



THE RIFLESCOPE PIONEER



Never miss
THE MOMENT!

The Riflescope Pioneer



- 1898 Karl Robert Kahles founds the company KAHLES
- 1900 KAHLES, the main optic product supplier of the Kingdom of Austria (K&K), develops binoculars and the TELORAR rifle scope with 5 magnifications for the army
- 1926 KAHLES presents the first Helia rifle scope
- 1949 KAHLES develops the first variable rifle scopes
- 1960 KAHLES develops as the first manufacturer waterproofed rifle scopes
- 1972 The new KAHLES-AMV coating offers for the very first time a light transmission of more than 90% in a rifle scope
- 1998 On the occasion of their 100 year anniversary, KAHLES sets again a milestone in the rifle scope history with presenting the new Helia C series
- 2005 The innovative KAHLES multizero TM ballistic elevation adjustment opens an new era in precision shooting
- 2007 KAHLES develops the "Automatic Light" - the world's first intelligent on-off mechanism for illuminated rifle scope reticles
- 2012 KAHLES presents in its new „green“ facility in Guntramsdorf near Vienna the first model of the new series Helia 5
- 2014 KAHLES reached the hurdle of 50x magnification with the new developed K1050.
- 2015 KAHLES presents patented ballistic drop compensation.



Product Overview



HELIA 5



HELIA C



HELIA CBX



HELIA
CSX



HELIA
KX & KXi



KAHLES
K15i



KAHLES
K4i



KAHLES
K 1050 & K 1050i FT



KAHLES
K 312II & K 312i



KAHLES
K 624i

KAHLES
Binoculars







HELIA 5

THE NEW GENERATION



HELIA 5 1.6-8x42i
„UNIVERSAL AND POWERFUL“



HELIA 5 1-5x24i*
„OPTIMIZED FOR THE DRIVEN HUNT“

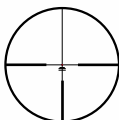


HELIA 5 2.4-12x56i*
„THE PERFECT ALLROUNDER“

automaticlight



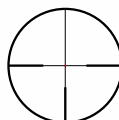
*option SR-Rail



G4B



P-Dot



4-Dot

	1-5x24i*	1.6-8x42i	2.4-12x56i*	
Magnification	1 - 5	1.6 - 8	2.4 - 12	
Obj. lens diameter	24	42	56	mm
Field of view	42.3 - 8.0	25.5 - 4.9	16.5 - 3.3	m/100m
Eye relief	95	95	95	mm
Diopter compensation	+2/-3.5	+2/-3.5	+2/-3.5	dpt
Twilight factor	3.1 - 11.0	5.2 - 18.3	7.6 - 25.9	DIN 58388
Impact corr. per click	15	10	10	mm/100m
Elevation/Windage	2.2	1.55	1.9 / 1.1	m/100m
Tube diameter	30	30	30	mm
Length	278	323	361	mm
Weight	470	538	689	g
Weight SR-Rail	490	-	709	g
Reticle 2. focal plane	4-Dot, P-Dot	4-Dot, G4B	4-Dot, G4B	
Illuminated	yes	yes	yes	



BALLISTIC DROP COMPENSATION

HIT THE MARK EVERY TIME



- Easy of use through simple operation
- High flexibility through a big selection of available ballistic rings
- Robust housing with magnetic lid for easy opening and closing

In polished brass or black
anodised aluminium available



Work out the distance – adjust the ballistics – and go!

The easy-to-use and accurate KAHLES ballistic drop compensation (BDC) is the perfect assistant at the crucial moment. It adapts quickly and easily to your needs and offers everything you need for an aimed shot at different distances.

With the KAHLES standard ballistic rings*, which are available for common calibres, achieving excellent shooting accuracy has never been so easy and straightforward. With the KAHLES BDC, the days of having to work out how far above your target you should aim when shooting at long distances are now over.

The new KAHLES ballistic drop compensation feature will be available at specialist retailers from May 2015 onwards.

