ZANEEN_®

MECHANIQ ROUND RECESSED

A35037-

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): 130
Diameter (in): 5 $\frac{1}{8}$
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 / 4000	
Max. Delivered Lumen (lm): 830 / 930 / 1010 / 1030	

Max. Delivered Lumen (Im): 830 / 930 / 10	10/1030
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

Reflector°: 8

Adjustability: Rotational 355°; Tilt 30°

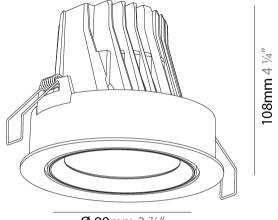
RATINGS AND CERTIFICATIONS

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



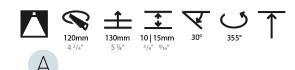
PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





Ø 99mm 3 7/8"

Ø 130mm 5 1/8"



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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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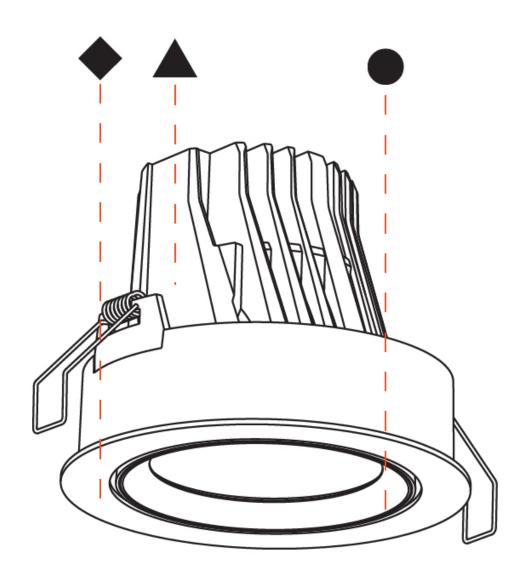
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MECHANIQ ROUND RECESSED

A35037-

PROJECT		
ТҮРЕ		
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

and 0-10V Dimming) Driver Included: No

Driver Class: Class 2 Housing: See components Input Voltage (V): 120 - 277 Constant Current (MA): 700

Number of LEDs: 1

Reflector°: 18 / 26 / 40

Adjustability: Rotational 355°; Tilt 30° RATINGS AND CERTIFICATIONS

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

OPTICAL

IP rating: IP20

LED

Driver Location: Recessed Housing Driver Type: Constant Current - Universal

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 2960 / 3030 / 3185 / 3250

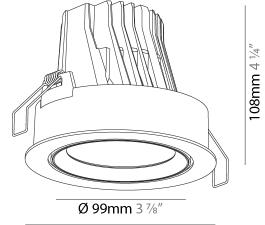
Certified By: Certified for North American Standards

Series: Mechaniq Round Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Shape: Round Diameter (mm): 130 Diameter (in): 5 ½ 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 ¼ 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) Input Wattage (W): 28.6 Total Output Wattage (W): 26 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)		
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 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 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) Input Wattage (W): 28.6 Total Output Wattage (W): 26	Series: Mechaniq Round	
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Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Shape: Round Diameter (mm): 130 Diameter (in): 5 ¹ / _s Height (mm): 108 Height (in): 4 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 ¹ / ₈ Light Distribution: Adjustable / Downlight Weight (kg): 0.707 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) Input Wattage (W): 28.6 Total Output Wattage (W): 26	Division: Architectural	
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Height (mm): 108Height (in): $4\frac{1}{4}$ Ceiling Thickness (mm): 10 / 12.5 / 15Ceiling Thickness (mm): 10 / 12.5 / 15Ceiling Thickness (in): 3/8 or 1/2 or 9/16Min. Recessing Depth (mm): 130Min. Recessing Depth (in): $5\frac{1}{8}$ Light Distribution: Adjustable / DownlightWeight (kg): 0.707Weight (kbs): 1.56Fixture 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 / RORFixture Material: Aluminum Die CastCut-out Measurements: 120mm / 4 3/4" ELECTRICAL Lamp Type: LED (Zhaga Standard) Input Wattage (W): 28.6Total Output Wattage (W): 26	Diameter (mm): 130	
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Ceiling Thickness (in): 3/8 or 1/2 or 9/16 Min. Recessing Depth (im): 130 Min. Recessing Depth (in): 5 ¹ / ₈ Light Distribution: Adjustable / Downlight Weight (kg): 0.707 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) Input Wattage (W): 28.6 Total Output Wattage (W): 26	Height (in): 4 1/4	
Min. Recessing Depth (mm): 130 Min. Recessing Depth (in): 5 ¹ / ₈ Light Distribution: Adjustable / Downlight Weight (kg): 0.707 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) Input Wattage (W): 28.6 Total Output Wattage (W): 26	Ceiling Thickness (mm): 10 / 12.5 / 15	
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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) Input Wattage (W): 28.6 Total Output Wattage (W): 26	Light Distribution: Adjustable / Downlight	
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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) Input Wattage (W): 28.6 Total Output Wattage (W): 26	Weight (lbs): 1.56	
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		
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Lamp Type: LED (Zhaga Standard) Input Wattage (W): 28.6 Total Output Wattage (W): 26	Cut-out Measurements: 120mm / 4 3/4	
Input Wattage (W): 28.6 Total Output Wattage (W): 26	ELECTRICAL	
Total Output Wattage (W): 26		
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)		
	Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac or	ıly)

