OLODUM RECESSED

E10I0047-

ase number	Color
	Temperature

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

BA Options

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: Olodum	
Brand: Side	_
Division: Exterior	_
Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Drive Over	_
PHYSICAL	
Shape: Round	
Diameter (mm): 220	
Diameter (in): $8^{11}/_{16}$	
Height (mm): 242	
Height (in): $9\frac{1}{2}$	
Light Distribution: Adjustable / Direct	
Weight (kg): 3.8	_
Weight (lbs): 8.38	
Diffuser: Clear tempered glass	_
Fixture Finish: SSS	
Fixture Material: Aluminum Die Cast	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 20	
Total Output Wattage (W): 17	
Dimming: Non-Dimming / Phase Dimming (120vac Only)	
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / (Included) Integral: Phase dimming @120Vac only / 277Vac	
IFD	

LED

Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 2434.9 / 2607.5	
Nominal Lumen (lm): 2750 / 2945	
CRI: >80 CRI	
Lamp Life (hrs): 50000	

OPTICAL

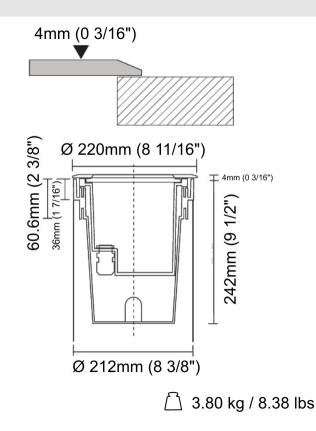
Reflector^o: Metallised polycarbonate reflector - Pivoting 350° and adjustable +/- 15° reflector Optic^o: 15 / 45 / 65 / ASY

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK10

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





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

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F

Page 1/14

OLODUM RECESSED

E10I0047-

	165 180 165 165 165 165 165 165 165 165	150 135 120 105 90 90 75 60 45 30 cd/1000 la
30	15 644 0 15	30 cd/1000 lm C0/C180 C90/C270





PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

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Ε

OLODUM RECESSED

E10|0059-

base number Color Temperature

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

BA Options

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: Olodum	
Brand: Side	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Uplight	
PHYSICAL	
Shape: Round	
Diameter (mm): 220	
Diameter (in): 8 ¹¹ / ₁₆	
Height (mm): 242	
Height (in): 9 ¹ / ₂	
Light Distribution: Adjustable / Direct	t
Weight (kg): 3.8	
Weight (lbs): 8.38	
Diffuser: Clear tempered glass	
Gasket: Silicon rubber	
Fixture Finish: SSS	
Fixture Material: Aluminum Die Cast	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 20	
Total Output Wattage (W): 17	
Dimming: Tri-Mode (Non-Dimming a and 0-10V Dimming)	nd Phase Dimming (120Vac only)
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - Unive	ersal
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	
Upon Request: (Not included - see co enclosure to be supplied by others]) (Included) Integrals Phase dimming (Remote: 0-10Vdc dimming /
(Included) Integral: Phase dimming (juzovac only / ZTIVac
I ED	

LED

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 2434.9 / 2607.5
Nominal Lumen (lm): 2750 / 2945
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector [®] : Polycarbonate metallized reflector
Reflector*: Polycarbonate metallized reflector Optic*: 15 / 45 / 65 / ASY

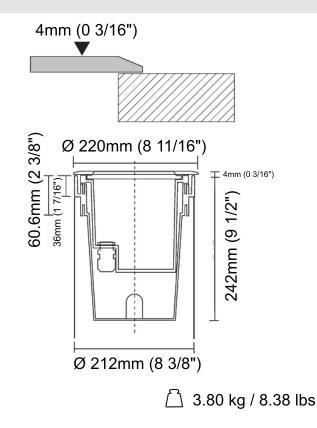
Certified By: Certified for North American Standards

IP rating: IP67	
IK Rating: IK10	_

PROJ	E

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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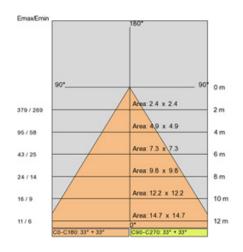
F

OLODUM RECESSED

E10I0059-

105 105 90 75 60 45 30	165 180 165 165 165 165 165 165 165 165	150 135 120 105 90 90 45 60 45
30	15 644 0 15	30 cd/1000 lm C0/C180 C50/C270





PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

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Ε

OLODUM ROUND RECESSED

E10I0071-

base number	Color
	Temperature

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

BA Options

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: Olodum
Subseries: Olodum Round
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Uplight
PHYSICAL
Shape: Round
Diameter (mm): 130
Diameter (in): 5 $\frac{1}{8}$
Height (mm): 146
Height (in): 5 ³ / ₄
Light Distribution: Adjustable / Direct
Weight (kg): 1.9
Weight (lbs): 4.19
Diffuser: Clear tempered glass
Gasket: Silicon rubber
Fixture Finish: SSS
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6.8
Total Output Wattage (W): 5.8
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Input Voltage (V): 120 - 277
Constant Current (MA): 203
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimmir @120Vac only / 277Vac

