ZANEEN_®

MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35085-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	-

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

GENERAL	
Series: Mechan	iq Square Comfort
Subseries: Mec	haniq Square Comfort Single
Brand: Prolicht	t
Division: Archit	ectural
Mounting Type	:: Recessed
Mounting Loca	tion: Ceiling
Subcategory: D	Jownlight
PHYSICAL	
Shape: Square	
Length (mm): 1	186
Length (in): 7 ½	, 16
Width (mm): 18	36
Width (in): 7 ⁵ / ₁₆	
Height (mm): 1	80
Height (in): 7 ¹ / ₁	6
Ceiling Thickne	ess (mm): 10 / 12.5 / 15
Ceiling Thickne	ess (in): 3/8 or 1/2 or 9/16
Min. Recessing	Depth (mm): 200
Min. Recessing	Depth (in): 7 1/8
Light Distributi	ion: Adjustable / Downlight
Weight (kg): 1.8	38
Weight (lbs): 4.	14
LOD / PUS / FR	SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / O / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
	G / OBR / MOS / ROR
	ıl: Aluminum Die Cast rements: 175mm / 6 7/8" x 175mm / 6 7/8"
ELECTRICAL	
	D (Zhaga Standard)
· · ·	/attage (W): 21.2
and 0-10V Dimi	<u>.</u>
Driver Included	
-	n: Recessed Housing
Driver Type: Co	onstant Current - Universal
Housing: See c	•
Input Voltage (V): 120 - 277

Input Voltage (V): 120 - 277 Constant Current (MA): 700

LED

	Number of LEDs: 1	
Max_Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600	Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
	Max. Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600	I
CRI: >90 CRI	CRI: >90 CRI	
Lamp Life (hrs): 50000	Lamp Life (hrs): 50000	

OPTICAL

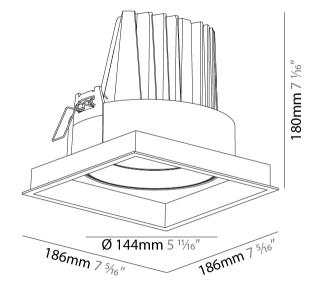
Reflector°: 8 Adjustability: Rotational 355°; Tilt 30°

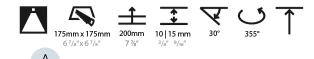
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
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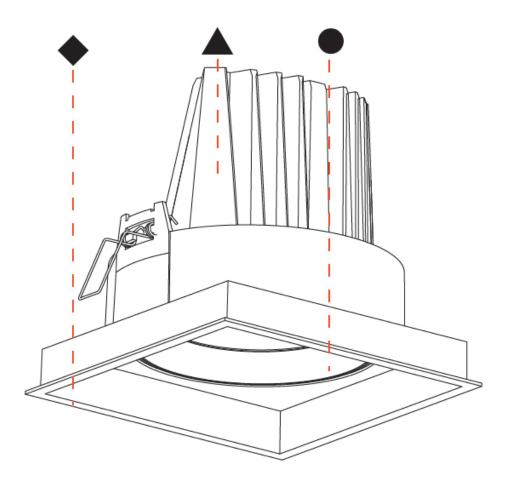
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MECHANIQ SQUARE COMFORT SINGL	E RECESSED

A35085-

PROJECT			
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MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35088-

base number	Color	Finishes	Finishes	Finishes	Reflector
	Temperature	(Diamond)	(Triangle)	(Circle)	Options
	Temperature	(Diamond)	(Triangle)	(Circle)	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

