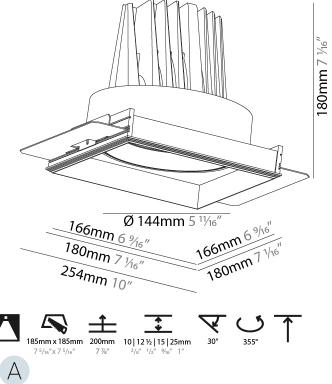
**MECHANIO SQUARE COMFORT SINGLE TRIMLESS** 

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
			,	,			P. C. C.
1.To build a p the base mo		e in our config t page	urator selec	t the specify	button on		
2. To build a	manual pro	duct code on t lue font and a					
GENERAL							
Series: Mech	aniq Square	e Comfort					
	· · ·	uare Comfort	Single				
Brand: Prolic	cht						
Division: Arc	hitectural						
Mounting Ty							
Mounting Lo		-					
Subcategory	Downlight						
PHYSICAL							
Shape: Squa							
Length (mm)							
Length (in): 6							
Width (mm):							
Width (in): 6 Height (mm)							
Height (in): 7							
	10	10 / 12.5 / 15 /	25				
		/8 or 1/2 or 9/1					
Min. Recessi							
Min. Recessi		-					
		table / Downl	ght				
Weight (kg):		,	0				
Weight (lbs):	4.66						
	FRO / FUP /	/ / CWI / CRY /   KIA / POP / BL MOS / ROR					
Fixture Mate							
		185mm / 7 5/1	.6" x 185mr	n / 7 5/16"			
		Ceiling Thickne					
ELECTRICAL	_						
Lamp Type:		Standard)					
Input Wattag							
Total Output	Wattage (V	V): 41.9					
Dimming: Tr and 0-10V Di		n-Dimming an	d Phase Dir	nming (120V	'ac only)		
Driver Includ							<i>م</i> ر
Driver Locati							
		urrent - Univer	sal				
Driver Class:							
Housing: See							
Constant Cu							
LED	EDci 1						10
Number of L		2700 / 3000 / 3	3500 / 4000				
		m): 4030 / 413					18
	(1	,000 / 110	-,				25.
	rs): 50000						
CRI: >90 CRI Lamp Life (h							
CRI: >90 CRI Lamp Life (h		Color Tempera	ture RGB-V	I lunable W	nite		
CRI: >90 CRI Lamp Life (h Upon Reque Special LED OPTICAL	st: Special C	Color Tempera	ture RGB-V	/ Tunable W			
CRI: >90 CRI Lamp Life (h Upon Reque Special LED <b>OPTICAL</b> Reflector°: 12	st: Special C 2 / 24 / 40	Color Tempera	ture RGB-V	/ Tunable W			<b>185mm x 185m</b> 7 5/16" x 7 5/16"

### PROJECT TYPE SPECIFIER QUANTITY DATE





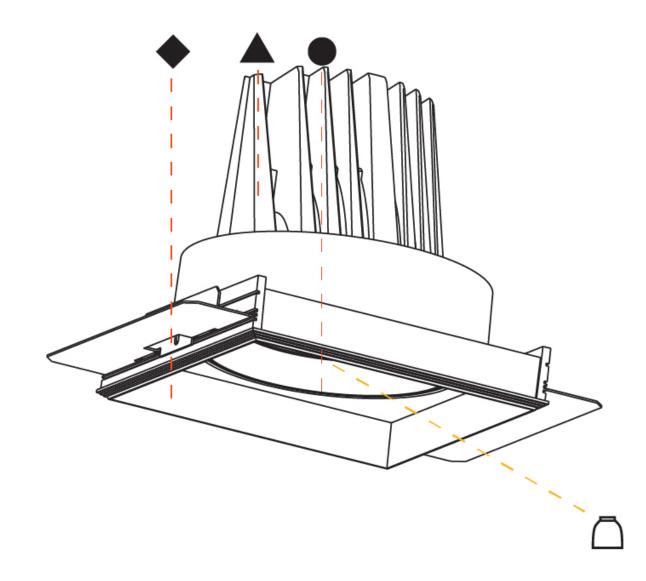
RATINGS AND CERTIFICATIONS Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com Certified By: Certified for North American Standards Available for International specifications by adding: INT at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com. IParations of Market 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

