 Pearl Inside Calor Control IR White	0,17	0,22	Bs2d0	PND	
AP Air thightness Classification		See table below				§ 5.8
Urc / Arc	Infill only Ut =	PCA16	2	W/m²K	§ 5.9	
		PCA20	1,7			
		ci alu isolé	0,8			
		PCA32	1,15			
PCA10+dôme	2,7					
PCA10+pyramide	2,7					
BSL	1,07					
PCA Pearl Inside16	2,1					
Urc Ref		PND				
Complete rooflight for : PCA16;PCA20;ci alu isolé;PCA32;BSL;PCA Pearl Inside16		See table below				
Complete skylight with other infills		PND				
Airbone noise indulation (Rw)		PND				§ 5.10

PND= Performance non déterminée



**DECLARATION OF PERFORMANCE  
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2\*)

**BLUESTEEL THERM ELEC + ACCES**

List of alternatives :

**BLUESTEEL THERM ELEC+ACCES (DROITE)**

Intended use (§3\*)

Facade

Roof

§1\* : the full identification of the product is based on :

- its order number and date of production indicated on the tracking sticker

- its full designation : product range designation + alternative + infill + dimensions

DOP\_EN1873\_118\_BLUESTEEL THERM ELEC + ACCES\_ANG

N° 118

Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 16		PCA 20		PCA 32		PCA 16 Pearl Inside		BSL		ci alu standard	
				Upstand height 350mm		Upstand height 350mm		Upstand height 350mm		Upstand height 350mm		Upstand height 350mm		Upstand height 350mm	
cm				Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>
100/100	1500	3000	0,4	2	2,8	1,9	2,8	1,7	2,9	2,1	2,8	1,6	2,9	1,5	2,9
120/120	1500	3000	0,4	2	3,6	1,9	3,6	1,6	3,7	2,1	3,6	1,6	3,7	1,5	3,7

The performance of the product identified in points §1 et §2 is in conformity with the declared performance in point §9.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point §4.

Signed for and on behalf of the manufacturer by Philippe FRITZINGER, President of BLUETEK

The 24/11/2017 in Luynes

\* Chapter § numbers according to annexe 3 of CPR UE N°305/2011

[www.bluetek.fr](http://www.bluetek.fr)



**DECLARATION OF PERFORMANCE  
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2\*)

**BLUESTEEL THERM ELEC + ACCES**

List of alternatives :

**BLUESTEEL THERM ELEC+ACCES (DROITE)**

Intended use (§3\*)

Facade

Roof

§1\* : the full identification of the product is based on :

- its order number and date of production indicated on the tracking sticker

- its full designation : product range designation + alternative + infill + dimensions

DOP\_EN1873\_118\_BLUESTEEL THERM ELEC + ACCES\_ANG

N° 118

Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 16		PCA 20		PCA 32		PCA 16 Pearl Inside		BSL		ci alu standard	
				Upstand height 420mm		Upstand height 420mm		Upstand height 420mm		Upstand height 420mm		Upstand height 420mm		Upstand height 420mm	
cm				Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>
100/100	1500	3000	0,4	1,9	3,1	1,8	3,1	1,6	3,2	2	3,1	1,6	3,2	1,5	3,2
120/120	1500	3000	0,4	2	3,9	1,8	4	1,6	4	2	3,9	1,6	4,1	1,5	4,1

The performance of the product identified in points §1 et §2 is in conformity with the declared performance in point §9.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point §4.

Signed for and on behalf of the manufacturer by Philippe FRITZINGER, President of BLUETEK

The 24/11/2017 in Luynes

\* Chapter § numbers according to annexe 3 of CPR UE N°305/2011

[www.bluetek.fr](http://www.bluetek.fr)