MECHANIQ ROUND RECESSED

A35037-

| base number Color Finishes Temperature (Diamond | FinishesFinishesd)(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

| Series: Mechaniq Round |
|---|
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 130 |
| Diameter (in): 5 1/8 |
| Height (mm): 108 |
| Height (in): $4\frac{1}{4}$ |
| Ceiling Thickness (mm): 10 / 12.5 / 15 |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 |
| Min. Recessing Depth (mm): 130 |
| Min. Recessing Depth (in): $5\frac{1}{8}$ |
| Light Distribution: Adjustable / Downlight |
| Weight (kg): 0.707 |
| Weight (lbs): 1.56 |
| 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: 120mm / 4 3/4" |
| |

ELECTRICAL

| Lamp Type: LED (Zhaga Standard) |
|---|
| Total Output Wattage (W): 12 / 15 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) |
| Driver Included: No |
| Driver Location: Recessed Housing |
| Driver Type: Constant Currant - Universal |
| Housing: See components |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 350 |
| |

LED

| Number of LEDs: 1 | |
|--|------|
| Color Temperature (°K): 2700 / 3000 / 3500 / 4 | 4000 |
| Max. Delivered Lumen (lm): 830 / 930 / 1010 / | 1030 |
| | |

| CRI: >90 CRI | |
|------------------------|--|
| Lamp Life (hrs): 50000 | |

OPTICAL

Reflector°: 8

| Adjustability: Rotational 355°; Tilt 30° | |
|--|--|
| najustusinty. Notational 555 ; The 50 | |

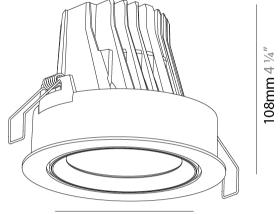
RATINGS AND CERTIFICATIONS

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



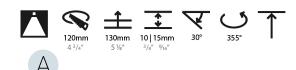
| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |





Ø 99mm 3 7/8"

Ø 130mm 5 1/8"



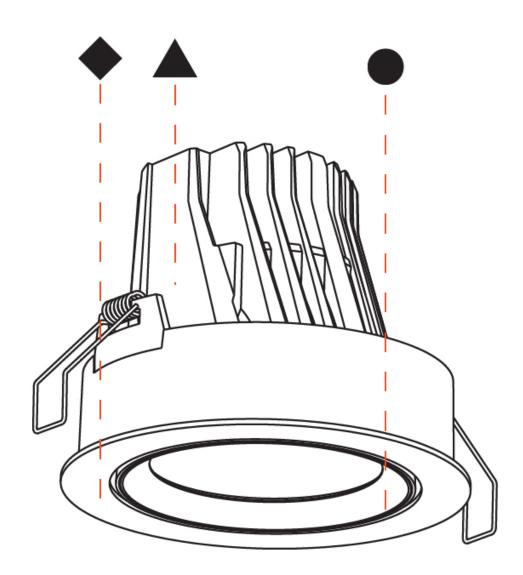
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MECHANIQ ROUND RECESSED

A35037-

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |



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MECHANIQ ROUND RECESSED

A35040-

| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector 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 Round | |
|---|-----------------|
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Downlight | |
| PHYSICAL | |
| Shape: Round | |
| Diameter (mm): 130 | |
| Diameter (in): 5 $\frac{1}{8}$ | |
| Height (mm): 108 | |
| Height (in): 4 ¼ | |
| Ceiling Thickness (mm): 10 / 12.5 / 15 | |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 | |
| Min. Recessing Depth (mm): 130 | |
| Min. Recessing Depth (in): 5 ¹ / ₈ | |
| Light Distribution: Adjustable / Downlight | |
| Weight (kg): 0.707 | |
| Weight (lbs): 1.56 | |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / COM / ABZ / JAG / OBR / MOS / ROR | |
| Fixture Material: Aluminum Die Cast | |
| Cut-out Measurements: 120mm / 4 3/4" | |
| ELECTRICAL | |
| Lamp Type: LED (Zhaga Standard) | |
| Input Wattage (W): 28.6 | |
| Total Output Wattage (W): 26 | |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimmi | ng(120)/aconly) |

| Total Output Wattage (W): 26 | |
|---|-----------------|
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming and 0-10V Dimming) | g (120Vac only) |
| 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 ⁻ | Tempe | rature | (°K): 2 | 700 / | / 3000 / | 3500 | / 4000 | |
|--------------------|-------|--------|---------|-------|----------|------|--------|--|
| | | | | | | | | |

