MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35085-

| 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

| GENERAL | |
|--|------------|
| Series: Mechaniq Square Comfort | |
| Subseries: Mechaniq Square Comfort Single | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Downlight | |
| PHYSICAL | |
| Shape: Square | |
| Length (mm): 186 | |
| Length (in): 7 ⁵ / ₁₆ | |
| Width (mm): 186 | |
| Width (in): 7 ⁵ / ₁₆ | |
| Height (mm): 180 | |
| Height (in): 7 ¹ / ₁₆ | |
| Ceiling Thickness (mm): 10 / 12.5 / 15 | |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 | |
| Min. Recessing Depth (mm): 200 | |
| Min. Recessing Depth (in): $7\frac{7}{8}$ | |
| Light Distribution: Adjustable / Downlight | |
| Weight (kg): 1.88 | |
| Weight (lbs): 4.14 | |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / I | |
| LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GI | UM / CHC / |
| COM / ABZ / JAG / OBR / MOS / ROR | |
| Fixture Material: Aluminum Die Cast | |
| Cut-out Measurements: 175mm / 6 7/8" x 175mm / 6 7/8" | |
| ELECTRICAL | |
| Lamp Type: LED (Zhaga Standard) | |
| Total Output Wattage (W): 21.2 | |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120V and 0-10V Dimming) | 'ac only) |
| Driver Included: No | |
| Driver Location: Recessed Housing | |
| Driver Type: Constant Current - Universal | |
| Housing: See components | |
| Input Voltage (V): 120 - 277 | |
| | |

Constant Current (MA): 700

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 | |
| | |

OPTICAL

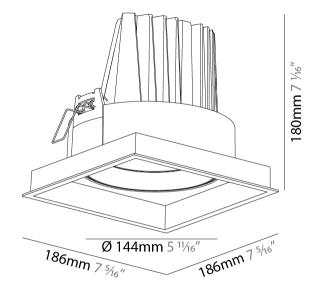
Reflector°: 8 Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

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

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |







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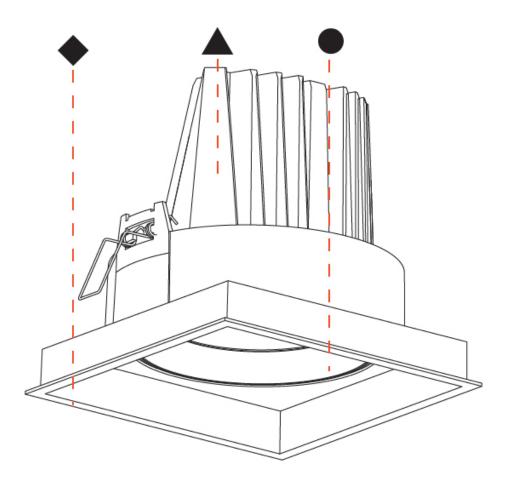
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| MECHANIC | SQUARE | COMFORT | SINGLE | RECESSED | |
|-----------------|---------------|---------|--------|----------|--|

A35085-

| PROJECT | | | |
|-----------|--|--|--|
| ТҮРЕ | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |



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А

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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: Mechani | iq Square Comfort |
| Subseries: Mech | haniq Square Comfort Single |
| Brand: Prolicht | |
| Division: Archite | ectural |
| Mounting Type: | Recessed |
| Mounting Locat | ion: Ceiling |
| Subcategory: D | ownlight |
| PHYSICAL | |
| Shape: Square | |
| Length (mm): 1 | 86 |
| Length (in): 7 ⁵ / ₁₀ | 6 |
| Width (mm): 18 | 6 |
| Width (in): 7 ⁵ / ₁₆ | |
| Height (mm): 18 | 80 |
| Height (in): 7 ¹ / ₁₆ | 5 |
| Ceiling Thickne | ss (mm): 10 / 12.5 / 15 |
| Ceiling Thickne | ss (in): 3/8 or 1/2 or 9/16 |
| Min. Recessing | Depth (mm): 200 |
| Min. Recessing | Depth (in): 7 ⁷ / ₈ |
| Light Distributio | on: Adjustable / Downlight |
| Weight (kg): 1.8 | 8 |
| Weight (lbs): 4.1 | 14 |
| LOD / PUS / FRO | SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / D / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / |
| | G / OBR / MOS / ROR I: Aluminum Die Cast |
| | rements: 175mm / 6 7/8" x 175mm / 6 7/8" |
| | |
| ELECTRICAL | |
| | D (Zhaga Standard) |
| | attage (W): 41.9 |
| and 0-10V Dimr | <u> </u> |
| Driver Included | |
| | : Recessed Housing |
| | nstant Current - Universal |
| Housing: See co | |
| Input Voltage (\ | /): 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

