## **MECHANIQ ROUND COMFORT TRIMLESS**

#### A35001-

base number	Color	Finishes	Finishes	Finishes	Ceiling
	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness

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: Me	echaniq Square Comfort
Subseries	s: Mechaniq Round Comfort
Brand: Pr	olicht
Division:	Architectural
Mounting	g Type: Trimless
Mounting	Location: Ceiling
Subcateg	ory: Downlight
PHYSICA	L
Shape: Ro	ound
Diameter	· (mm): 131
Diameter	(in): 5 <sup>3</sup> / <sub>16</sub>
Length (ir	n): 6 ¾
Height (m	nm): 127
Height (ir	n): 5
Ceiling Th	nickness (mm): 10 / 12 / 15 / 25
	nickness (in): 3/8 or 1/2 or 9/16 or 1
Min. Rece	essing Depth (mm): 140
Min. Rece	essing Depth (in): 5 ½
Light Dist	ribution: Adjustable / Downlight
Weight (k	.92 g): .92
Weight (ll	bs): 2.02
	nish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR /
	6 / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /
	H / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
	aterial: Aluminum Die Cast
	Aeasurements: ⊠ 140mm / 5 1/2"
Upon Rec	quest: Unique Ceiling Thickness
ELECTRI	CAL
Lamp Typ	pe: LED (Zhaga Standard)
Input Wa	ttage (W): 13.2 (2700K) / 16.5
Total Out	put Wattage (W): 12.1 (2700K) / 14.7
0	: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) / Dimming)
Driver Inc	:luded: No
Driver Lo	cation: Recessed Housing
Driver Ty	pe: Constant Current - Universal
Driver Cla	ass: Class 2
Housing:	See components
	tage (V): 120 - 277
Constant	Current (MA): 350
LED	
Number of	of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 830 / 930 / 1009 / 1030
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable Whit Special LED
OPTICAL
Reflector°: 8
Adjustability: Rotational 355°; Tilt 30°
Upon Request: Special Beam Angles

#### **RATINGS AND CERTIFICATIONS**

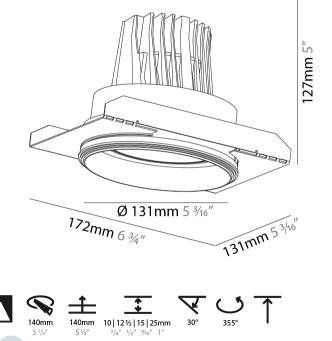
ered Lumen (im): 830 / 930 / 1009 / 1030
RI
(hrs): 50000
uest: Special Color Temperature RGB-W Tunable White D
:8
ity: Rotational 355°; Tilt 30°
uest: Special Beam Angles

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PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

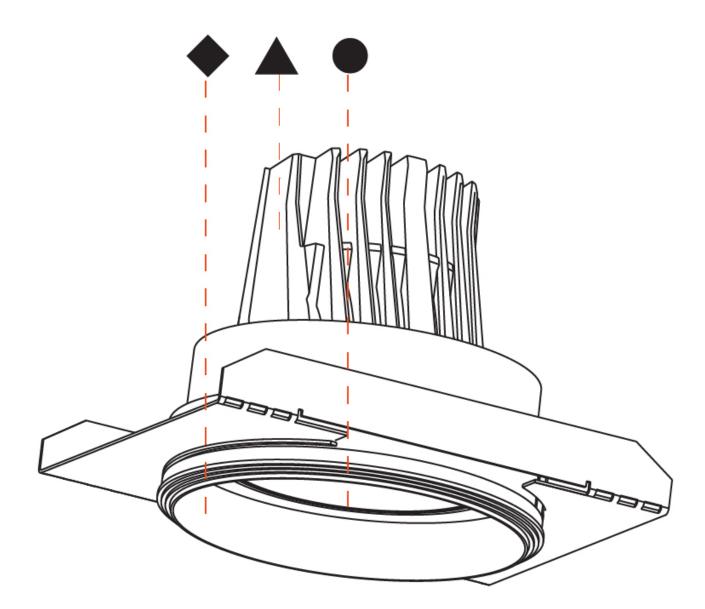




### **MECHANIQ ROUND COMFORT TRIMLESS**

A35001-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



## **MECHANIQ SQUARE COMFORT SINGLE TRIMLESS**

Finishes

Finishes

Ceiling Thickness

Finishes

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

	Dimining	remperature	(Diamonu)	(Thangle)	(Circle)
1.To build a p	product code i	in our configui	rator select i	the specify bu	itton on