## **ZANEEN**<sub>®</sub>

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS	
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A35022-

PROJECT
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SPECIFIER
QUANTITY
DATE



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### MECHANIQ SQUARE COMFORT SINGLE RECESSED

### A35088-

base number	Color	Finishes	Finishes	Finishes	Reflector
	Temperature	(Diamond)	(Triangle)	(Circle)	Options
	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

GENERAL	
Series: Mechar	niq Square Comfort
Subseries: Med	chaniq Square Comfort Single
Brand: Prolich	t
Division: Archi	tectural
Mounting Type	e: Recessed
Mounting Loca	ation: Ceiling
Subcategory: [	Downlight
PHYSICAL	
Shape: Square	
Length (mm): 1	186
Length (in): 7 <sup>5</sup> /	16
Width (mm): 18	86
Width (in): 7 <sup>5</sup> / <sub>16</sub>	5
Height (mm): 1	180
Height (in): 7 <sup>1</sup> / <sub>2</sub>	,
Ceiling Thickne	ess (mm): 10 / 12.5 / 15
Ceiling Thickne	ess (in): 3/8 or 1/2 or 9/16
Min. Recessing	g Depth (mm): 200
Min. Recessing	g Depth (in): 7 ½
Light Distribut	ion: Adjustable / Downlight
Weight (kg): 1.	88
Weight (lbs): 4.	.14
LOD / PUS / FR	SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / O / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
	AG / OBR / MOS / ROR
	al: Aluminum Die Cast irements: 175mm / 6 7/8" x 175mm / 6 7/8"
ELECTRICAL	- /
	D (Zhaga Standard)
· · ·	Vattage (W): 41.9
and 0-10V Dim	
Driver Include	
	n: Recessed Housing
	onstant Current - Universal
Housing: See c	· · · ·
Input Voltage (	(V): 120 - 277

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

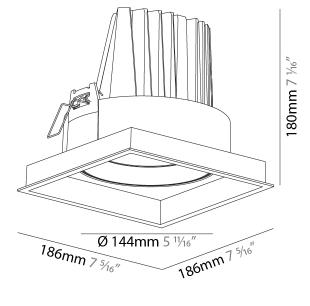
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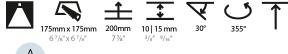
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# PROJECT TYPE SPECIFIER QUANTITY DATE





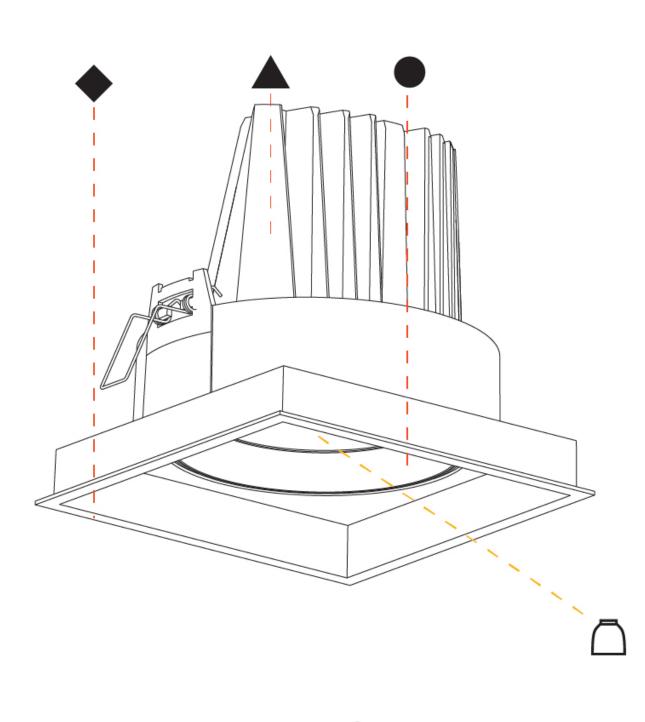


**MECHANIQ SQUARE COMFORT SINGLE RECESSED** 

PROJECT

TYPE		
SPECIFIER		
QUANTITY		
DATE		

A35088-



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### **MECHANIO SOUARE COMFORT SINGLE RECESSED**