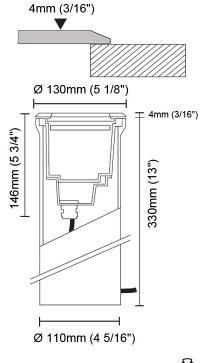
LED

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 814.5 / 868.8
Nominal Lumen (lm): 1050 / 1120
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector [°] : Metallized polycarbonate
Optic°: 15 / 30 / 45
Adjustability: Rotational 350°; Tilt ±15°
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK10

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





1.9kg / 4.19lbs

F

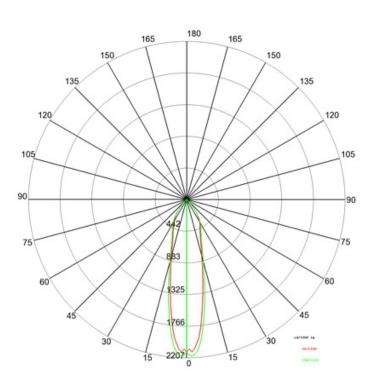
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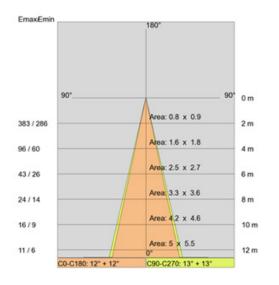
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OLODUM ROUND RECESSED

E10I0071-







PROJECT	
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SPECIFIER	
QUANTITY	_
DATE	

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OLODUM RECESSED

E10Q0040-

ase	number	

Color **BA** Options Temperature

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: Olodum
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 220
Diameter (in): 8 ¹¹ / ₁₆
Height (mm): 215
Height (in): 8 ⁷ / ₁₆
Light Distribution: Adjustable / Direct
Weight (kg): 3.6
Weight (lbs): 7.94
Diffuser: Clear tempered glass
Fixture Finish: SSS
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20
Total Output Wattage (W): 17
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / (Included) Integral: Phase dimming @120Vac only / 277Vac

LED

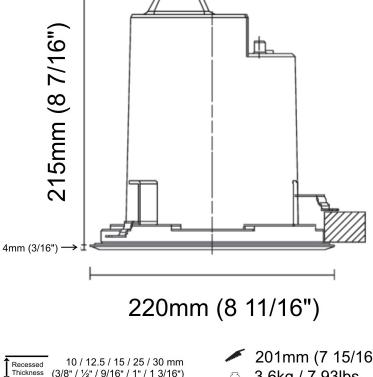
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2434.9 / 2607.5
Nominal Lumen (lm): 2750 / 2945
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector°: Polycarbonate metallized reflector
Optic°: 15 / 45 / 65 / ASY
RATINGS AND CERTIFICATIONS

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK10

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





(3/8" / 1/2" / 9/16" / 1" / 1 3/16")

🖌 201mm (7 15/16") 3.6kg / 7.93lbs R

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OLODUM RECESSED

E10Q0040-

105 105 90 75 60 45 30	165 180 165 165 165 165 165 165 165 165	150 135 120 105 90 90 45 60 45
30	15 644 0 15	30 cd/1000 lm C0/C180 C50/C270





PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

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Ε

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OLODUM RECESSED

E10Q0046-

ase	number	

Color BA Options Temperature

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: Olodum
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 220
Diameter (in): 8 ¹¹ / ₁₆
Height (mm): 215
Height (in): 8 ⁷ / ₁₆
Light Distribution: Adjustable / Direct
Weight (kg): 3.6
Weight (lbs): 7.94
Diffuser: Clear tempered glass
Fixture Finish: SSS
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20
Total Output Wattage (W): 17
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / (Included) Integral: Phase dimming @120Vac only / 277Vac

LED

OPTICAL

Reflector°: Polycarbonate metallized reflector	

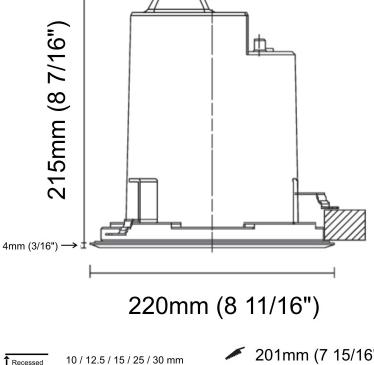
Beam Angle: Spot - 15° / Flood - 45° / Wide Flood - 65° / Asymmetric	
	-

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards			
IP rating: IP67			
IK Rating: IK10			

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





10 / 12.5 / 15 / 25 / 30 mm (3/8" / ½" / 9/16" / 1" / 1 3/16")

