













LIGHTNING POLAR

High Performance

LENS	Material	Polycarbonate		
	Thickness	2 mm		
	Colour	Polarized (grey)		
	Curvature	8 		
	Standards	EN 166 - General standard EN 172 - Solar protection filters for industrial use		
	Marking	5-3,1  1 FT 		
	Treatments		Anti-scratch treatment	
		UV400 protection		
		Polarizing filter		
FRAME	Material	Front	Polycarbonate (ventilation system)	
		Temples	Polycarbonate + TPR	
		Nase pad	TPR	
	Marking	 EN 166 FT 		
	Features		Adjustable nose pad	
			Soft nose pad	
			Soft ear pieces	
FURTHER TECHNICAL FEATURES	Weight	30 g		
	Applications	Outdoor works with a high risk of glare, construction site, road work, driving vehicles, oil-plants, work on highly reflective surfaces (water, ice, snow, sand and street surface).		

POLARIZED LENS
EXCELLENT VISUAL PERFORMANCE



PACKAGING	Code		Quantity	
	E001-B111	Box	10 single-packed glasses	
	E001-K111	Carton	24 boxes (240 single-packed glasses)	

SAFETY TECHNICAL FEATURES						
	DESCRIPTION	STANDARDS	MINIMUM REQUIREMENT / RANGE		RESULT REACHED	MARKING
FILTER DESIGNATION	Scale number	EN166:2001 (par. 5)	---		---	5 - 3,1
BASIC REQUIREMENTS	Visible Light Transmission τ_v	EN172:1994 + A1:2000 + A2:2001 (par. 4)	17,8 % ÷ 8,0 %		15 %	---
	Optical class	EN166:2001 (par. 7.1.2.1.2)	1	On-going work	1	1
			2	Intermittent work		
			3	Occasional work (not intended for prolonged use)		
PARTICULAR REQUIREMENTS	Protection against high speed particles	EN166:2001 (par. 7.2.2)	F	Low energy impact (45 m/s)	F	F
			B	Medium energy impact (120 m/s)		
			A	High energy impact (190 m/s)		
OPTIONAL REQUIREMENTS	Protection against high speed particles at extreme temperatures	EN166:2001 (par. 7.3.4)	T	Protection against high speed particles at extreme temperatures (-5°C e +55°C)	COMPLIANT	T