Color

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

A35013base number LED

JENEI01E	
Series: Mechaniq Square Comfort	
Subseries: Mechaniq Square Comfort Single	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Diameter (mm): 99	
Diameter (in): 3 <sup>7</sup> / <sub>8</sub>	
Length (mm): 130	
Length (in): $5\frac{3}{16}$	
Width (mm): 130	
Width (ini): $5\frac{3}{6}$	
Height (mm): 129	
Height (in): 129	
Ceiling Thickness (mm): 10 / 12 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1	
Min. Recessing Depth (mm): 140	
Min. Recessing Depth (in): 5 ½	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.895	
Weight (lbs): 1.97	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RU	
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: 135mm / 5 5/16" x 135mm / 5 5/16"	
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 13.2 (2700K) / 16.5	
Total Output Wattage (W): 12.1 (2700K) / 14.7	
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): 350	
LED	
Number of LEDs: 1	

Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 830 / 930 / 1009 / 1030	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature RGB-W Tunable White Special LED	
OPTICAL	

#### Reflector°: 8

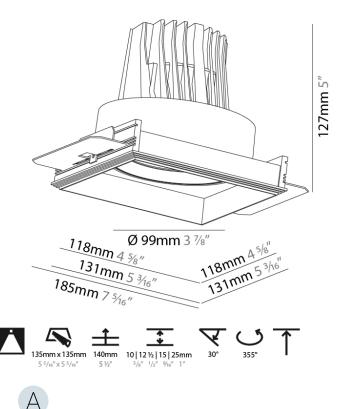
Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

RATINGS AND CE RITH ICISDIONS 3382, F 416-247-9319, www.zaneen.com

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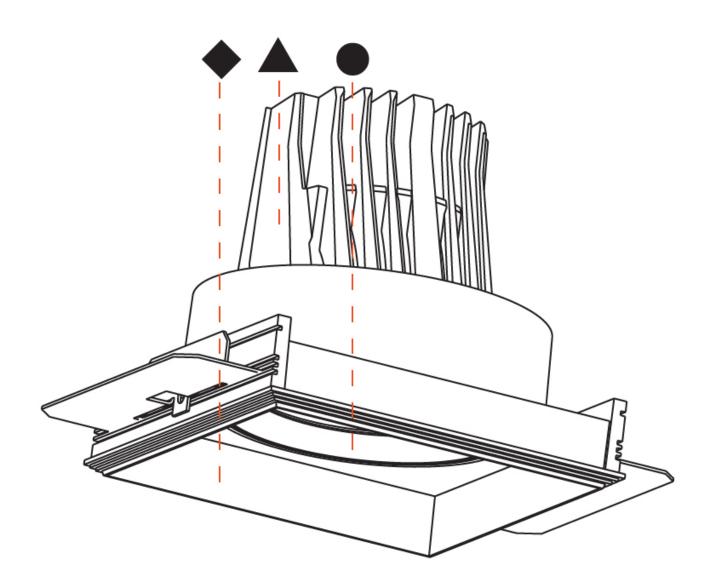


**MECHANIQ SQUARE COMFORT SINGLE TRIMLESS** 

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PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

A35013-



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## MECHANIO COUADE COMEODT SINCI E TDIMIESS

