### **MECHANIQ SQUARE COMFORT SINGLE RECESSED**

#### A35085-

Finishes Finishes base number Color 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 #

#### GENERAL

GENERAL	
Series: Mechaniq Square Comfort	
Subseries: Mechaniq Square Comfort Single	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 186	
Length (in): 7 <sup>5</sup> ∕₁₅	
Width (mm): 186	
Width (in): 7 <sup>5</sup> / <sub>16</sub>	
Height (mm): 180	
Height (in): 7 <sup>1</sup> / <sub>16</sub>	
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 <sup>7</sup> / <sub>8</sub>	
Light Distribution: Adjustable / Downlight	
Weight (kg): 1.88	
Weight (lbs): 4.14	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MI COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 175mm / 67/8" x 175mm	/ 6 7/8"
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Total Output Wattage (W): 21.2	
Dimming: Tri-Mode (Non-Dimming and Phase Dir and 0-10V Dimming)	nming (120Vac only)
Driver Included: No	
Driver Location: Recessed Housing	
Driver Type: Constant Current - Universal	
Housing: See components	

Constant Current (MA): 700 LED

#### Number of LEDs: 1

Input Voltage (V): 120 - 277

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

#### OPTICAL

Reflector°: 8

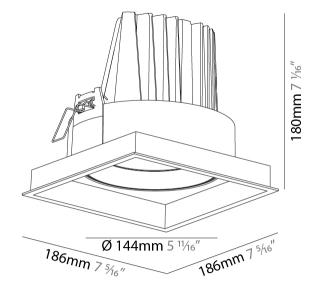
Adjustability: Rotational 355°; Tilt 30°

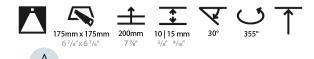
#### **RATINGS AND CERTIFICATIONS**

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

PROJECT				
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SPECIFIER				
QUANTITY				
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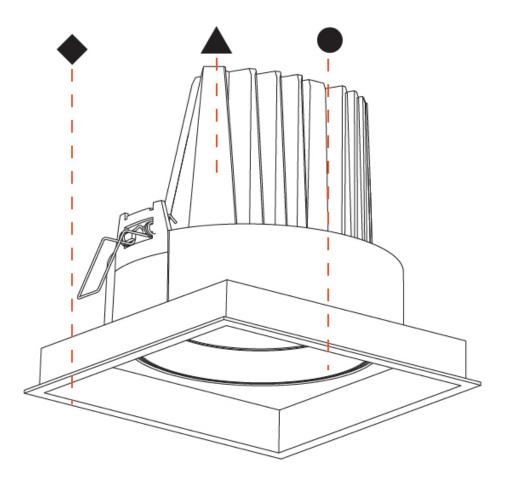
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MECHANIQ SQUARE COMFORT SINGLE RECESSED	
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A35085-

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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	niq Square Comfort
Subseries: Me	chaniq Square Comfort Single
Brand: Prolich	nt
Division: Arch	itectural
Mounting Typ	e: Recessed
Mounting Loc	ation: Ceiling
Subcategory:	Downlight
PHYSICAL	
Shape: Square	e
Length (mm):	186
Length (in): 7	5/ <sub>16</sub>
Width (mm): 1	186
Width (in): 7 ½	16
Height (mm):	180
Height (in): 7 1	1/ <sub>16</sub>
Ceiling Thickr	ness (mm): 10 / 12.5 / 15
Ceiling Thickr	ness (in): 3/8 or 1/2 or 9/16
Min. Recessin	g Depth (mm): 200
Min. Recessin	g Depth (in): 7 1/8
Light Distribu	tion: Adjustable / Downlight
Weight (kg): 1	.88
Weight (lbs): 4	4.14
	: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
	RO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
	AG / OBR / MOS / ROR
	ial: Aluminum Die Cast
Cut-out Measi	urements: 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 Dim	Mode (Non-Dimming and Phase Dimming (120Vac only) nming)
Driver Include	ed: No
Driver Locatio	on: Recessed Housing
	Constant Current - Universal
Housing: See	components
Input Voltage	(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

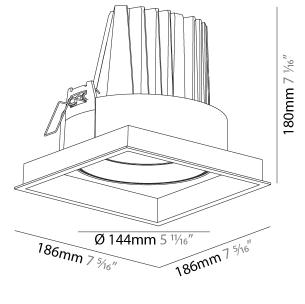
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# PROJECT TYPE SPECIFIER QUANTITY DATE





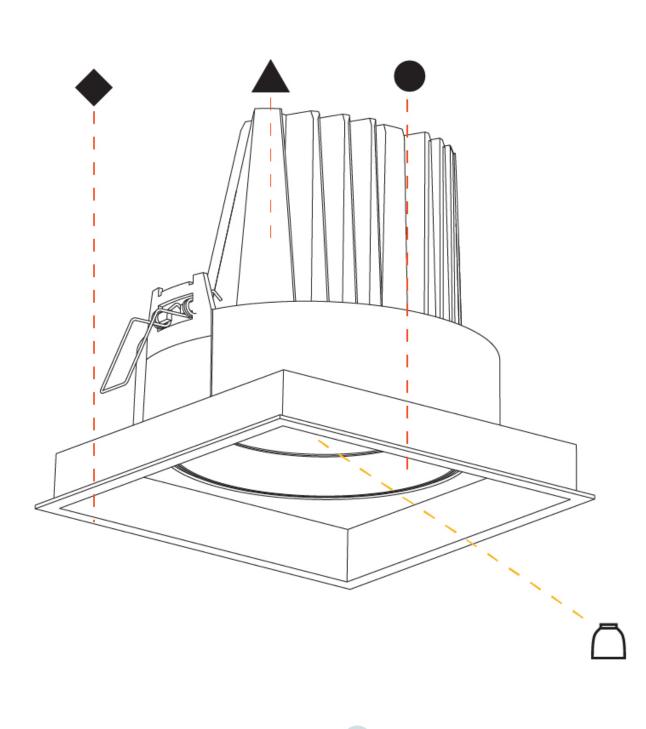


**MECHANIQ SQUARE COMFORT SINGLE RECESSED** 

PROJECT

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DATE		

A35088-



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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 #