A35088- base number       LED Dimming       Color Temperature       Finishes (Diamond)       Finishes (Circle)       Reflector Options         1. To build a product code in our configurator select the specify button on the base model # product page       1.         2. To build a monual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model # <b>CENERAL</b> Subseries: Mechaniq Square Comfort         Subseries: Mechaniq Square Comfort Single         Brand: Prolicht         Division: Architectural         Mounting Location: Celling         Subseries: Mechaniq Square Comfort         Subseries: Mechaniq Square Comfort         Subseries: Mechaniq Square Comfort         Division: Architectural         Mounting Location: Celling         Subcreategory: Downlight         PHYSICAL         Diameter (nm): 144         Diameter (nm): 185         Length (nm): 186         Length (nm): 186         Length (mm): 260         Min. Recessing Depth (nm): 260 <th>MECH/</th> <th>ANIQ S</th> <th>QUARE</th> <th>COM</th> <th>FORTS</th> <th>SINGLI</th> <th>E RECE</th> <th>SSED</th>	MECH/	ANIQ S	QUARE	COM	FORTS	SINGLI	E RECE	SSED
Dimming Temperature (Diamond) (Triangle) (Circle) Options         1. To build a product code in our configurator select the specify button on the base model # product gage         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: Recessed         Mounting Location: Ceiling         Subcategory: Downlight         PHYSICAL         Diameter (mn): 144         Diameter (mn): 186         Length (mn): 186         Length (mn): 186         Min. Recessing Depth (mn): 260         Min. Recessing Depth (mn): 10 ½         Light Distribution: Downlight         Weight (ligh: 4.14         Fixture Atterial: Aluminum Die Cast      <	A35088	-	_	_	-	-	-	
the base model # product gage 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 # <b>GENERAL</b> Series: Mechaniq Square Comfort Subseries: Mechaniq Square Comfort Single Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Celling Subcategory: Downlight <b>PHYSICAL</b> Diameter (nn): 144 Diameter (nn): 186 Length (in): 7 ½, Height (mn): 180 Height (mn): 180 Height (mn): 180 Height (in): 7 ½, Min. Recessing Depth (mn): 260 Min. Recessing Depth (mn): 260 Min. Recessing Depth (in): 10 ½ Light Distribution: Downlight Weight (bs): 4.14 Fixture Finsh: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOO / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEV / GOH / GUM / CHC / COV / NBZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum Die Cast Cut-out Measurements: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 4.2 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Included: Yes	base number							-
Series: Mechaniq Square Comfort         Subseries: Mechaniq Square Comfort Single         Brand: Prolicht         Division: Architectural         Mounting Type: Recessed         Mounting Location: Ceiling         Subcategory: Downlight         PHYSICAL         Diameter (mm): 144         Diameter (in): 5 <sup>11</sup> / <sub>is</sub> Length (in): 7 <sup>1</sup> / <sub>is</sub> Height (in): 7 <sup>1</sup> / <sub>is</sub> Min. Recessing Depth (mm): 260         Min. Recessing Depth (in): 10 <sup>1</sup> / <sub>i</sub> Light Distribution: Downlight         Weight (kg): 1.88         Weight (kg): 1.44         Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KLA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR         Fixture Material: Aluminum Die Cast         Cut-out Measurements: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard)         Input Wattage (W): 46.2         Total Output Wattage (W): 42         Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)         Driver Included: Yes         Driver Included: Yes         Driver Vpe: Constant Current - Universal	the base mo 2. To build a	del # produc manual pro	t page duct code on t	his datashe	et choose fro	m the		
Subseries: Mechaniq Square Comfort Single Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Diameter (nm): 144 Diameter (nm): 186 Length (nm): 186 Length (nm): 186 Length (nm): 180 Height (nm): 180 Height (nm): 180 Height (nm): 180 Min. Recessing Depth (nm): 260 Min. Recessing Depth (in): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Downlight Weight (kg): 1.88 Weight (kg): 1.88 Weight (kg): 1.88 Weight (lbs): 4.14 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: 175.00mm / 175.00mm ELECTRICAL Lamp Type: LED (Zhaga Standard) Input Wattage (W): 46.2 Total Output Wattage (W): 42 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: External Driver Type: Constant Current - Universal	GENERAL							
