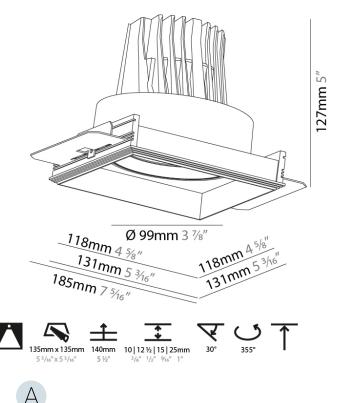
A35013-

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

base number	LED	Color	Finishes	Finishes	Finishes	Ceiling
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness
the base mod	el # product	1 0				
		luct code on th ie font and add				
	Delow III Dil	ie ioni unu uu	u une suntx u	o une buse nin	ouer#	
GENERAL						
Series: Mecha	· · ·					
Subseries: Me		are Comfort S	ingle			
Brand: Prolich						
Division: Arch						
Mounting Typ Mounting Loc		α				
Subcategory:		'5				
	Dominght					
PHYSICAL						
Shape: Squar						
Diameter (mn	7					
Diameter (in):						
Length (mm):						
Length (in): 5	10					
Width (mm): 1						
Width (in): 5 ½						
Height (mm):	129					
Height (in): 5	() .	0 140 145 105				
Ceiling Thickr						
Ceiling Thickr Min. Recessin			ori			
	• • •					
Min. Recessin		_	tht			
Light Distribu Weight (kg): 0		able / Downlig	siit			
Weight (lbs): 1						
Fixture Finish LOD / PUS / FI COM / ABZ / J	: SSR / BKV , RO / FUP / K	IA / POP / BLS				
Fixture Materi	ial: Aluminu	m Die Cast				
Cut-out Meas	urements: 1	35mm / 5 5/16	5" x 135mm /	/ 5 5/16"		
Upon Reques	t: Unique Ce	eiling Thicknes	ss			
ELECTRICAL						
Lamp Type: L	ED (Zhaga S	tandard)				
Input Wattage						
Total Output	Wattage (W)	: 12.1 (2700K)	/ 14.7			
		Dimming and	Phase Dimn	ning (120Vac	: only)	
and 0-10V Din						
Driver Include						
Driver Locatio						
		rrent - Univers	ai			
Driver Class: 0		~				
Housing: See Input Voltage	•					
Constant Curi						
	ent (MA). 5.	00				
LED						
Number of LE		200 / 2000 / 20	E00 / 4000			
		2700 / 3000 / 3				
Max. Delivere	u Lumen (In	1): 030 / 930 / 1	1009 / 1030			
CRI: >90 CRI	-). E0000					
Lamp Life (hrs		olor Temperat		unable W/bi+		
Special LED						
OPTICAL Reflector°: 8						





Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

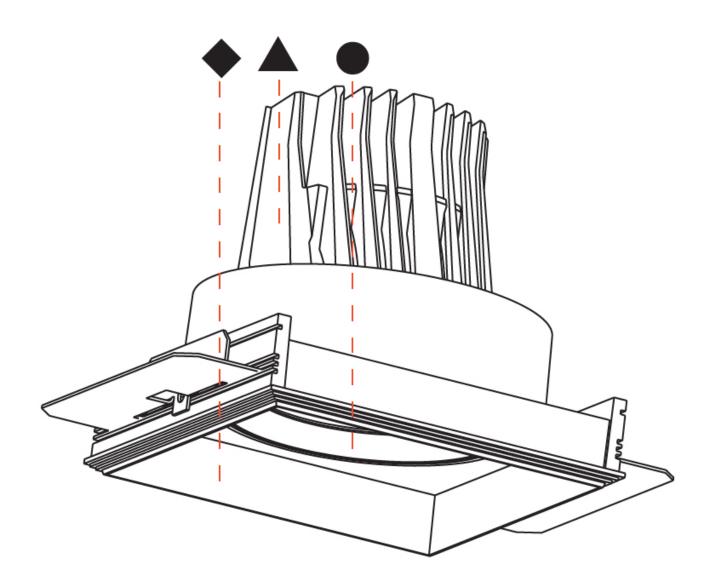
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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