#### GENEDAL

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 1/8	
Width (mm): 186	
Width (in): 7 <sup>5</sup> / <sub>16</sub>	
Height (mm): 180	
Height (in): 7 <sup>1</sup> / <sub>16</sub>	
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	
Weight (kg): 3.671	
Weight (lbs): 8.093	
Installation Requirement: Requires 2 Housings - See Co	omponents
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA /	

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

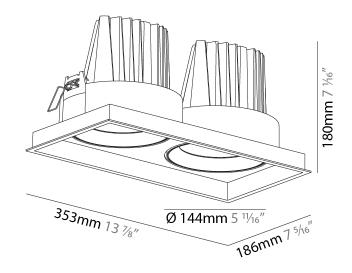
Certified By: Certified for North American Standards IP rating: IP20

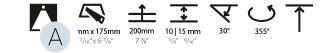
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PROJECT			
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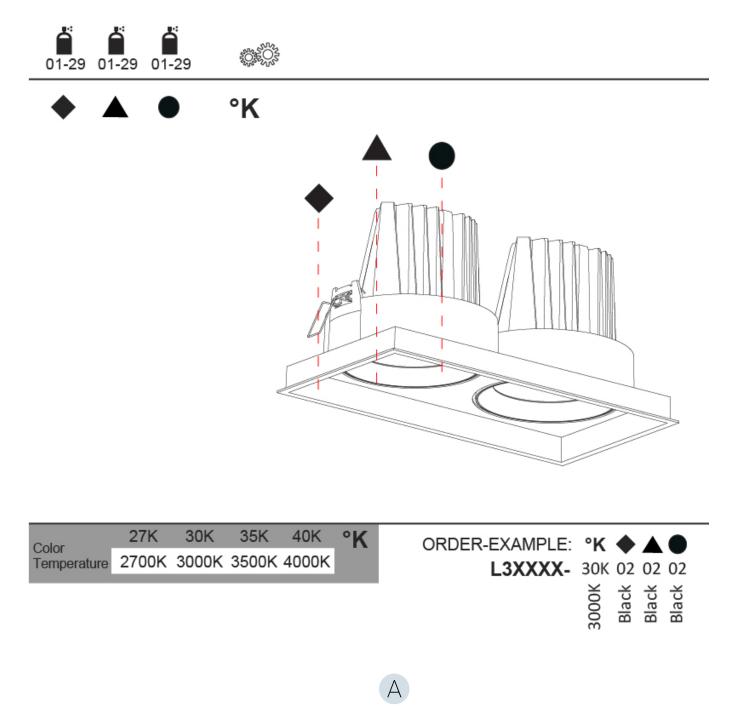
### **MECHANIQ SQUARE COMFORT DOUBLE**

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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 <sup>5</sup> / <sub>16</sub>	
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 $\frac{7}{8}$	
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 / MY LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHO	

COM / ABZ / JAG / OBR / MOS / ROR

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

FI F	CTR	ICAL

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	
ΟΡΤΙCΑΙ	

#### OPTICAL

Reflector°: 12 / 24 / 40

#### RATINGS AND CERTIFICATIONS

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

80mm 7 ¼6" 353mm 13 7/8" Ø 144mm 5<sup>1</sup>/<sub>16</sub>" 186mm7 5/16"

		ᆂ	*	$\overline{\mathbf{x}}$	J	1
<b>L</b> A	nm x 175mm <sup>7</sup> /16″ x 6 <sup>7</sup> /8″	<b>200mm</b> 7 %″	10   15 mm 3/8" 9/16"	30°	355°	1

PROJECT	
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SPECIFIER	
QUANTITY	
DATE	



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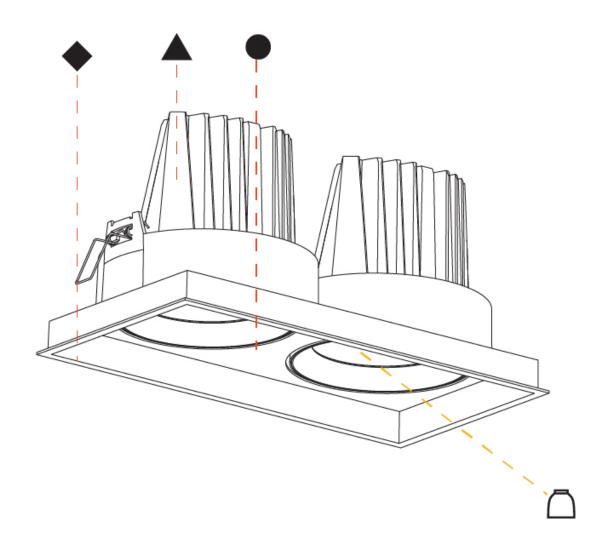
## MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35100-

PROJECT
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TYPE			
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September 26, 2024, 5:06 am

### **MECHANIQ SQUARE COMFORT**

**COLOR FINISH CHART** 

**Fixture Finish** 

PROJECT

PROJECT		
ТҮРЕ		
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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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)	<b>DSC</b>	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)		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
У	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>シ</b>	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
Ĩ	remote control	$\odot$	ball-proof (upon request)	<b>S</b>	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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