201mm (7 15/16") 3.6kg / 7.93lbs

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Thickness

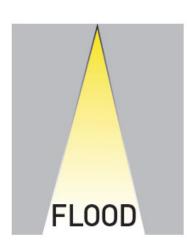
F

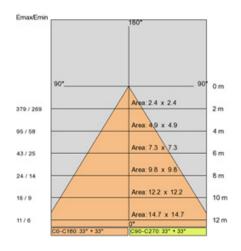
Page 9/14

OLODUM RECESSED

E10Q0046-

105 105 90 75 60 45 30	165 180 165 165 165 180 165 165 180 165 180 165 180 165 180 165 180 165 180 165 180 165 180 165 180 165 165 165 165 165 165 165 165	150 135 120 105 90 90 45 60 45 30 cd/1000 la
30	15 644 15	30 cd/1000 lm C0/C180 C90/C270





PROJECT

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ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

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Ε

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OLODUM ROUND RECESSED

E10Q0052-

base	

BA Options Color Temperature

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: Olodum	
Subseries: Olodum Round	
Brand: Side	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 130	
Diameter (in): 5 $\frac{1}{8}$	
Height (mm): 132	
Height (in): 5^{3}_{16}	
Light Distribution: Downlight	
Weight (kg): 1.450	
Weight (lbs): 3.2	
Diffuser: Clear tempered glass	
Gasket: Silicon rubber	
Fixture Finish: SSS	
Fixture Material: Aluminum Die Cast	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 6.8	
Total Output Wattage (W): 5.8	
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 203	
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimmi	ing

others]) 0-10Vdc dimming / Phase dimmi @120Vac only / 277Vac

LED

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 814.5 / 868.5	
CRI: >80 CRI	
Lamp Life (hrs): 50000	
OPTICAL	
Reflector [°] : Polycarbonate metallized reflector	
Optic°: 15 / 30 / 45	

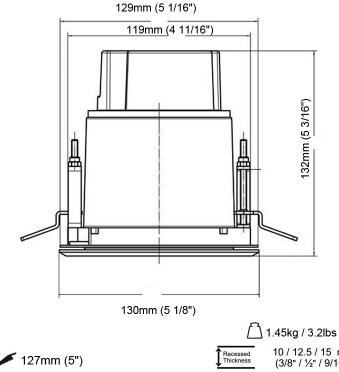
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards		
IP rating: IP67		
IK Rating: IK10		

PRO IECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





10 / 12.5 / 15 mm (3/8" / 1/2" / 9/16")

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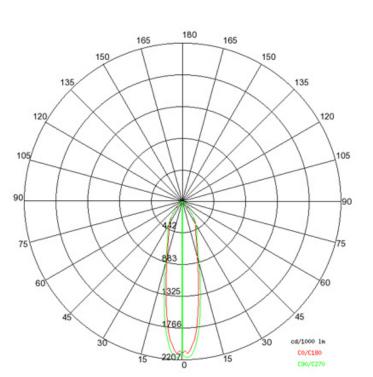
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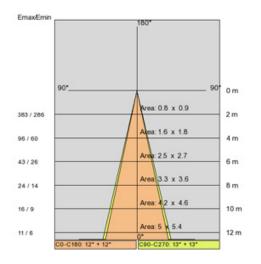
F

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OLODUM ROUND RECESSED

E10Q0052-







PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

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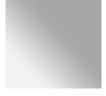
OLODUM COLOR FINISH CHART

PROJECT

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			

Fixture Finish

Satined Stainless Steel - SSS



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.

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OLODUM

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+____ 1 floor-mounted Y pivotable \circledast 1 0 wall and ceiling: recessed and surface mounted rotating warm dim / natural dimming LED Œ illuminate tilted Î ceiling-mounted and wall-mounted rechargeable battery powered Ø Ţ wall-mounted color of suspension cable fixture with natural vivid LED (upon request) -> 111 \mathbb{Y} omni-directional light distribution 1 CRI length of suspension cable color rendering index Λ direct light distribution Δ reflector degree selection °K color temperature direct/indirect light distribution s s LM) super spot lumen (luminous flux) Å Y LM indirect light distribution lens efficacy (lumens per watt) asymmetric light distribution Q UGR Unified Glare Rating (UGR) range from 5-40 lens pack 0 ÷ marine grade (AISI 316 stainless steel) Ă aura light distribution shine ring 9 round wall or ceiling cut-out lacksquareintegrated shine ring with diffuser 1 walk on 5 square wall or ceiling cut-out Ö free individual colors 01-29 . drive on individual colors: 00 (free of charge), 01-25 (extra d Ċ DSC the supplied jig specifies the cutout dimensions Dark Sky Compliance charge) Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) minimum distance (meters) lamp - object (++) luminaire part to be colored (F1) Ġ • Î lamp protected against explosion recessed depth luminaire part to be colored (F2) blown glass using traditional methods by master € ceiling thickness in mm luminaire part to be colored (F3) A glass blower T ceiling thickness selection luminaire part to be colored (F4) 1) acoustic material 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 \odot У indirect diffuser 1 separately switchable ETL Certified to UL and CSA Standards 2 sensor D direct diffuser 6 UL Certified to UL and CSA Standards 0 0 ball-proof (upon request) SP CSA Certified to UL and CSA Standards remote control U (Z)

IP RATING

available upon request

2

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
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
1967	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)
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)

Certified for North American Standards

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accessory