TYPE		
SPECIFIER		
QUANTITY		
DATE		

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MECHANIO SOUADE COMEODT SINGLE TDIMLESS

MECHANIQ SQUARE COMFORT SINGL	L IKIMLE33	
A35016		DATE
	Coiling Dofloctor	_
base number LED Color Finishes Finishes Finishes Dimming Temperature (Diamond) (Triangle) (Circle)	Ceiling Reflector Thickness 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 Single		
Brand: Prolicht		
Division: Architectural		
Mounting Type: Trimless Mounting Location: Ceiling		
Subcategory: Downlight		
PHYSICAL		
Shape: Square		
Length (mm): 131		
Length (in): $5\frac{3}{16}$		
Width (mm): 131		
Width (in): $5\frac{3}{16}$		
Height (mm): 127		
Height (in): 5		
Ceiling Thickness (mm): 10 / 12 / 15 / 25		
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1		
Min. Recessing Depth (mm): 140		
Min. Recessing Depth (in): 5 ¹ / ₂		
Light Distribution: Adjustable / Downlight		
Weight (kg): .895		
Weight (lbs): 1.97		
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: 135mm / 5 5/16" x 135mm / 5 5/16"		TAMA
Upon Request: Unique Ceiling Thickness		
ELECTRICAL		
Lamp Type: LED (Zhaga Standard)		
Input Wattage (W): 28.6		
Total Output Wattage (W): 26.4		
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)		127mm
and 0-10V Dimming)		27
Driver Included: No		
Driver Location: Recessed Housing		
Driver Type: Constant Current - Universal		
Driver Class: Class 2		
Housing: See components		
Input Voltage (V): 120 - 277		
Constant Current (MA): 700		
LED		
Number of LEDs: 1		_1 _{18m} Ø 99mm 3 ⁷ / ₈ "
Color Temperature (°K): 2700 / 3000 / 3500 / 4000		$\frac{118 \text{mm} 458''}{131 \text{mm} 458''} = 18000 \text{mm} 456''$
Max. Delivered Lumen (lm): 2210 / 2270 / 2391 / 2440		
CRI: >90 CRI		185mm - 131mi
Lamp Life (hrs): 50000		185mm 7 5/16" 131mm 3.
Upon Request: Special Color Temperature RGB-W Tunable White		
Special LED		
		$ \rightarrow \bigcirc \pm \pm \checkmark \bigcirc \bigcirc \uparrow$
OPTICAL		135mm x 135mm 140mm 10 12 ½ 15 25mm 30° 355°
Reflector ^o : 18 / 26 / 40		5 ⁵ /16" X 5 ⁵ /16" 5 ¹ /2" ³ /8" ¹ /2" ⁹ /16" 1"
Adjustability: Rotational 355°; Tilt 30°	4	Δ
Upon Request: Special Beam Angles	F	

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Page 3/10

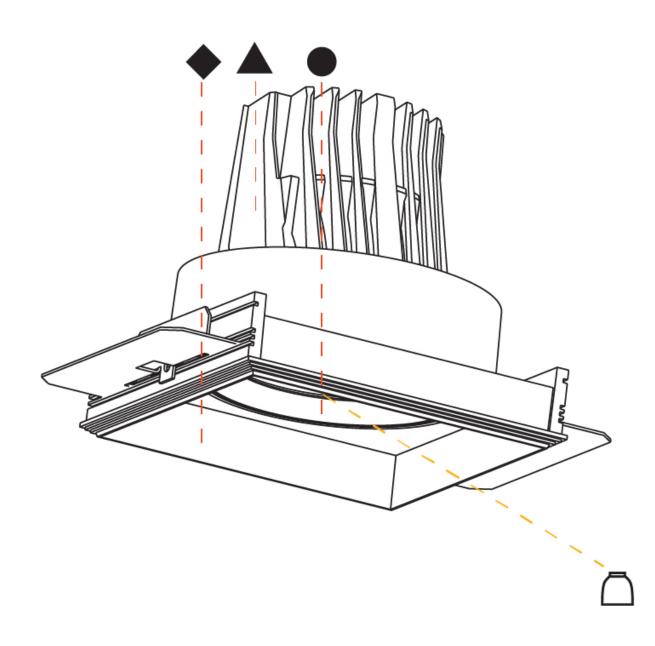


TYPE SPECIFIER QUANTITY

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

A35016-



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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

base number	LED	Color	Finishes	Finishes	Finishes	Ceiling			
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness			
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