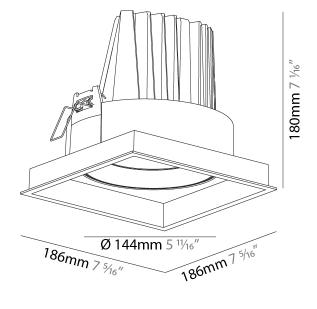
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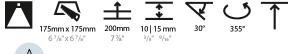
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PROJECT TYPE SPECIFIER QUANTITY DATE







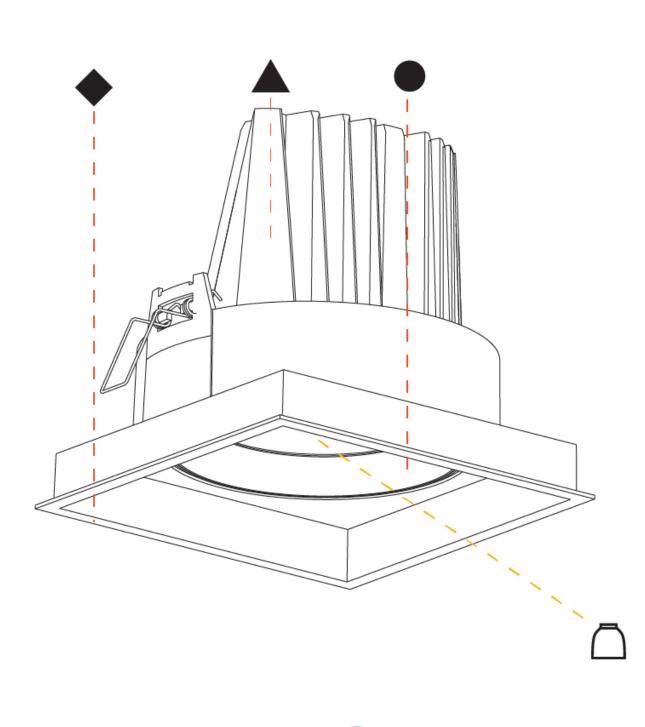
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MECHANIQ SQUARE COMFORT SINGLE RECESSED

PROJECT

| TYPE | | |
|-----------|--|--|
| SPECIFIER | | |
| QUANTITY | | |
| DATE | | |

A35088-



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MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35097-

| base number | Color | Finishes | Finishes | Finishes |
|-------------|-------------|-----------|------------|----------|
| | Temperature | (Diamond) | (Triangle) | (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 Square Comfort |
|--|
| Subseries: Mechaniq Square Comfort Double |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |
| PHYSICAL |
| Shape: Rectangle |
| Length (mm): 353 |
| Length (in): 13 $\frac{1}{3}$ |
| Width (mm): 186 |
| Width (in): 7 ⁵ / ₁₆ |
| Height (mm): 180 |
| Height (in): $7\frac{1}{16}$ |
| Ceiling Thickness (mm): 10 / 12.5 / 15 |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 |
| Min. Recessing Depth (mm): 200 |
| Min. Recessing Depth (in): 7 $\frac{7}{8}$ |
| Light Distribution: Adjustable / Downlight |
| Weight (kg): 3.671 |
| Weight (lbs): 8.093 |
| Installation Requirement: Requires 2 Housings - See Components |
| 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: 342mm | / 13 7/16" x 175mm / 6 7/8" |
|-----------------------------|-----------------------------|

ELECTRICAL

| Lamp Type: LED (Zhaga Standard) |
|---|
| Total Output Wattage (W): 21 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) |
| 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: 2 |
|--|
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 2870 / 2980 / 3136 / 3200 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |
| OPTICAL |

Reflector°: 8

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

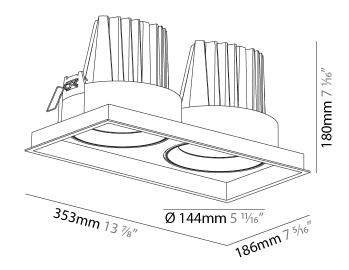
Certified By: Certified for North American Standards IP rating: IP20

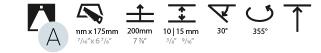
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| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |







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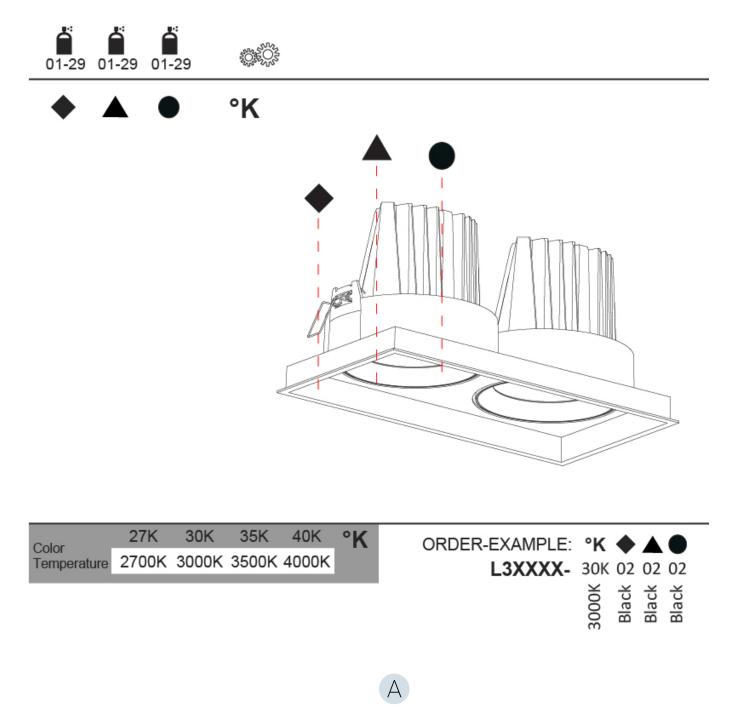
MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35097-