MECHANIQ SQUARE COMPORT SING		
		DATE
A35016	-	-
base number LED Color Finishes Finishes Finishes		Reflector
Dimming Temperature (Diamond) (Triangle) (Circle)	Thickness	Options
1.To build a product code in our configurator select the specify button o	1	
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 Single		
Brand: Prolicht		
Division: Architectural		
Mounting Type: Trimless		
Mounting Location: Ceiling		
Subcategory: Downlight		
PHYSICAL		
Shape: Square		
Length (mm): 131		
Length (in): $5\frac{3}{16}$		
Width (mm): 131		
Width (in): $5\frac{3}{16}$		
Height (mm): 127		
Height (in): 5		
Ceiling Thickness (mm): 10 / 12 / 15 / 25		
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1		
Min. Recessing Depth (mm): 140		
Min. Recessing Depth (in): 5 ½		
Light Distribution: Adjustable / Downlight		
Weight (kg): .895		
Weight (lbs): 1.97		
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUF	2/	
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: 135mm / 5 5/16" x 135mm / 5 5/16"		TTANK TA
Upon Request: Unique Ceiling Thickness		
ELECTRICAL		
Lamp Type: LED (Zhaga Standard)		
Input Wattage (W): 28.6		
Total Output Wattage (W): 26.4		
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)		157mm
and 0-10V Dimming)		52
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		110. Ø 99mm 3 <sup>7</sup> / <sub>8</sub> "
Number of LEDs: 1		$\frac{118 \text{mm} 458^{''}}{131 \text{m} 588^{''}} = 131 \text{m} 588^{''}$
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	_	
Max. Delivered Lumen (lm): 2210 / 2270 / 2391 / 2440		195 195 3/16" n1mm
CRI: >90 CRI		185mm 7 5/16" 131mm 3
Lamp Life (hrs): 50000		· · · · · · · · · · · · · · · · · · ·
Upon Request: Special Color Temperature RGB-W Tunable White		
Special LED	_	
OPTICAL		
Reflector°: 18 / 26 / 40		135mm x 135mm 140mm 10   12 ½   15   25mm 30° 355°
Adjustability: Rotational 355°; Tilt 30°		5 <sup>5</sup> / <sub>16</sub> " x 5 <sup>5</sup> / <sub>16</sub> " 5 <sup>1</sup> / <sub>2</sub> " <sup>3</sup> / <sub>8</sub> " <sup>1</sup> / <sub>2</sub> " <sup>9</sup> / <sub>16</sub> " 1"
Upon Request: Special Beam Angles	_	A
opon nequest. Special beam Angles		

#### RATINGS AND CERTIFICATIONS

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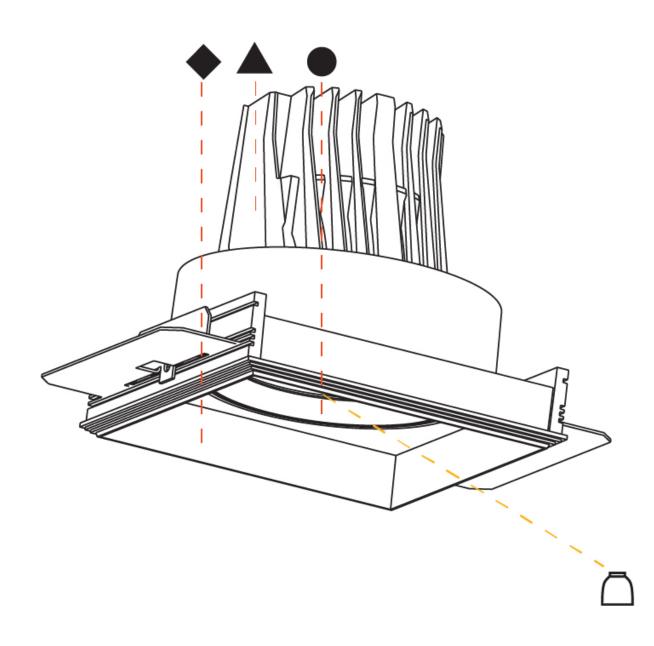
PROJECT

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SPECIFIER		
QUANTITY		
DATE		

### **MECHANIQ SQUARE COMFORT SINGLE TRIMLESS**

A35016-



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## **MECHANIQ SQUARE COMFORT SINGLE TRIMLESS**

Ceiling

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

base number	LED	Color	Finishes	Finishes	Finishes
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)
1.To build a	product code	in our confiau	urator select	the specify b	outton 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

A35019-

Series: Mechaniq Square Comfort	
Subseries: Mechaniq Square Comfort Single	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 180	
Length (in): 7 <sup>1</sup> / <sub>16</sub>	
Width (mm): 180	
Width (in): 7 <sup>1</sup> / <sub>16</sub>	
Height (mm): 180	
Height (in): $7\frac{1}{16}$	
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 <sup>7</sup> / <sub>8</sub>	
Light Distribution: Adjustable / Downlight	
Weight (kg): 2.114	
Weight (lbs): 4.65	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT /	
MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / PO	
MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS	/ ROR
Fixture Material: Aluminum Die Cast	4.61
Cut-out Measurements: 185mm / 7 5/16" x 185mm / 7 5	0/16"
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 23.1	
Total Output Wattage (W): 21.2	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming	g (120Vac only)
and 0-10V Dimming) Priver Included, No	
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	