A35019base number LED

GENERAL	
Series: Mechaniq Square Comfort	
Subseries: Mechaniq Square Comfort Single	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 180	
Length (in): 7 ¹ / ₁₆	
Width (mm): 180	
Width (in): $7\frac{1}{16}$	
Height (mm): 180	
Height (in): $7\frac{1}{16}$	
Ceiling Thickness (mm): 10 / 12 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1	
Min. Recessing Depth (mm): 200	
Min. Recessing Depth (in): $7\frac{7}{8}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 2.114	
Weight (lbs): 4.65	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / M	YG
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CH	
COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 185mm / 7 5/16" x 185mm / 7 5/16"	
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 23.1	
Total Output Wattage (W): 21.2	
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	
Driver Class: Class 2	
Housing: See components	
Input Voltage (V): 120 - 277	
Constant Current (MA): 700	
LED	

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White Special LED
OPTICAL
Reflector°: 8

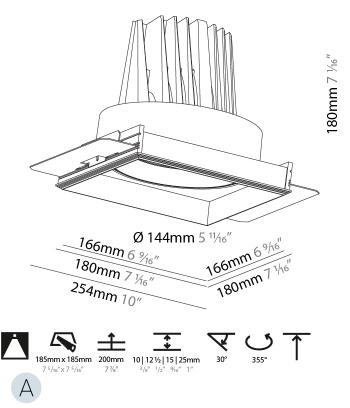
Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

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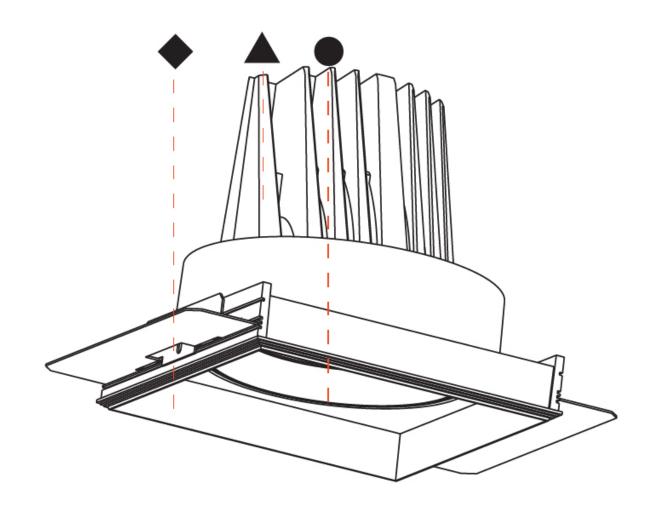