* The available KAHLES ballistic rings are listed on www.kahles.at.

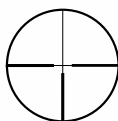
HELIA C

UNMATCHED OVER GENERATIONS



HELIA C
2.5-10x50

HELIA C 2.5-10x50



4A

C 2.5-10x50

Magnification	2.5 - 10	
Obj. lens diameter	50	mm
Field of view	10.5 - 5.0	m/100m
Eye relief	90	mm
Diopter compensation	+2/-3.5	dpt
Twilight factor	7.8 - 22.4	DIN 58388
Impact corr. per click	10	mm/100m
Elevation	1.58	m/100m
Tube diameter	30	mm
Length	326	mm
Weight	490	g
Reticle 1. focal plane	4A	
Illuminated	no	



HELIA CBX

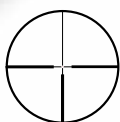
CREATED FOR THE WORST LIGHT CONDITIONS



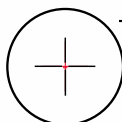
HELIA CBX
3-12x56

HELIA CBX 3-12x56

automaticlight



4-NP



4Pr



Transparent reticle pattern in the first focal plane, ideal for still or driven hunts and for long-range shooting (2nd breakpoint integrated / corresponds to about 300m).

CBX 3-12x56

Magnification	3 - 12	
Obj. lens diameter	56	mm
Field of view	12.5 - 3.6	m/100m
Eye relief	90	mm
Diopter compensation	+2/-3.5	dpt
Twilight factor	9.5 - 25.9	DIN 58388
Impact corr. per click	10	mm/100m
Elevation	1.25	m/100m
Tubediameter	30	mm
Length	356	mm
Weight	580	g
Reticle 1. focal plane	4-NP, 4Pr	
Illuminated	yes	

HELIA CSX

SUPERIOR - DAY AND NIGHT

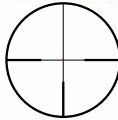


HELIA CSX
3-12x56

HELIA CSX 2.5-10x50

HELIA CSX 3-12x56

automaticlight



4-DOT

	CSX 2.5-10x50	CSX 3-12x56	
Magnification	2.5 - 10	3 - 12	
Obj. lens diameter	50	56	mm
Field of view	14.5 - 4.2	12.5 - 3.5	m/100m
Eye relief	90	90	mm
Diopter compensation	+2/-3.5	+2/-3.5	dpt
Twilight factor	7.8 - 22.4	9.5 - 25.9	DIN 58388
Impact corr. per click	10	10	mm/100m
Elevation	1.58	1.25	m/100m
Tube diameter	30	30	mm
Length	326	356	mm
Weight	520	580	g
Reticle 2. focal plane	4-Dot	4-Dot	
Illuminated	yes	yes	



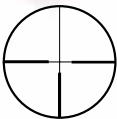
HELIA KX und KXi

HIGHEST PRECISION IN COMPACT SHAPE

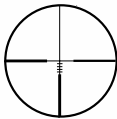


HELIA KXi
3.5-10x50

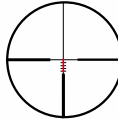
HELIA KX 3-9x42



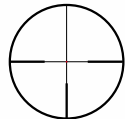
4A



4D



4D-DOT



4-DOT

	KX 3-9x42	KXi 3.5-10x50	
Magnification	3-9	3.5-10	
Obj. lens diameter	42	50	mm
Field of view	12.1 - 4.3	11.2 - 4.0	m/100m
Eye relief	90	90	mm
Diopter compensation	+2/-3.5	+2/-3.5	dpt
Twilight factor	11.2 - 19.4	12.0 - 22.4	DIN 58388
Impact corr. per click	7	7	mm/100m
Elevation	1.6	1.4	m/100m
Tube diameter	25.4	25.4	mm
Length	307	320	mm
Weight	400	440	g
Reticle 2. focal plane	4A, 4D	4D-Dot, 4-Dot	
Illuminated	no	yes	





