# **ZANEEN**<sub>®</sub>

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A35007-

## **MECHANIQ ROUND COMFORT TRIMLESS**

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A35007-	-				-	-	
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	_
1. To build a pri the base mode 2. To build a n options listed <b>GENERAL</b> Subseries: Mecha Subseries: Me	el # produc nanual prod below in bl niq Round chaniq Rou	t page duct code on t ue font and a Comfort	this datashe	et choose fro	om the		
Brand: Prolich							
Division: Arch	itectural						
Mounting Typ							
Mounting Loc		0					
Subcategory:	Downlight						
PHYSICAL							
Shape: Round	ł						
Diameter (mn	n): 180						
Diameter (in):	: 7 <sup>1</sup> / <sub>16</sub>						
Height (mm):	180						
Height (in): 7	1/16						
Ceiling Thickr		10 / 12 / 15 / 2	25				
Ceiling Thickr							
Min. Recessin	g Depth (m	m): 200					
Min. Recessin	g Depth (in	): 7 1/8					
Light Distribu	tion: Down	light					
Weight (kg): 2	.05						
Weight (lbs): 4	4.51						
Fixture Finish: MIC / FTG / MY MEY / GOH / G	YG / TWT / I	OD / PUS / FI	RO / FUP / K	IA / POP / BL			
Fixture Materi	ial: Alumini	um Die Cast					
Cut-out Measu	urements:	🛛 190mm / 7	1/2"				
Upon Request	t: Unique C	eiling Thickn	ess				
ELECTRICAL							
Lamp Type: Ll Input Wattage		Standard)					MATTIN
Total Output		/): 21.2					
Dimming: Tri- and 0-10V Dim		-Dimming an	d Phase Din	nming (120V	ac only)		
Driver Include							
Driver Locatio							E E
Driver Type: C		irrent - Unive	rsal				1801
Driver Class: C							18
Housing: See							
Input Voltage							
Constant Curr	rent (MA): 7	00					
LED							
Number of LE							
Color Temper							
Max. Delivered	d Lumen (lı	m): 1440 / 149	90 / 1568 / 16	500			Ø 180mm 7 1/16"
CRI: >90 CRI							213mm 8 3/8" 20mm 7 1/16"
Lamp Life (hrs							20mm
Upon Request Special LED	t: Special C	olor Tempera	ature RGB-W	Tunable Wł	nite		$213_{mm} 83_{8}$ // 180mm / $1_{16}$ // 180mm / $1_{80}$
OPTICAL							
Reflector°: 8							$ \uparrow \bigcirc \checkmark \pm \pm \checkmark \lor \land \uparrow $
Adjustability:	Rotational	355°; Tilt 30°					

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

### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP44 Zaneen Group inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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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190mm

7 1/2"

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30°

355°

200mm 10|12½|15|25mm

1/2' 3/8

7 %″



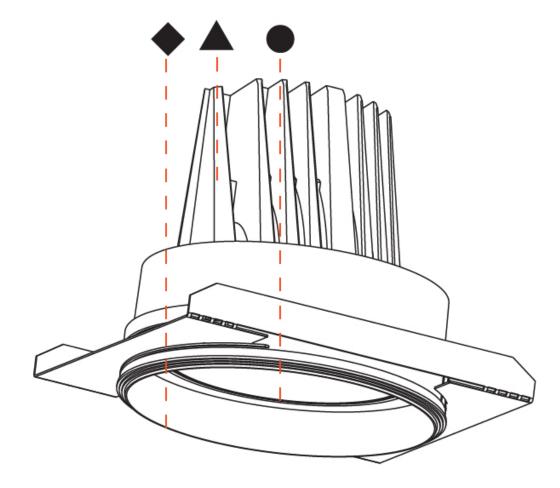
PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

## **MECHANIQ ROUND COMFORT TRIMLESS**

A35007-

PROJECT

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# **ZANEEN**<sub>®</sub>

## **MECHANIQ ROUND COMFORT TRIMLESS**

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A35010-	•			-	-		-
base number	LED	Color	Finishes	Finishes	Finishes	Ceiling	Reflector
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	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