Brand: Prolicht         Division: Architectural         Mounting Type: Recessed         Mounting Location: Ceiling         Subcategory: Downlight         PHYSICAL         Diameter (im): 144         Diameter (im): 144         Diameter (in): 5 <sup>11</sup> / <sub>16</sub> Length (in): 7 <sup>1</sup> / <sub>16</sub> Height (in): 7 <sup>1</sup> / <sub>16</sub> Height (in): 7 <sup>1</sup> / <sub>16</sub> Min. Recessing Depth (im): 260         Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOB / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEV / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR         Fixture Material: Aluminum Die Cast         Cut- out Measurements: 175.00mm / 175.00mm         ELECTRICAL         Lamp Type: LED (Zhaga Standard)         Input Wattage (W): 46.2         Total Output Wattage (W): 46.2         Total Output Wattage (W): 42         Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)         Driver Included: Yes         Driver Included: Yes         Driver Som Castetrenal         Driver Type: C	Series: Mech	aniq Square	e Comfort					
Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Diameter (inn): 144 Diameter (in): 5 <sup>11</sup> / <sub>16</sub> Length (inn): 186 Length (inn): 7 <sup>1</sup> / <sub>16</sub> Height (inn): 180 Height (inn): 7 <sup>1</sup> / <sub>16</sub> Min. Recessing Depth (inn): 260 Min. Recessing Depth (inn): 260 Min. Recessing Depth (inn): 260 Min. Recessing Depth (inn): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Downlight Weight (lbs): 4.14 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: 175.00mm / 175.00mm ELECTRICAL Lamp Type: LED (Zhaga Standard) Input Wattage (W): 46.2 Total Output Wattage (W): 42 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: External Driver Type: Constant Current - Universal	Subseries: M	lechaniq Sq	uare Comfort	Single				
Mounting Type: Recessed         Mounting Location: Ceiling         Subcategory: Downlight         PHYSICAL         Diameter (im): 5 <sup>13</sup> / <sub>16</sub> Length (mm): 144         Diameter (in): 7 <sup>13</sup> / <sub>16</sub> Height (im): 186         Length (mm): 180         Height (in): 7 <sup>13</sup> / <sub>16</sub> Min. Recessing Depth (im): 10 <sup>13</sup> / <sub>4</sub> Light Distribution: Downlight         Weight (kg): 1.88         Weight (kg): 4.14         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: 175.00mm / 175.00mm         ELECTRICAL         Lamp Type: LED (Zhaga Standard)         Input Wattage (W): 46.2         Total Output Wattage (W): 42         Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)         Driver Included: Yes         Driver Included: Yes         Driver Included: Yes         Driver Coation: External         Driver Type: Constant Current - Universal								
Mounting Location: Ceiling         Subcategory: Downlight         PHYSICAL         Diameter (im): 144         Diameter (im): 5 <sup>1</sup> / <sub>16</sub> Length (im): 186         Length (in): 7 <sup>1</sup> / <sub>16</sub> Height (in): 7 <sup>1</sup> / <sub>16</sub> Min. Recessing Depth (im): 260         Min. Recessing Depth (in): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Downlight         Weight (kg): 1.88         Weight (kg): 4.14         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: 175.00mm / 175.00mm         ELECTRICAL         Lamp Type: LED (Zhaga Standard)         Input Wattage (W): 46.2         Total Output Wattage (W): 42         Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)         Driver Included: Yes         Driver Location: External         Driver Sontant Current - Universal								
Subcategory: Downlight  PHYSICAL  Diameter (nm): 144  Diameter (nm): 144  Diameter (in): 5 <sup>11</sup> / <sub>16</sub> Length (nm): 186  Length (nm): 186  Length (nm): 180  Height (nm): 180  Height (in): 7 <sup>1</sup> / <sub>16</sub> Min. Recessing Depth (nm): 260  Min. Recessing Depth (in): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Downlight  Weight (lgs): 1.88  Weight (lbs): 4.14  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: 175.00mm / 175.00mm  ELECTRICAL Lamp Type: LED (Zhaga Standard) Input Wattage (W): 46.2 Total Output Wattage (W): 42 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: External Driver Constant Current - Universal								
PHYSICAL         Diameter (mm): 144         Diameter (in): 5 <sup>11</sup> / <sub>16</sub> Length (in): 136         Length (in): 7 <sup>1</sup> / <sub>16</sub> Height (mm): 180         Height (in): 7 <sup>1</sup> / <sub>16</sub> Min. Recessing Depth (in): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Downlight         Weight (kg): 1.88         Weight (kg): 1.88         Weight (kg): 5.87 / 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 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: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard)         Input Wattage (W): 46.2         Total Output Wattage (W): 42         Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)         Driver Included: Yes         Driver Included: Yes         Driver Struet         Driver Struet         Driver Type: Constant Current - Universal								