Page 5/10

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

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A35022-

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

PROJECT TYPE SPECIFIER QUANTITY DATE

A35022	-	-	-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
the base mo 2. To build a	del # produc manual pro	e in our config t page duct code on lue font and a	this datashe	et choose fr	om the		
	u below in b	lue ioni unu u	iuu ine sum	to the buse	mouel#		
GENERAL		c ()					
Series: Mech			Circula				
Brand: Proli		uare Comfort	Single				
Division: Arc							
Mounting Ty		<u> </u>					it -
Mounting Lo							
Subcategory		-					
PHYSICAL	U						
Shape: Squa	are						
Length (mm							
Length (in):							
Width (mm):							
Width (in): 6							
Height (mm)	10						
Height (in): 7							
		10 / 12.5 / 15	/ 25				
		/8 or 1/2 or 9/					
Min. Recessi			10 01 1				
Min. Recessi		-					
		table / Down	light				
Weight (kg):	-		0				
Weight (lbs):							
	FRO / FUP /	/ / CWI / CRY / KIA / POP / BI MOS / ROR					
Fixture Mate							
Cut-out Mea	surements:	185mm / 7 5/	16" x 185mı	n / 7 5/16"			M M M
Upon Reque	st: Unique C	eiling Thickn	ess				
ELECTRICAL	L						
Lamp Type:	LED (Zhaga	Standard)					//e,"
Input Wattag	ge (W): 46.2						
Total Outpu	t Wattage (V	V): 41.9					
and 0-10V Di	imming)	n-Dimming ar	nd Phase Dir	nming (120	Vac only)		130mm
Driver Incluc							
Driver Locat							
		urrent - Unive	ersal				
Driver Class:							
Housing: See							
Constant Cu							
		2000					
LED							$\frac{166}{100}$ 0 144mm 5 $\frac{11}{16''}$
Number of L		2700 / 3000 /	3500 / 4000				$ \begin{array}{c} 0 144 \text{mm} 5 \frac{11}{160} \\ \hline 180 \text{mm} 6 \frac{9}{16} \\ \hline 180 \text{mm} 7 \frac{1}{160} \\ \hline 254 \text{mm} 10 \\ \end{array} $
		m): 4030 / 413					180mm 7 1/6" 166mm 7 1/6"
CRI: >90 CRI	eu Lumen (l	111). 4030 / 413	JU / 4352 / 4	720			254mm 10" 180mm
Lamp Life (h	rs): 50000						10"
· · · · · · · · · · · · · · · · · · ·		Color Tempera	ature RGB-V	V Tunable W	/hite		
OPTICAL							185mm x 185mm 200mm 10 12 ½ 15 25mm 30° 355°
Reflector°: 1							7 5/16" X 7 5/16" 7 7%" 3/8" 1/2" %16" 1"
		l 355°; Tilt 30°					Δ
Upon Reque	st: Special E	Beam Angles					
DATINGS AN		ATIONS					

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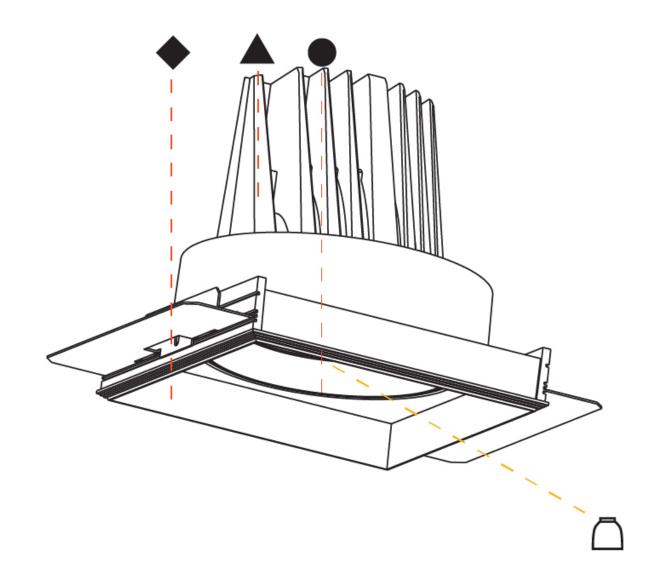
Page 7/10

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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS	
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A35022-

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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June 30, 2024, 7:13 am

Page 8/10



MECHANIQ SQUARE COMFORT

COLOR FINISH CHART

Fixture Finish

PROJECT

PROJECT			
TYPE			
SPECIFIER			
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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Page 9/10



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	Æ	illuminate tilted	Ø	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
Ä	direct light distribution	Δ	reflector degree selection	ĸ	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	¥.	lens		efficacy (lumens per watt)
	asymmetric light distribution	Ð	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	Ċ	free individual colors 01-29	۲	drive on
۲	the supplied jig specifies the cutout dimensions	ů).	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	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
1	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	(ه)	100
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	٠	luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
প	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
Ĩ	remote control	\odot	ball-proof (upon request)	S	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	Z	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
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	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)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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