GENERAL
Series: Mechaniq Round Comfort
Subseries: Mechaniq Round Comfort
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 180
Diameter (in): $7\frac{1}{1_{16}}$
Height (mm): 180
Height (in): 7 <sup>1</sup> / <sub>16</sub>
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): 2.048
Weight (lbs): 4.51
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 🛛 190mm / 7 1/2"
Upon Request: Unique Ceiling Thickness
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

#### LED

Number of LEDs:	1
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Constant Current (MA): 1050

Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 4030 / 4130 / 4332 / 4420	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

Upon Request: Special Color Temperature RGB-W Tunable White Special LED

### OPTICAL

Reflector°: 12 / 24 / 40

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

#### RATINGS AND CERTIFICATIONS

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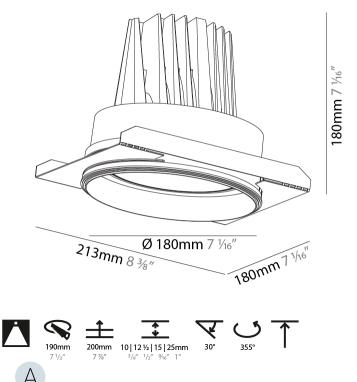
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#### PROJECT

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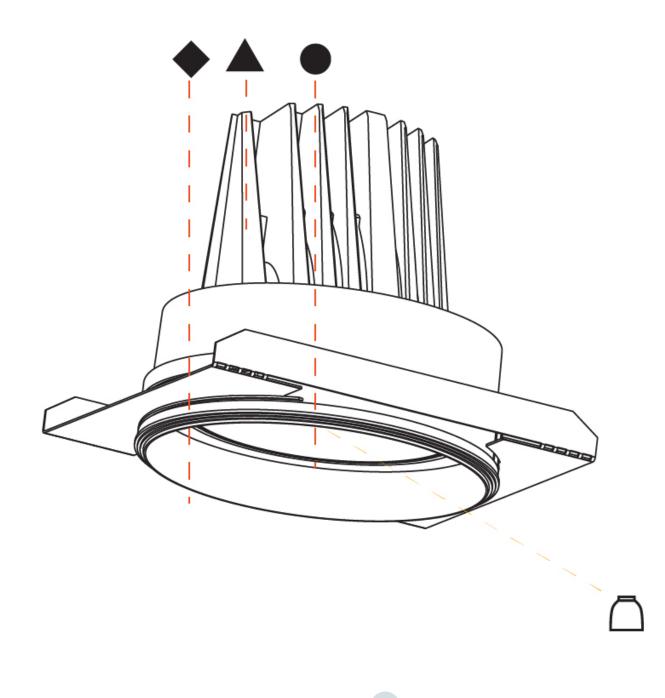


## **MECHANIQ ROUND COMFORT TRIMLESS**

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## **MECHANIQ ROUND COMFORT**

**COLOR FINISH CHART** 

**Fixture Finish** 

PROJECT

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DATE			

Sparkling Silver - 01 (SSR)	Black Velvet - 02 (BKV)	Crystal White - 03 (CWI)	Creamy - 04 (CRY)	Hampton Bay - 05 (HAB)	Lagoon - 06 (LAG)
Urban Forest - 07 (UFT)	In the Army - 08 (ITA)	Rusty Angel - 09 (RUA)	Rusty Rush - 10 (RUR)	Milk and Chocolate - 11 (MIC)	Fade to Gray - 12 (FTG)
Mysterious Gray - 13 (MYG)	Twilight - 14 (TWT)	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 betwee Physical: When texture is involved, there will be variations in color, character and tone within a pro

and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles and success a highly individual effect and no luminaire being identical.

Zaneen Group incres/2024; 41800/863/352; 9416/24/9519; www.zaneen.com esc missics incressing in the specific power country production. Each dimensional variables in the second production. Each dimensional variables in the second production is a specification of the second production. Each dimensional variables in the second production is a specification of the second production.

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LEGEND

## **MECHANIQ ROUND 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)	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
<b>シ</b>	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
$\bigcirc$	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
1233	protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire)
140	no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire)
1943	protected against sprays of water up to 60 degrees from the vertical (rain)
1P44	protected against ingress of solid bodies greater than 1mm (wire)
1944	protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas)
1934	protected against water splashed from all directions
1965	protected against ingress of dust
1000	protected against jets of water
1966	protected against ingress of dust
100	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
1-08	protected against immersion of water under pressure for long periods
1968	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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