Diameter (mm): 144 Diameter (in): 5 <sup>11</sup> / <sub>16</sub> Length (in): 7 <sup>1</sup> / <sub>16</sub> Height (in): 7 <sup>1</sup> / <sub>16</sub> Min. Recessing Depth (mm): 260 Min. Recessing Depth (in): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Downlight Weight (kg): 1.88 Weight (kg): 1.88 Weight (kg): 4.14 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: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 46.2 Total Output Wattage (W): 42 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: External Driver Type: Constant Current - Universal		. Downlight						
Diameter (in): 5 <sup>11</sup> / <sub>16</sub> Length (ini): 7 <sup>1</sup> / <sub>16</sub> Height (ini): 7 <sup>1</sup> / <sub>16</sub> Min. Recessing Depth (ini): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Downlight Weight (kg): 1.88 Weight (kg): 1.88 Weight (kg): 1.88 Weight (kg): 1.88 Weight (kg): 1.88 Weight (kg): 1.88 Weight (kg): 1.87 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: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 46.2 Total Output Wattage (W): 42 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: External Driver Type: Constant Current - Universal								
Length (mm): 186 Length (in): 7 $\frac{1}{\lambda_6}$ Height (mm): 180 Height (in): 7 $\frac{1}{\lambda_6}$ Min. Recessing Depth (mm): 260 Min. Recessing Depth (in): 10 $\frac{1}{\lambda_4}$ Light Distribution: Downlight Weight (kg): 1.88 Weight (kg): 1.88 Weight (kg): 1.88 Weight (lbs): 4.14 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: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 46.2 Total Output Wattage (W): 42 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: External Driver Type: Constant Current - Universal								
Length (in): 7 $\frac{1}{1_{46}}$ Height (mn): 180         Height (in): 7 $\frac{1}{1_{46}}$ Min. Recessing Depth (inn): 260         Min. Recessing Depth (in): 10 $\frac{1}{4}$ Light Distribution: Downlight         Weight (kg): 1.88         Weight (kg): 4.14         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: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard)         Input Wattage (W): 46.2         Total Output Wattage (W): 42         Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)         Driver Included: Yes         Driver Location: External         Driver Type: Constant Current - Universal								
Height (mm): 180         Height (in): 7 ½ <sub>6</sub> Min. Recessing Depth (in): 10 ½         Light Distribution: Downlight         Weight (kg): 1.88         Weight (lbs): 4.14         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: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard)         Input Wattage (W): 46.2         Total Output Wattage (W): 42         Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)         Driver Included: Yes         Driver Location: External         Driver Type: Constant Current - Universal								
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Min. Recessing Depth (mm): 260         Min. Recessing Depth (in): 10 ¼         Light Distribution: Downlight         Weight (kg): 1.88         Weight (kg): 1.88         Weight (lbs): 4.14         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: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard)         Input Wattage (W): 46.2         Total Output Wattage (W): 42         Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)         Driver Included: Yes         Driver Location: External         Driver Type: Constant Current - Universal								
Min. Recessing Depth (in): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Downlight Weight (kg): 1.88 Weight (kg): 1.88 Weight (lbs): 4.14 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: 175.00mm / 175.00mm <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 46.2 Total Output Wattage (W): 42 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: External Driver Type: Constant Current - Universal			um): 260					
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Cut-out Measurements: 175.00mm / 175.00mm  ELECTRICAL Lamp Type: LED (Zhaga Standard) Input Wattage (W): 46.2 Total Output Wattage (W): 42 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: External Driver Type: Constant Current - Universal								
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Total Output Wattage (W): 42         Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)         Driver Included: Yes         Driver Location: External         Driver Type: Constant Current - Universal			Standard)					
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: External Driver Type: Constant Current - Universal			V): 42					
Driver Location: External Driver Type: Constant Current - Universal	Dimming: Tr	i-Mode (Nor		d Phase Din	nming (120V	ac only)		
Driver Type: Constant Current - Universal	Driver Incluc	led: Yes						
	Driver Locat	ion: Externa	l					
Driver Class: Class 2	Driver Type:	Constant Cu	urrent - Univer	sal				
	Driver Class:	Class 2						