LED
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White Special LED
OPTICAL
Reflector°. 8

#### Reflector°: 8

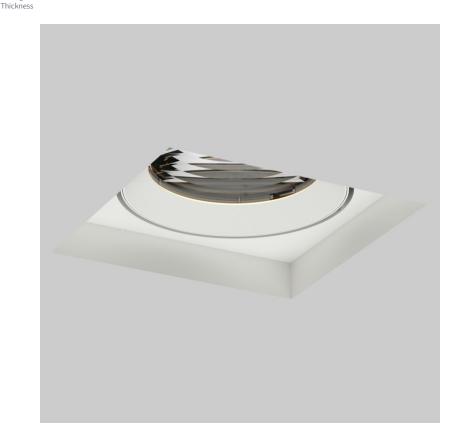
Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

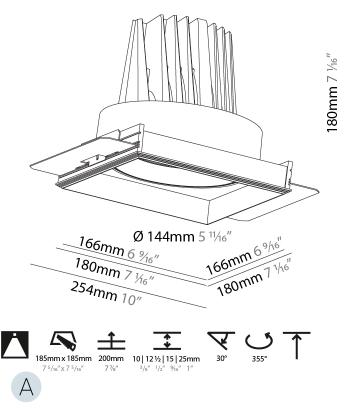
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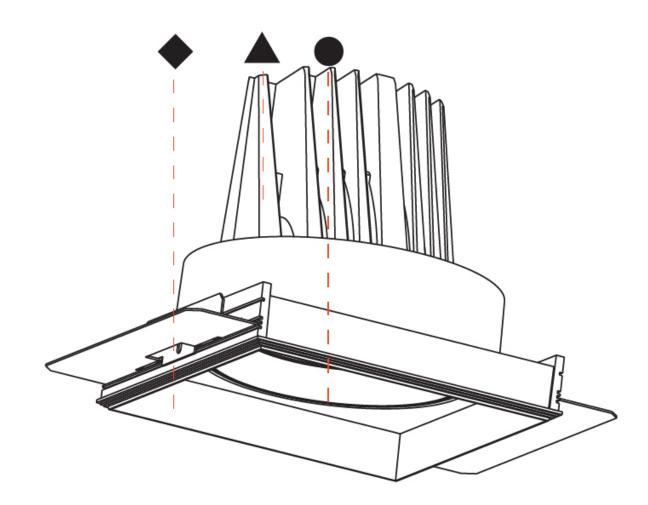




PROJECT			
TYPE	 		
SPECIFIER	 		
QUANTITY	 		
DATE			

### **MECHANIQ SQUARE COMFORT SINGLE TRIMLESS**

A35019-





**MECHANIQ SQUARE COMFORT SINGLE TRIMLESS** 

TYPE		
SPECIFIER		
QUANTITY		
DATE		

							DATE
A35022		-	-	-		-	
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
1.To build a	n product cod	le in our confi	gurator seled	ct the specify	button on		
the base mo	odel # produ	ct page	-				
		oduct code on olue font and o					
	eu below III L	nue ioni unu i	uuu une sunn	c to the buse	mouel #		
GENERAL	hania Sauar	o Comfort					
	haniq Squar Mechaniq Sc	uare Comfor	t Single				
Brand: Prol			i Siligic				
Division: Ar	chitectural						
Mounting T	ype: Trimles	s					the second secon
Mounting L	ocation: Cei	ing					
Subcategor	ry: Downligh	t					
PHYSICAL							
Shape: Squ	are						
Length (mn	n): 166						
Length (in):	6 %						
Width (mm)	/						
Width (in): 6	5 <sup>9</sup> / <sub>16</sub>						
Height (mm	n): 180						
Height (in):							
		: 10 / 12.5 / 15					
		/8 or 1/2 or 9/	/16 or 1				
	sing Depth (r	•					
	sing Depth (i		linkt				
Weight (kg)		stable / Down	llight				
Weight (lbs)							
Fixture Finis MIC / FTG /	sh: SSR / BK MYG / TWT /	/ / CWI / CRY , LOD / PUS / F / COM / ABZ ,	RO / FUP / K	(IA / POP / BI			
		um Die Cast					
Cut-out Mea	asurements	185mm / 7 5,	/16" x 185mr	m / 7 5/16"			
Upon Requ	est: Unique	Ceiling Thickr	ness				
ELECTRICA	<b>L</b> : LED (Zhaga	Standard)					"94 L
	age (W): 46.2						
	ut Wattage (						
Dimming: T and 0-10V D		n-Dimming a	nd Phase Dir	mming (120\	/ac only)		180m
Driver Inclu							
Driver Loca	tion: Recess	ed Housing					
Driver Type	: Constant C	urrent - Unive	ersal				
Driver Class							
	e compone						
	ge (V): 120 - :						
	urrent (MA):	1020					
LED							$   \begin{array}{r}                                     $
Number of		: 2700 / 3000 /	3500 / 4000				180- 180- commo
		lm): 4030 / 41					
CRI: >90 CR		,. 1050 / 41	55/ 1552/4				$\frac{180 \text{mm } 7 \frac{1}{16''}}{254 \text{mm } 10''} \frac{160 \text{mm}}{180 \text{mm}} 7 \frac{1}{16''}}{180 \text{mm}}$
Lamp Life (I							10"
· · · · · · · · · · · · · · · · · · ·	est: Special	Color Temper	ature RGB-V	V Tunable W	hite		
OPTICAL							
Reflector <sup>o</sup> : :	12 / 24 / 40						<b>185mm x 185mm 200mm 10   12 ½   15   25mm 30° 355°</b> 7 5/ <sub>16</sub> " x 7 5/ <sub>16</sub> " 7 7/ <sub>8</sub> " 3/ <sub>8</sub> " 1/ <sub>2</sub> " 9/ <sub>6</sub> " 1"
		l 355°; Tilt 30'	0				Λ
		Beam Angles					A