| PROJECT | | |
|-----------|--|--|
| ТҮРЕ | | |
| SPECIFIER | | |
| QUANTITY | | |
| DATE | | |

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



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MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35100-

| base number | Color | Finishes | 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 So | juare Comfort |
|---|---|
| Subseries: Mechani | q Square Comfort Double |
| Brand: Prolicht | |
| Division: Architectu | ral |
| Mounting Type: Rec | essed |
| Mounting Location: | Ceiling |
| Subcategory: Down | light |
| PHYSICAL | |
| Shape: Rectangle | |
| Length (mm): 353 | |
| Length (in): 13 $\frac{7}{8}$ | |
| Width (mm): 186 | |
| Width (in): 7 ⁵ / ₁₆ | |
| Height (mm): 180 | |
| Height (in): 7 ¹ / ₁₆ | |
| Ceiling Thickness (n | nm): 10 / 12.5 / 15 |
| Ceiling Thickness (in | n): 3/8 or 1/2 or 9/16 |
| Min. Recessing Dept | :h (mm): 200 |
| Min. Recessing Dept | :h (in): 7 1/8 |
| Light Distribution: A | djustable / Downlight |
| Weight (kg): 3.671 | |
| Weight (lbs): 8.093 | |
| Installation Require | ment: Requires 2 Housings - See Components |
| | ' BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG JP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / |

COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum Die Cast

| _ <u>r</u> | Fixture Material: Aluminum Die Cast | | |
|------------|---|--|--|
| (| Cut-out Measurements: 342mm / 13 7/16" x 175mm / 6 7/8" | | |

| FI. | FC | TRI | CAL |
|-----|----|-----|-----|
| | | | |

| Lamp Type: LED (Zhaga Standard) |
|---|
| Total Output Wattage (W): 83.8 |
| 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): 1050 |

LED

| Number of LEDs: 2 |
|--|
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 8070 / 8260 / 8673 / 8850 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |
| OPTICAL |

Reflector°: 12 / 24 / 40

RATINGS AND CERTIFICATIONS

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

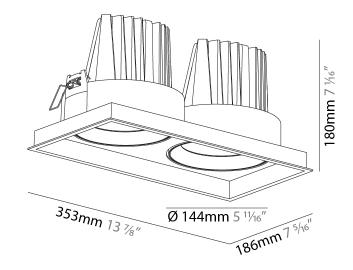
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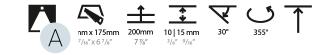
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| PROJECT | | |
|-----------|--|--|
| ТҮРЕ | | |
| SPECIFIER | | |
| QUANTITY | | |
| DATE | | |







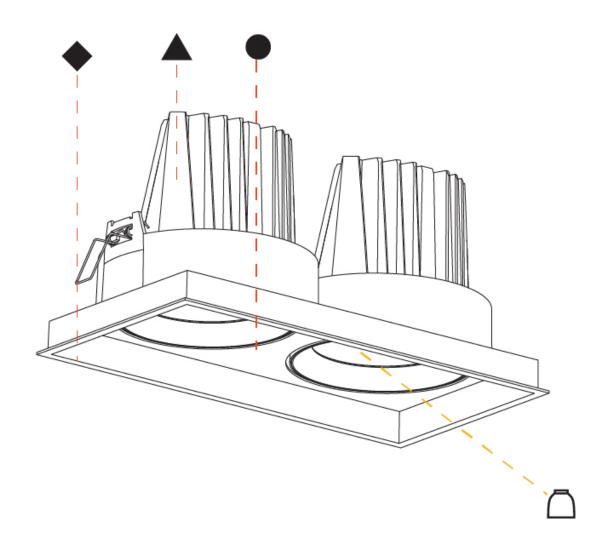
MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35100-

| PROJECT |
|---------|
|---------|

| PROJECT | | | |
|-----------|--|--|--|
| ТҮРЕ | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |



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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

| _↓_ | 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) | DSC | 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 |
| シ | sensor | D | direct diffuser | c (U) us | UL Certified to UL and CSA Standards |
| Ĩ | remote control | \odot | ball-proof (upon request) | S | 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 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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