Max. Delivered Lumen (lm): 2960 / 3030 / 3185 / 3250 CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 18 / 26 / 40

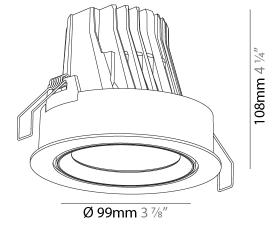
Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

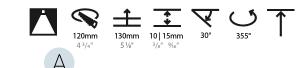
Certified By: Certified for North American Standards IP rating: IP20

| SPECIFIER | | | |
|-----------|--|--|--|
| QUANTITY | | | |
| DATE | | | |
| | | | |





Ø 130mm 5 1/8"



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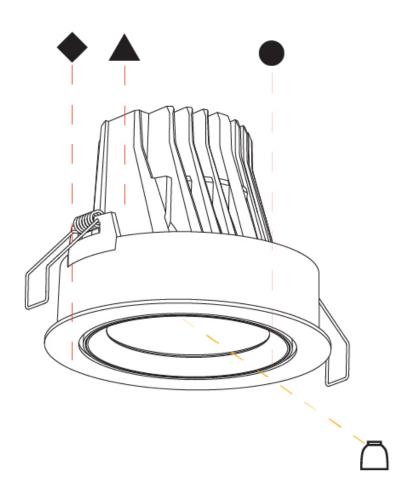
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MECHANIQ ROUND RECESSED

A35040-

PROJECT

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |



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October 20, 2024, 6:55 pm

MECHANIQ ROUND RECESSED

A35043-

| 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

| Series: Mechaniq Round |
|---|
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 182 |
| Diameter (in): $7\frac{3}{16}$ |
| Height (mm): 155 |
| Height (in): $6\frac{1}{8}$ |
| Ceiling Thickness (mm): 10 / 12.5 / 15 |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 |
| Min. Recessing Depth (mm): 180 |
| Min. Recessing Depth (in): 7 $\frac{1}{16}$ |
| Light Distribution: Adjustable / Downlight |
| Weight (kg): 1.727 |
| Weight (lbs): 3.81 |
| 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: 180mm / 7 1/16" |

ELECTRICAL

| Lamp Type: LED (Zhaga Standard) |
|---|
| 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 |
| 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 |
| Max. Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600 |

| lamp Life (brs): 50000 | CRI: >90 CRI |
|------------------------|------------------------|
| Lamp Life (ms). 50000 | Lamp Life (hrs): 50000 |

OPTICAL

Reflector°: 8

Adjustability: Rotational 355°; Tilt 30°

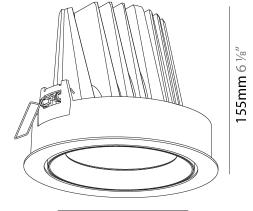
RATINGS AND CERTIFICATIONS

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

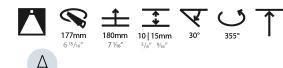


| DATE | | | | |
|-----------|--|--|--|--|
| QUANTITY | | | | |
| SPECIFIER | | | | |
| TYPE | | | | |
| PROJECT | | | | |





Ø 144mm 5 11/16" Ø 182mm 7 3/16"



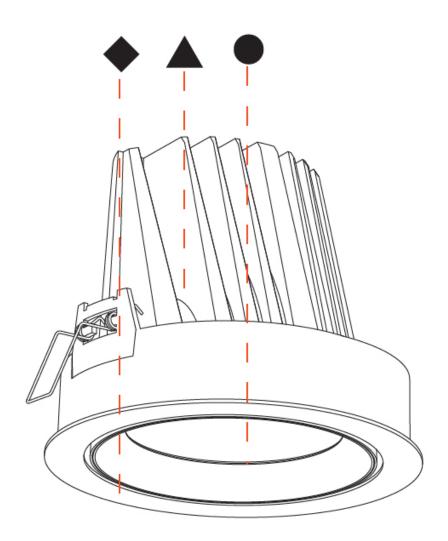
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MECHANIQ ROUND RECESSED