GENERAL	
Series: Mecha	aniq Square Comfort
Subseries: Me	echaniq Square Comfort Single
Brand: Prolic	ht
Division: Arch	nitectural
Mounting Typ	pe: Recessed
Mounting Loo	cation: Ceiling
Subcategory	: Downlight
PHYSICAL	
Shape: Squar	re
Length (mm)	: 186
Length (in): 7	5/ ₁₆
Width (mm):	186
Width (in): 7	16
Height (mm):	180
Height (in): 7	¹ / ₁₆
Ceiling Thick	ness (mm): 10 / 12.5 / 15
	ness (in): 3/8 or 1/2 or 9/16
Min. Recessir	ng Depth (mm): 200
Min. Recessir	ng Depth (in): 7 ½
Light Distribu	ition: Adjustable / Downlight
Weight (kg): 1	1.88
Weight (lbs):	4.14
	n: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
	RO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
	JAG / OBR / MOS / ROR
	rial: Aluminum Die Cast
Cut-out Meas	surements: 175mm / 6 7/8" x 175mm / 6 7/8"
ELECTRICAL	
Lamp Type: L	.ED (Zhaga Standard)
· · · ·	Wattage (W): 41.9
Dimming: Tri and 0-10V Dir	-Mode (Non-Dimming and Phase Dimming (120Vac only) mming)
Driver Includ	ed: No
Driver Locati	on: Recessed Housing
	Constant Current - Universal
	components
Input Voltage	e (V): 120 - 277

LED

Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 4030 / 4130 / 4342 / 4430	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

Reflector°: 12 / 24 / 40

Constant Current (MA): 1050

Adjustability: Rotational 355°; Tilt 30°	

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20

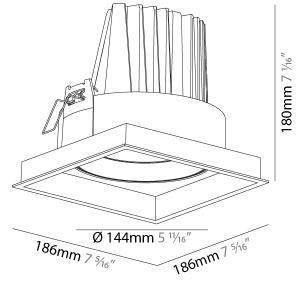
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PROJECT TYPE SPECIFIER QUANTITY DATE





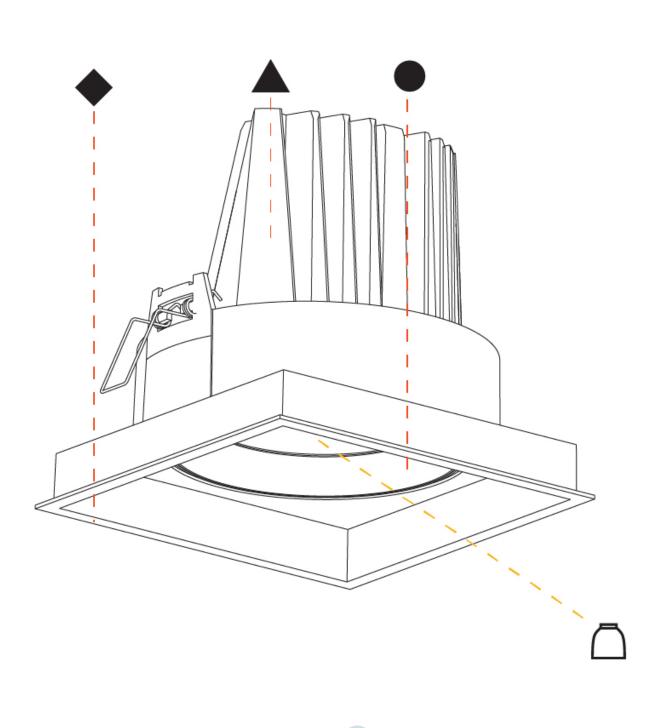


MECHANIQ SQUARE COMFORT SINGLE RECESSED

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SPECIFIER		
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MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35097-

base number	Color	Finishes	Finishes	Finishes
	Temperature	(Diamond)	(Triangle)	(Circle)

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAI

GENERAL	
Series: Mechaniq Square Comfort	
Subseries: Mechaniq Square Comfort Double	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Rectangle	
Length (mm): 353	
Length (in): 13 $\frac{7}{8}$	
Width (mm): 186	
Width (in): 7 ⁵ / ₁₆	
Height (mm): 180	
Height (in): $7\frac{1}{16}$	
Ceiling Thickness (mm): 10 / 12.5 / 15	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16	
Min. Recessing Depth (mm): 200	
Min. Recessing Depth (in): 7 ⁷ / ₈	
Light Distribution: Adjustable / Downlight	
Weight (kg): 3.671	
Weight (lbs): 8.093	
Installation Requirement: Requires 2 Housings - See Components	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / M	
LOD / DUG / EDD / KIA / DOD / DLG / SDG / MEV / COUL/ CUMA / C	110 /

LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 342mm / 13 7/16" x 175mm / 6 7/8"	

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 21
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Location: Recessed Housing
Driver Type: Constant Current - Universal
Housing: See components
Input Voltage (V): 120 - 277
Constant Current (MA): 700

LED

Number of LEDs: 2
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2870 / 2980 / 3136 / 3200
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL

Reflector°: 8

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

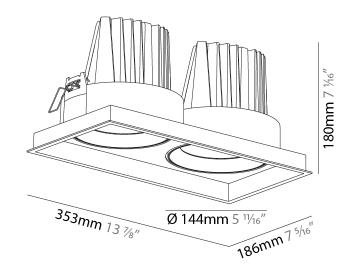
Certified By: Certified for North American Standards IP rating: IP20

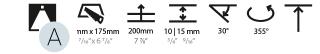
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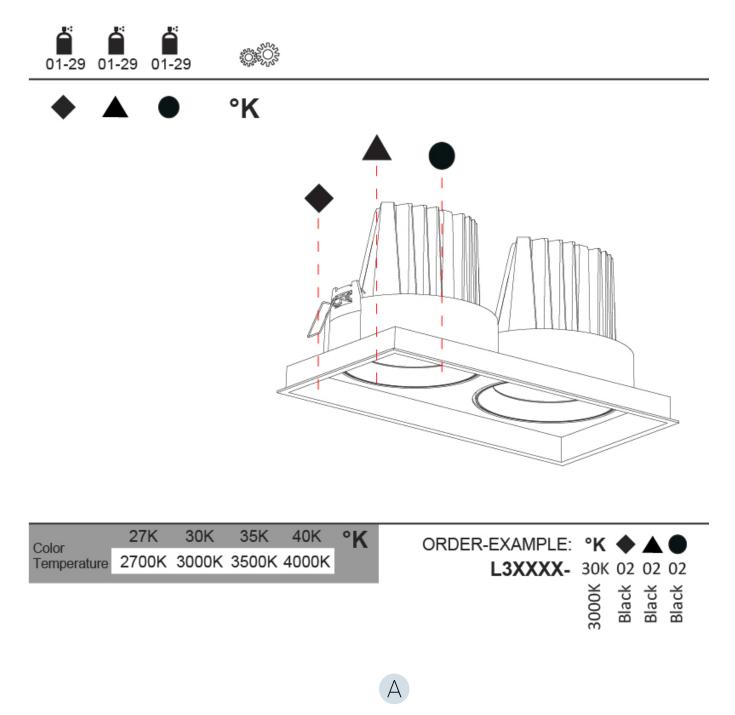
MECHANIQ SQUARE COMFORT DOUBLE

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A35097-

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For Color / Finish Chart & Symbology see Appendix or product page downloadable area.



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MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35100-

base number	Color	Finishes	Finishes	Finishes	Reflector
	Temperature	(Diamond)	(Triangle)	(Circle)	Options

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the

options listed below in blue font and add the suffix to the base model #

GENERAL

	Series: Mechaniq Square Comfort
	Subseries: Mechaniq Square Comfort Double
	Brand: Prolicht
	Division: Architectural
	Mounting Type: Recessed
	Mounting Location: Ceiling
	Subcategory: Downlight
	PHYSICAL
	Shape: Rectangle
	Length (mm): 353
	Length (in): 13 $\frac{7}{8}$
	Width (mm): 186
	Width (in): 7 ⁵ / ₁₆
	Height (mm): 180
	Height (in): 7 ¹ / ₁₆
	Ceiling Thickness (mm): 10 / 12.5 / 15
	Ceiling Thickness (in): 3/8 or 1/2 or 9/16
	Min. Recessing Depth (mm): 200
	Min. Recessing Depth (in): 7 1/8
	Light Distribution: Adjustable / Downlight
1	Weight (kg): 3.671
1	Weight (lbs): 8.093
	Installation Requirement: Requires 2 Housings - See Components
	Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /

COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum Die Cast Cut-out Measurements: 342mm / 13 7/16" x 175mm / 6 7/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 83.8
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Recessed Housing
Driver Type: Constant Current - Universal
Housing: See components
Input Voltage (V): 120 - 277
Constant Current (MA): 1050

LED

Number of LEDs: 2	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 8070 / 8260 / 8673 / 8850	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

Reflector°: 12 / 24 / 40

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20

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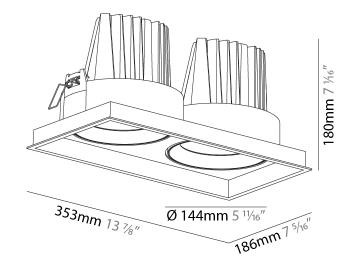
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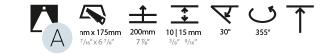
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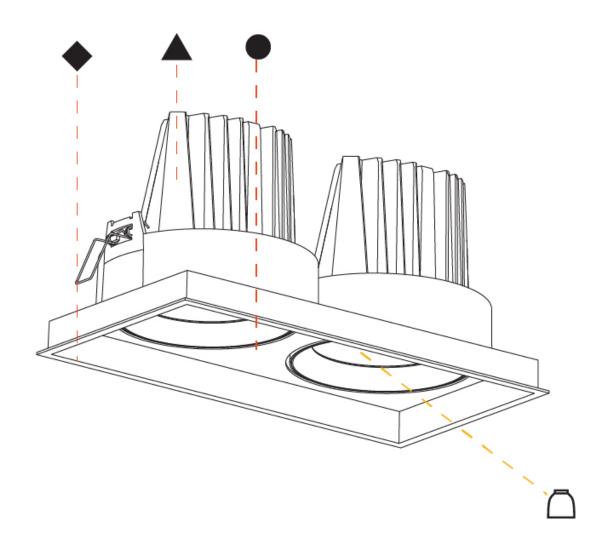
MECHANIQ SQUARE COMFORT DOUBLE

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A35100-

PROJECT

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SPECIFIER			
QUANTITY			
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MECHANIQ SQUARE COMFORT

COLOR FINISH CHART

Fixture Finish

PROJECT

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ТҮРЕ		
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QUANTITY		
DATE		

Sparkling Silver - 01 (SSR)	Black Velvet - 02 (BKV)	Crystal White - 03 (CWI)	Creamy - 04 (CRY)	Hampton Bay - 05 (HAB)	Urban Forest - 07 (UFT)
In the Army - 08 (ITA)	Rusty Angel - 09 (RUA)	Fade to Gray - 12 (FTG)	Mysterious Gray - 13 (MYG)	Lost Dream - 15 (LOD)	Purple Sky - 16 (PUS)
Fresh Oh - 17 (FRO)	Funky P 18 (FUP)	Kissing Aphrodite - 19 (KIA)	Poseidon's Paradise - 20 (POP)	Blue Sky - 21 (BLS)	Spring Green - 22 (SPG)
Mellow Yellow - 23 (MEY)	Golden Heart - 24 (GOH)	Gun Metal - 25 (GUM)	Champagne Cream - 26 (CHC)	Copper Mine - 27 (COM)	Ancient Bronze - 28 (ABZ)
Jazz Gold - 29 (JAG)	Olive Breeze - 30 (OBR)	Moonlight Silver - 31 (MOS)	Rosewood Red - 32 (ROR)		

Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles which ensures a highly individual effect and no luminaire being identical. Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.

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LEGEND

MECHANIQ SQUARE COMFORT

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

↓	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	ĸ	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	Ĩ	lens	(¥)	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	Ó	free individual colors 01-29		drive on
ď	the supplied jig specifies the cutout dimensions	Ĩ	individual colors: 00 (free of charge), 01-25 (extra charge)	B sc	Dark Sky Compliance
(++) M	minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
£	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
[↓	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)	(ه)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
6	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
R	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
・ ツ	sensor	D	direct diffuser	c.(H) us	UL Certified to UL and CSA Standards
	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	(CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	2	Certified for North American Standards

IP RATING

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
1954	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
1965	protected against ingress of dust protected against jets of water
1966	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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