Ø 144mm 5 11/16' 186mm 7 5/16" 186mm7 5/16

Ż		ᆂ	*		J	$\uparrow$
	175mm x 175mm 6 <sup>7</sup> /8" x 6 <sup>7</sup> /8"	200mm 7 %"	10   15 mm 3/8" 9/16"	30°	355°	I
A						

IP rating: IP44

Input Voltage (V): 120 - 277 Constant Current (MA): 1050

Nominal Lumen (lm): 4240

Reflector°: 12 / 24 / 40 / 58 Adjustability: Rotational 355°; Tilt 30° RATINGS AND CERTIFICATIONS

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Certified By: Certified for North American Standards

Max. Delivered Lumen (lm): 3694.3(12°)/3431.9(24°)/3401.6(40°)

Number of LEDs: 1

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

OPTICAL

LED

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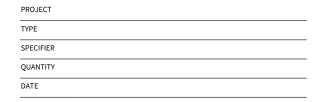
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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80mm 7 1/16"





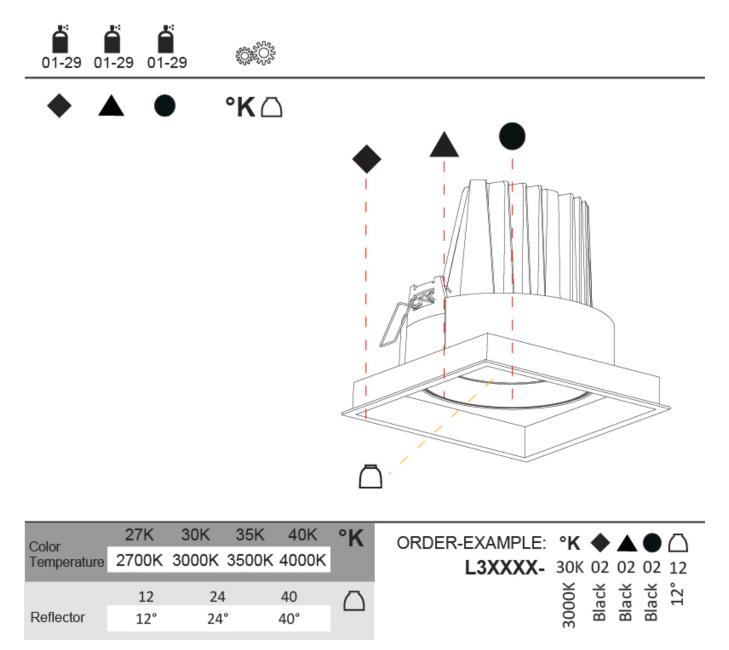


PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

### **MECHANIQ SQUARE COMFORT SINGLE RECESSED**

A35088-

For Color / Finish Chart & Symbology see Appendix or product page downloadable area.



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## **ZANEEN**<sub>®</sub>

### **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)	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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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+
7	wall and ceiling: recessed and surface mounted	3	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
À	direct light distribution	$\Box$	reflector degree selection	°K	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	Å	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	Ð	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
5	square wall or ceiling cut-out	Ğ	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>O</b> SC	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
<b>↓</b>	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)	(ه)	100
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
<b>4</b>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
R	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
	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 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
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 $80 \text{mm}$ 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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