KAHLES K 1050

MAXIMUM MAGNIFICATION
FOR PERFECTIONISTS

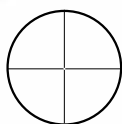


KAHLES K 1050
10-50x56

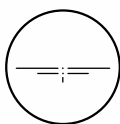
KAHLES K 1050 with
parallax wheel*



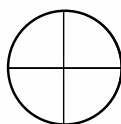
KAHLES K 1050 10-50x56



CH



DD



Plex

K 1050

Magnification	10 - 50	
Obj. lens diameter	56	mm
Field of view	2.9 - 0.6	m/100m
Eye relief	95	mm
Diopter compensation	+2/-3.5	dpt
Parallax adjustment	8 till ∞	m
Impact corr. per click	1/8	MOA
Elevation/Windage	1.6 / 1.2	m/100m
Tube diameter	30	mm
Length	429	mm
Weight	890	g
Reticle 2. focal plane	CH, DD, Plex	
Illuminated	no	



KAHLES K 1050i FT

FIELD TARGET – FOR WINNERS



NEW

KAHLES K 1050i FT
10-50x56

KAHLES K 1050i FT 10-50x56

NEW



MHR

K 1050i FT

Magnification	10 - 50	
Obj. lens diameter	56	mm
Field of view	2.9 - 0.6	m/100m
Eye relief	95	mm
Diopter compensation	+2/-3.5	dpt
Parallax adjustment	8 till 60	m
Impact corr. per click	1/8	MOA
Elevation/Windage	1.6 / 1.2	m/100m
Tube diameter	30	mm
Length	429	mm
Weight	890	g
Reticle 2. focal plane	MHR	
Illuminated	yes	



KAHLES K 312II

THE TACTICAL TOOL



KAHLES K 312II
3-12x50

Available in two versions:
cw = clock wise
ccw = counter clock wise



KAHLES K 312II 3-12x50



Mil 2

K 312II

Magnification	3 - 12	
Obj. lens diameter	50	mm
Field of view	12.0 - 3.5	m/100m
Eye relief	90	mm
Diopter compensation	+2/-3.5	dpt
Parallax adjustment	30 till ∞	m
Impact corr. per click	.1	MIL
Elevation/Windage	2.4 / 1.2	m/100m
Tube diameter	34	mm
Length	386	mm
Weight	800	g
Reticle 1. focal plane	Mil 2	
Illuminated	no	



KAHLES K 312i

PRACTICAL PERFORMANCE FOR PROFESSIONALS



NEW

KAHLES K 312i
3-12x50

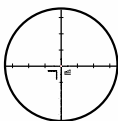
To ensure optimal and ergonomic usability, we have integrated as first manufacturer worldwide the windage turret on the left side!

KAHLES K 312i 3-12x50

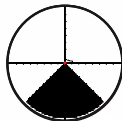
NEW



Mil 7



MSR/Ki



AMR

	K 312i	
Magnification	3 - 12	
Obj. lens diameter	50	mm
Field of view	11.1 - 3.3	m/100m
Eye relief	90	mm
Diopter compensation	+2/-3.5	dpt
Parallax adjustment	25 till ∞	m
Impact corr. per click	.1	MIL
Elevation/Windage	2.5 / 1.2	m/100m
Tube diameter	34	mm
Length	376	mm
Weight	836	g
Reticle 1. focal plane	Mil 7, MSR/Ki, AMR	
Illuminated	yes	