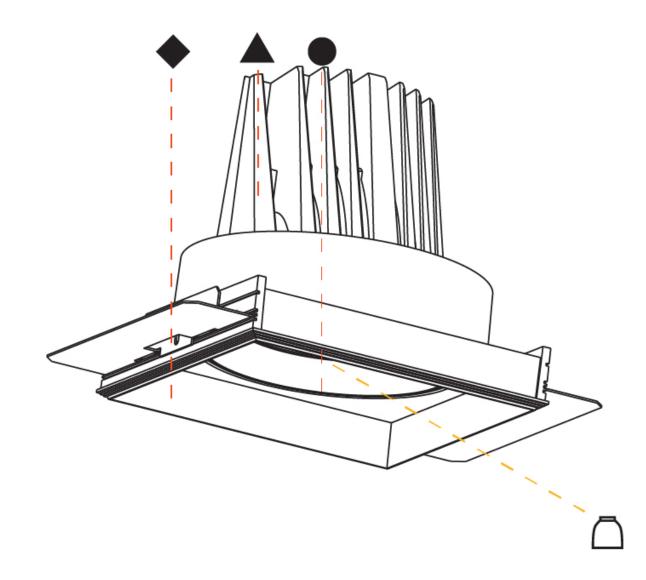
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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS	
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A35022-

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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A35025-

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

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-

-

TYPE			
SPECIFIER			
QUANTITY			
DATE			

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: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Rectangle	
Length (mm): 235	
Length (in): 9 ¼	
Width (mm): 131	
Width (in): $5\frac{3}{16}$	
Height (mm): 127	
Height (in): 5	
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1	
Min. Recessing Depth (mm): 140	
Min. Recessing Depth (in): $5\frac{1}{2}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 1.637	
Weight (lbs): 3.60	
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: 252mm / 9 15/16" x 135mm / 5 5/16"	
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	TTAKT DO
Lamp Type: LED (Zhaga Standard)	
nput Wattage (W): 26.4 / 33	TTATA
Total Output Wattage (W): 24.2 / 29.5	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)	
and 0-10V Dimming)	
Driver Included: No	Ē
Driver Location: Recessed Housing	127mi
Driver Type: Constant Current - Universal Driver Class: Class 2	
Housing: See components	
Input Voltage (V): 120 - 277	
Constant Current (MA): 350	225
	$\frac{235 \text{mm 9 } 1/4''}{248 \text{mm 9 } 3/4''} = \frac{118 \text{mm 4}}{118 \text{mm 5}} \frac{3}{10} 1000000000000000000000000000000000000$
	$\frac{248mm 9 \frac{3}{4''}}{302mm 11} = \frac{118mm}{3} \sqrt{8} \frac{118mm}{5} \sqrt{6}$
Number of LEDs: 2	20
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	$\frac{302mm}{11}\frac{3}{28''}$
Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050 CRI: >90 CRI	13'
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature RGB-W Tunable White	
Special LED	
OPTICAL	
	252mm x 135mm 140mm 10   12 ½   15   25mm 30° 355°
Reflector° 8	9 <sup>15</sup> / <sub>16</sub> " x 5 <sup>5</sup> / <sub>16</sub> " 5 <sup>1</sup> / <sub>2</sub> " <sup>3</sup> / <sub>8</sub> " <sup>1</sup> / <sub>2</sub> " <sup>9</sup> / <sub>6</sub> " 1"
Reflector°: 8	<b>A</b>
Reflector°: 8 Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles	A