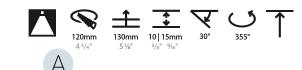
PROJECT

TYPE SPECIFIER QUANTITY DATE





Ø 130mm 5 1⁄8″



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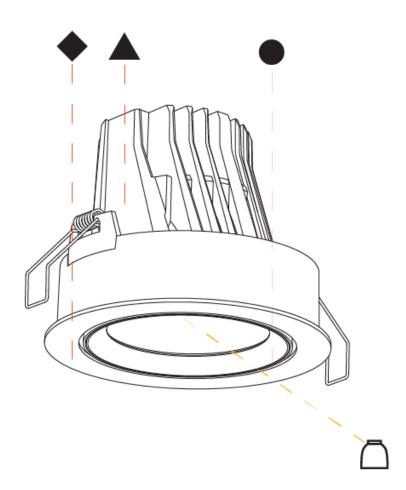
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MECHANIQ ROUND RECESSED

A35040-

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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October

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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): 144	0 / 1490 / 1568 / 1600

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 8

Adjustability: Rotational 355°; Tilt 30°

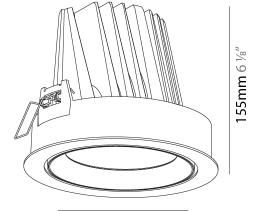
RATINGS AND CERTIFICATIONS

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

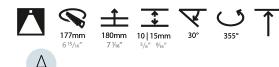


PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





Ø 144mm 5 ¹/₁₆" Ø 182mm 7 ³/₁₆"



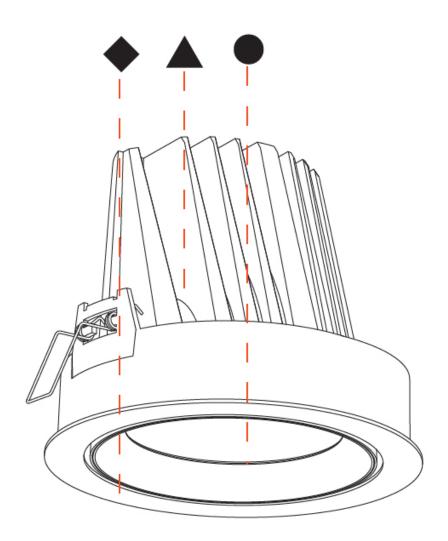
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MECHANIQ ROUND RECESSED

A35043-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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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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MECHANIQ ROUND RECESSED

A35046-

base number Color 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 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 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 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

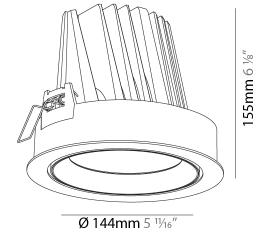
Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

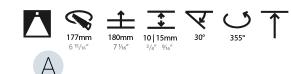
Certified By: Certified for North American Standards IP rating: IP20

QUANTITY			
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Ø 182mm 7 ³/16"



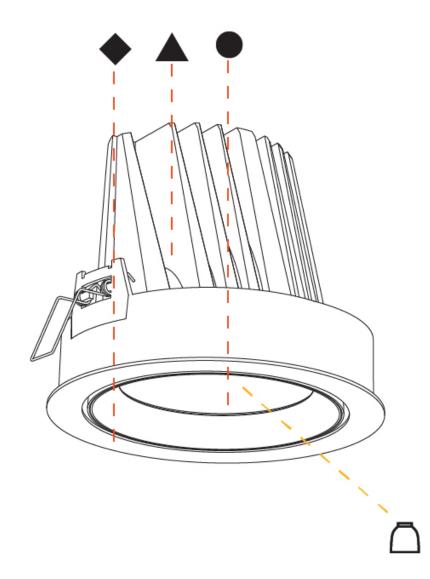
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MECHANIQ ROUND

COLOR FINISH CHART

Fixture Finish

PROJECT

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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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In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

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MECHANIQ ROUND

PROJECT

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QUANTITY

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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
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

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)