A35043-

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |



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Д

MECHANIQ ROUND RECESSED

A35046-

| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector 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 Round |
|---|
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 182 |
| Diameter (in): 7 ³ / ₁₆ |
| Height (mm): 155 |
| Height (in): 6 ¹ / ₈ |
| Ceiling Thickness (mm): 10 / 12.5 / 15 |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 |
| Min. Recessing Depth (mm): 180 |
| Min. Recessing Depth (in): $7\frac{1}{16}$ |
| Light Distribution: Adjustable / Downlight |
| Weight (kg): 1.736 |
| Weight (lbs): 3.83 |
| 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: 177mm / 6 15/16" |
| ELECTRICAL |
| Lamp Type: LED (Zhaga Standard) |
| |

| Input Wattage (W): 46.2 |
|---|
| Total Output Wattage (W): 41.9 |
| 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): 1050 |
| |

LED

Number of LEDs: 1

| Color | Temp | perature | (°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

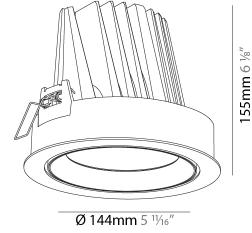
Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

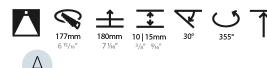
Certified By: Certified for North American Standards IP rating: IP20

| PROJECT | |
|-----------|--|
| ТҮРЕ | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |





Ø 182mm 7 ³/16"



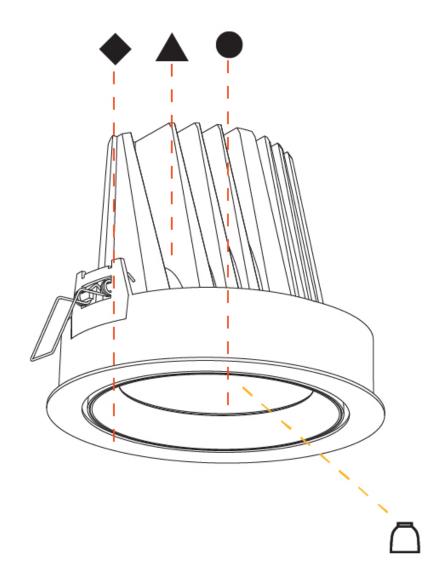
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MECHANIQ ROUND RECESSED

A35046-

| PROJECT | | |
|-----------|--|--|
| ТҮРЕ | | |
| SPECIFIER | | |
| QUANTITY | | |
| DATE | | |



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MECHANIQ ROUND

COLOR FINISH CHART

Fixture Finish

| 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.

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.



MECHANIQ ROUND

PROJECT

SPECIFIER

QUANTITY

DATE

LEGEND

| <u>↓</u> | floor-mounted | ¥ | pivotable | \circledast | 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 |
| \uparrow | ceiling-mounted and wall-mounted | ¥ | illuminate tilted | 0 | rechargeable battery powered |
| \rightarrow | wall-mounted | T | color of suspension cable | 1111 1140 | 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 | °К | color temperature |
| X | direct/indirect light distribution | s s | super spot | LM | lumen (luminous flux) |
| Y | indirect light distribution | * | lens | (₩ | efficacy (lumens per watt) |
| | asymmetric light distribution | 8 | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| | 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 |
| L7 | square wall or ceiling cut-out | Ċ | free individual colors 01-29 | ۲ | drive on |
| d d | the supplied jig specifies the cutout dimensions | í. | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC | Dark Sky Compliance |
| (] + + | 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 |
| 1 | ceiling thickness selection | | luminaire part to be colored (F4) | ۥ | acoustic material |
| | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | | luminaire part to be colored (F5) | | protection class l, protection insulation |
| 6 | 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 |
| • | sensor | D | direct diffuser | c (UL) us | UL Certified to UL and CSA Standards |
| | remote control | \odot | ball-proof (upon request) | <u>ج</u> | CSA Certified to UL and CSA Standards |
| 2 | available upon request | 0 | accessory | \mathbb{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) |
| 1940 | 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 |
| 1965 | 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

| КОТ | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface) |
|------|---|
| КО2 | 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) |
| КО4 | 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) |