June 4, 2024, 3:17 am

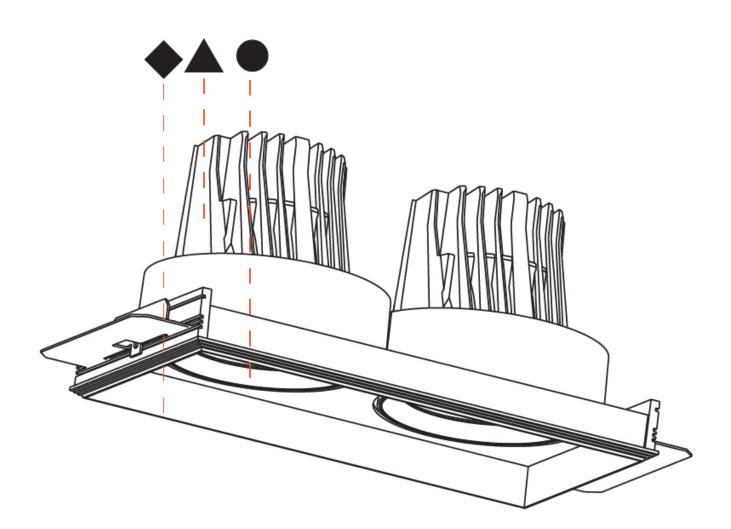
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PROJECT

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### **MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS**

A35025-



MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

Reflector Options

### PROJECT TYPE SPECIFIER QUANTITY DATE

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness
1. To build a p the base mo		e in our configu t page	irator select	the specify b	outton on	
		duct code on th	nis datashee	t choose froi	n the	
		lue font and ad				
GENERAL						
Series: Mech	anig Square	Comfort				
		uare Comfort D	Double			
Brand: Prolic						
Division: Arc	hitectural					
Mounting Ty	pe: Trimless	5				
Mounting Lo	cation: Ceili	ng				
Subcategory	: Downlight					
PHYSICAL						
Shape: Recta	angle					
Diameter (m						
Diameter (in	): 3 1/8					
Length (mm)	): 249					
Length (in): 9						
Width (mm):						
Width (in): 5	3/16					
Height (mm)	: 127					
Height (in): 5						
Ceiling Thick	(ness (mm):	10 / 12.5 / 15 /	25			
Ceiling Thick	ness (in): 3/	8 or 1/2 or 9/1	6 or 1			
Min. Recessi	ng Depth (m	ım): 140				
Min. Recessi	ng Depth (in	): 5 ½				
Light Distrib	ution: Down	light				
Weight (kg):	1.637					
Weight (lbs):	3.61					
		/ CWI / CRY / H				
		LOD / PUS / FR			S / SPG /	
		COM / ABZ / J	AG / OBR / N	MOS / ROR		
Fixture Mate		252mm / 9 15/	16" 12Emn	0 / 5 5 / 16"		
		eiling Thickne		1/ 5 5/10		
			33			
ELECTRICAL		o				
Lamp Type:		Standard)				
Input Wattag		1) 52.0				
Total Output	t wattage (N	1): 52.8				

Dimming: Tri-Mode (Non- and 0-10V Dimming)	Dimming and Phase Dimming (120Vac only)
Driver Included: Yes	
Driver Location: Recessed	Housing
Driver Type: Constant Cur	rrent - Universal
Driver Class: Class 2	

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

#### LED

Number of LEDs: 2
Color Temperature (°K): 2700 / 3000 / 3500 / 4000

May Dolivorod Lumon (Im): 1120 / 1540 / 1772 / 1970	
Max. Delivered Lumen (lm): 4430 / 4540 / 4773 / 4870	