KAHLES K 624i

THE SPECIALIST FOR LONG DISTANCES



KAHLES K 624i
6-24x56

NEW

From now on as MOA*,
cw and ccw version available



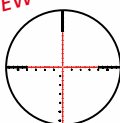
KAHLES K 624i 6-24x56

NEW



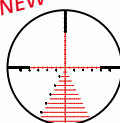
MOAK

NEW

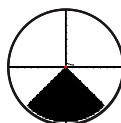


SKMR

NEW



SKMR 2



AMR

K 624 i

Magnification	6 - 24	
Obj. lens diameter	56	mm
Field of view	6.8 - 1.7	m/100m
Eye relief	90	mm
Diopter compensation	+2/-3.5	dpt
Parallax adjustment	50 till ∞	m
Impact corr. per click	.1	MIL
Elevation/Windage	2.5 / 1.1	m/100m
Tube diameter	34	mm
Length	405	mm
Weight	950	g
Reticle 1. focal plane	MSR/Ki, Mil 3, Mil 4, MOAK*, SKMR, SKMR 2, AMR	
Illuminated	yes	

* MOA version is only available in cw version and with MOAK reticle



KAHLES K 15i

FAST TARGETING - ULTRA-WIDE FIELD OF VIEW

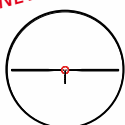


KAHLES K 15i 1-5x24i



KAHLES K 15i 1-5x24i

NEW



SM1

NEW

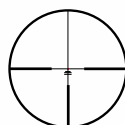


SM2

NEW



SI1



G4B

K 15i

Magnification	1 - 5	
Obj. lens diameter	24	mm
Field of view	42.3 - 8.0	m/100m
Eye relief	95	mm
Diopter compensation	+2/-3.5	dpt
Impact corr. per click	10	mm/100m
Elevation/Windage	2.2	m/100m
Tube diameter	30	mm
Length	278	mm
Weight	480	g
Reticle 2. focal plane	SM1, SM2, SI1, G4B	
Illuminated	yes	

KAHLES K 4i

IF TIME MATTERS

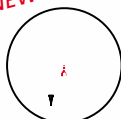


KAHLES K 4i 4x30

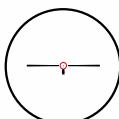


KAHLES K 4i 4x30

NEW

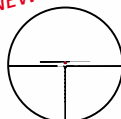


RSR



CD

NEW



HMR

	K 4i	
Magnification	4	
Obj. lens diameter	30	mm
Field of view	9.1	m/100m
Eye relief	95	mm
Diopter compensation	+2/-4	dpt
Impact corr. per click	15	mm/100m
max. Verstellweg (H/S)	2/2	m/100m
Length	278	mm
Weight with mounting*	680	g
Reticle	RSR, CD, HMR	
Illuminated	yes	

*Delivered with quick release mounting



Binoculars

FOR HUNTING, SPORTS AND LEISURE



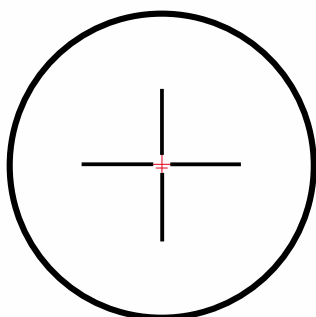
**LIGHTWEIGHT, BRIGHT,
BRILLIANT, CRISP AND SHARP**

- High light transmission >90 %
- Excellent picture quality
- Longlife magnesium construction
- Lightweight from 604g

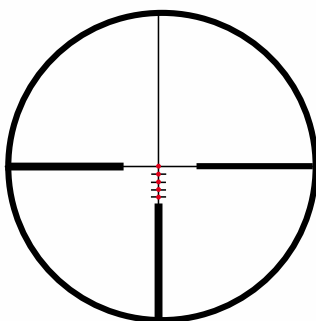


	8x32	8x42	10x42	
Magnification	8	8	10	
Obj. lens diameter	32	42	42	mm
Eye relief	16	19	16	mm
Field of view	133	110	105	m/1000m
Field of view real	7.6°	6.3°	6°	
Field of view app.	58°	51°	59°	
Exit pupil	4.2	5.25	4.2	mm
Diopter compens.	+2/-3.5	+2/-3.5	+2/-3.5	dpt
Interpupillary distance	58 - 72	58 - 72	58 - 72	mm
Length	120	140	140	mm
Weight	604	674	683	g
Foc. distance, shortest	1.6	2.7	2.5	m
Twilight factor	16.2	18.3	20.5	DIN 58388
Colour	Loden green	Loden green	Loden green	