CRI: >90 CRI

Lamp Life (hrs): 50000

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

#### OPTICAL

Reflector°: 18 / 26 / 40

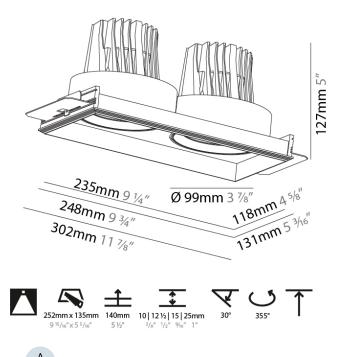
Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

RATINGS AND CERPHICATIONS 3382, F 416-247-9319, www.zaneen.com

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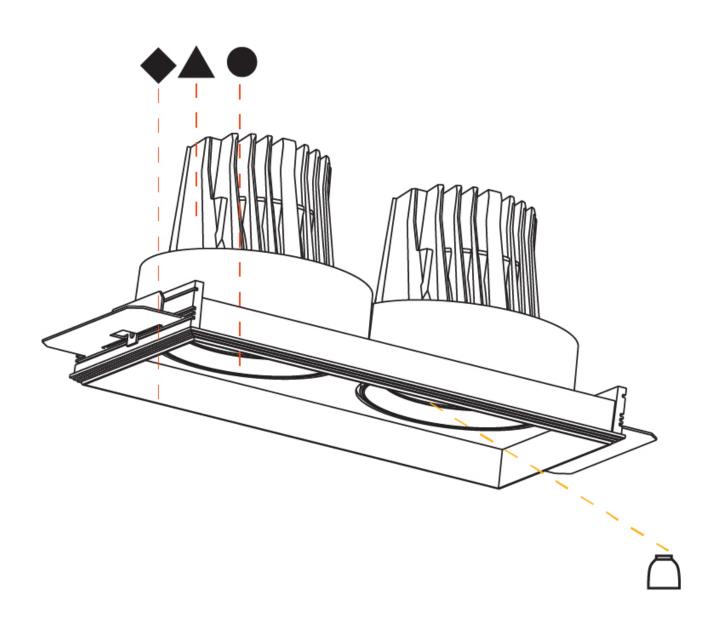




TYPE		
SPECIFIER		
QUANTITY		
DATE		-

### **MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS**

A35028-



## **MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS**

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

A35031	-	-
baco numbor	LED	

Ceiling Color Finishes Finishes Finishe Dimming Temperature (Diamond) (Triangle) (Circle) Thickness

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

Nominal Lumen (lm): 3330lm
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tun

W Tunable White Special LED

#### OPTICAL

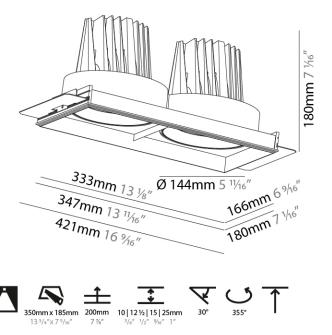
Reflector°: 8 Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

**ቸልተ፣ክፍሮንልክሰር ርጅ የተገቱ ር አባባን እዩ**-3382, F 416-247-9319, www.zaneen.com

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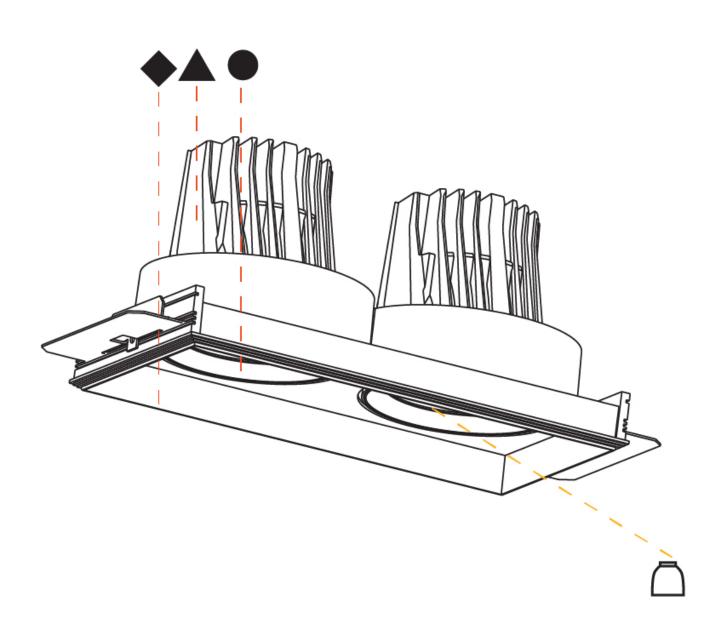




PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

### **MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS**

A35031-



## **MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS**

Ceiling Thickness

Reflector

Options

### PROJECT TYPE SPECIFIER QUANTITY DATE

Dase number	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)
1.To build a	product code	e in our configu	urator selec	t the specify	button on

Color

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

A35034-

base number

LED

Series: Mechanig Square Comfort
Subseries: Mechaniq Square Comfort Double
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Diameter (mm): 144
Diameter (in): 5 <sup>11</sup> / <sub>16</sub>
Length (mm): 347
Length (in): 13 $^{11}/_{16}$
Width (mm): 168
Width (in): 6 <sup>5</sup> / <sub>8</sub>
Height (mm): 180
Height (in): $7\frac{1}{1_{16}}$
Ceiling Thickness (mm): 10 / 12.5 / 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: Downlight
Weight (kg): 3.944
Weight (lbs): 8.70
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: 350mm x 185mm
Upon Request: Unique Ceiling Thickness
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 93.4
Total Output Wattage (W): 83.8
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Recessed Housing
Driver Type: Constant Current - Universal
Driver Class: Class 2

Biller Type: constant carrent offic	i ci sut
Driver Class: Class 2	
Housing: See components	
Input Voltage (V): 120 - 277	
Constant Current (MA): 1050	
LED	

#### LEC

Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 8070 / 8260 / 8673 / 8850	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature RGB-W Tunable Wh Special LED	ite
OPTICAL	
Deflector <sup>e</sup> : 12/24/40	

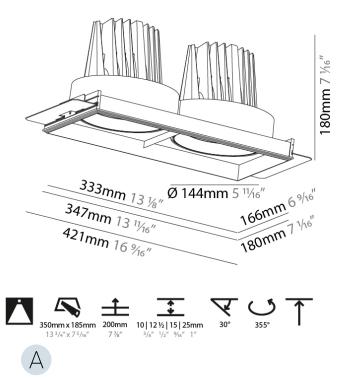
Reflector°: 12 / 24 / 40

Upon Request: Special Beam Angles

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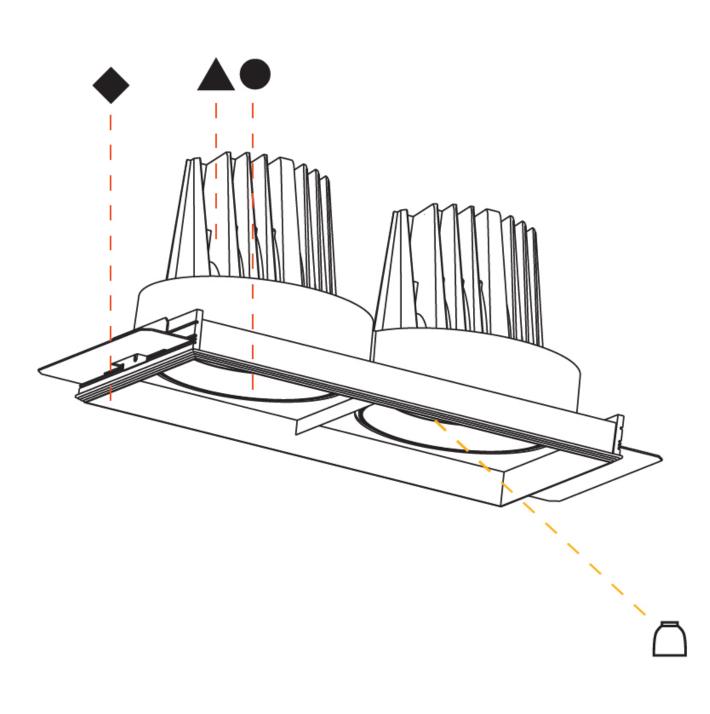


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PROJECT

	DATE
MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS	QUANTITY
	SPECIFIER
	ТҮРЕ

A35034-



## **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)	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 supersonal individual effect and no luminaire being identical.

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LEGEND

### **MECHANIQ SQUARE COMFORT**

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

<u> </u>	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
$\overline{}$	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	K	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
	direct light distribution	Δ	reflector degree selection	€К	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		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)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
<b>6</b>	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
Ĩ	remote control	$\odot$	ball-proof (upon request)	<b>S</b>	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	$\square$	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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