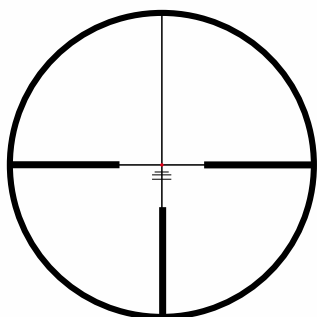
Reticles illuminated



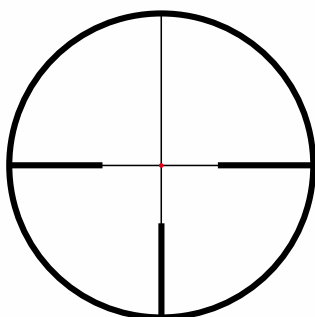
4Pr



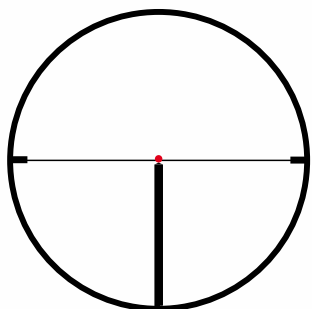
4D-Dot



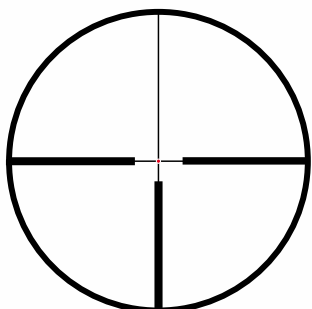
G4B



4-Dot

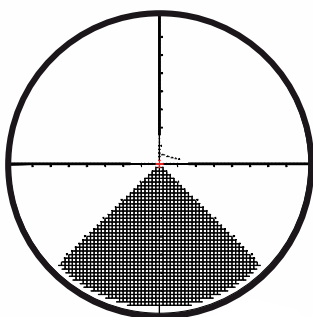


P-Dot

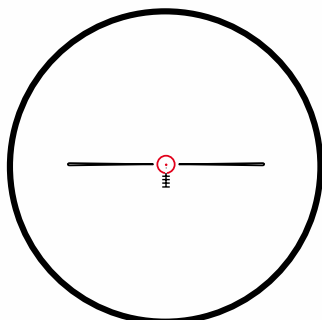


4-NP

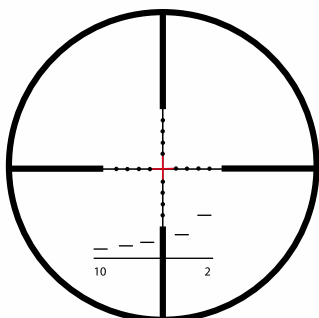
Reticles illuminated



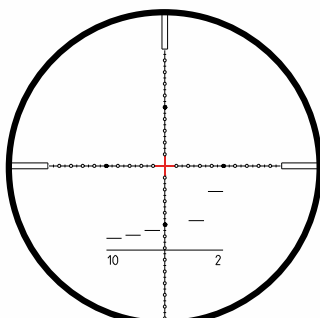
AMR



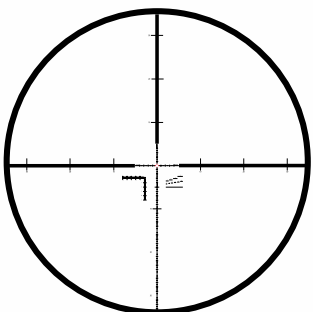
CD



Mil 3



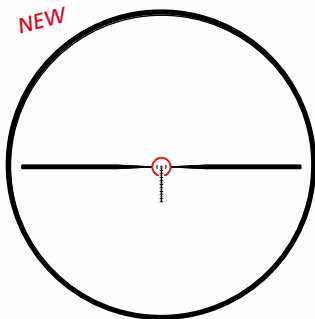
Mil 4



MSR/Ki

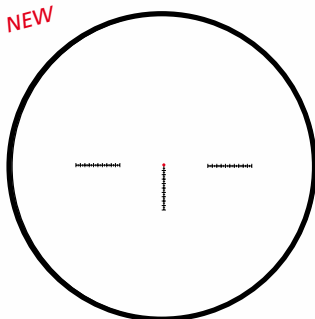
Reticles illuminated

NEW



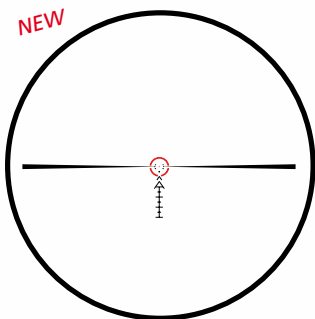
SM1

NEW



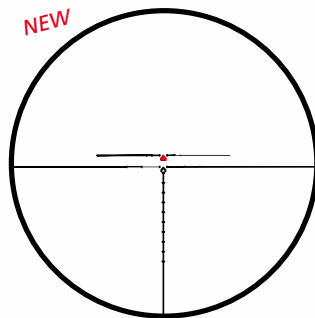
SM2

NEW



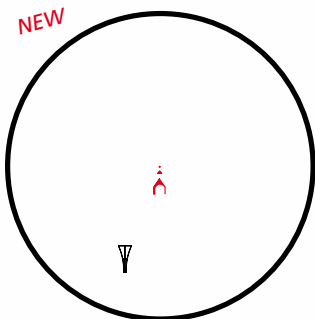
SI1

NEW



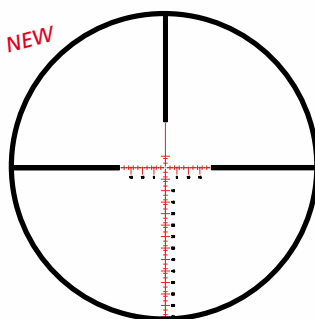
HMR

NEW



RSR

NEW

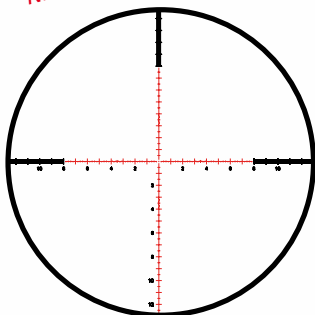


MOAK

Reticles

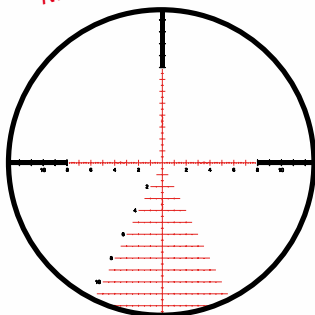
illuminated

NEW



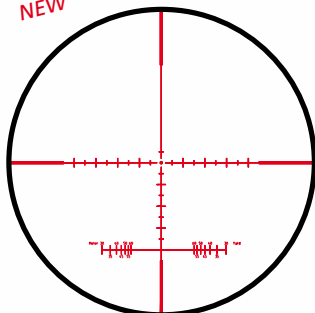
SKMR

NEW



SKMR 2

NEW



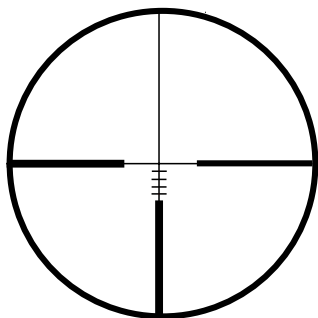
MHR

NEW

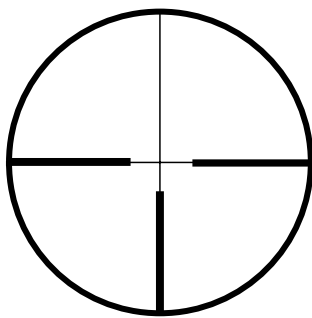


Mil 7

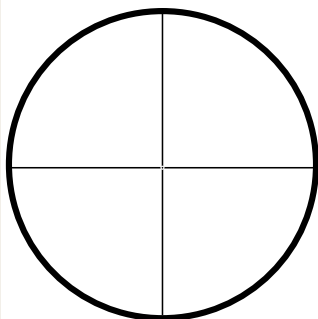
Reticles non-illuminated



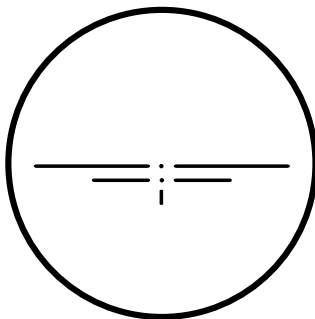
4D



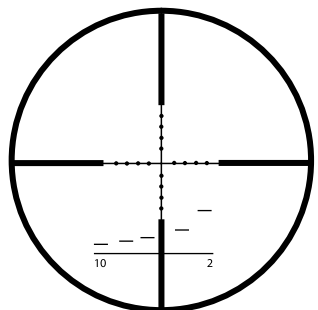
4A



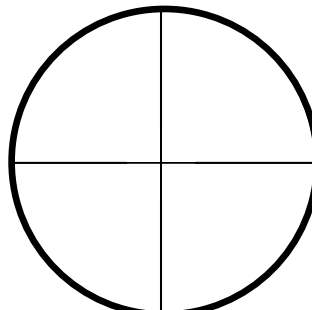
CH



DD



Mil 2



Plex



SEE WHAT THE OTHERS CAN'T...

At KAHLES we work every day to achieve one goal - to help you be successful at the moment of truth. Therefore, for decades our entire product range has been based on one solid idea:

First light and last light belong to KAHLES riflescope optics!

This has been confirmed by independent testing, and by countless testimonials from professional hunters from around the globe. For example, the KAHLES K 624i achieved 95.2% light transmission under test conditions at dusk! More examples are summarized below. These and many more test results are available at www.kahles.at

MAXIMUM TWILIGHT PERFORMANCE 95.2% AND TEST WINNER!



K 624i 6-24x56

The K 624i received the highest ratings for clarity, resolution and light transmission. Additionally, the Mil-reticle provides a razor sharp image on the first focal plane.

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"EXCELLENT OPTICS"

"The new Helia 5 1,6-8x42i is a classic stalking scope but is also very suitable for stand hunting. At dusk the scope performed quite sufficiently, and it was also very good under moonlight conditions."



Helia 5 1,6-8x42i

Quote Zeitler, Roland (2014): Great "Stalking Scope". In: St. Hubertus 2014/5

ST. HUBERTUS | PIRSCH

"THE LIGHT CANON"



Helia 5 2,4-12x56i

"The KAHLES Helia 5 is an all purpose riflescope. It is suitable for stalking and stand hunting, and is excellent for nighttime hunting. Its convincing aspects included a large field of view, very high light transmission, practical design, as well as a brilliant optical clarity."

ST. HUBERTUS | JAGD | DWJ

Quote Zeitler, Roland (2013): "The Light Canon" In: DWJ 2013/578

BEST LIGHT TRANSMISSION IN TEST!

The Helia CBX delivered the best twilight performance, the highest light transmission and the clearest image quality of 23 products tested.

VAPEN



Helia CBX 3-12x56

Trust the rifle scope pioneer - trust KAHLES!

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Great Britain Hungary Iceland Ireland Italy
Latvia Lithuania Netherlands Norway Poland
Romania Russia Serbia Slovakia Slovenia
Spain Sweden Switzerland Ukraine

Oceania

Australia New Caledonia New Zealand

Subject to technical changes. For more details please visit our website.

