

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

DELIGHT LOLLIPOP ROUND RECESSED

A35692- -

base number Color Finishes
 Temperature (Diamond)

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Delight
 Subseries: Delight Lollipop Round
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Wall
 Subcategory: Step Light

PHYSICAL

Shape: Round
 Diameter (mm): 55
 Diameter (in): 2 ³/₁₆
 Depth (mm): 35
 Depth (in): 1 ³/₈
 Ceiling Thickness (mm): 10 / 15
 Min. Recessing Depth (mm): 40
 Min. Recessing Depth (in): 1 ⁹/₁₆
 Light Distribution: Asymmetric
 Weight (kg): 0.11
 Weight (lbs): 0.25
 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
 Cut-out Measurements: Ø50mm / 1 15/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 2.2
 Total Output Wattage (W): 2
 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Current - 120 / 277Vac
 Input Voltage (V): 120 - 277
 Constant Current (MA): 700

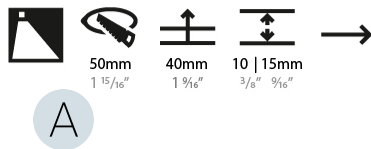
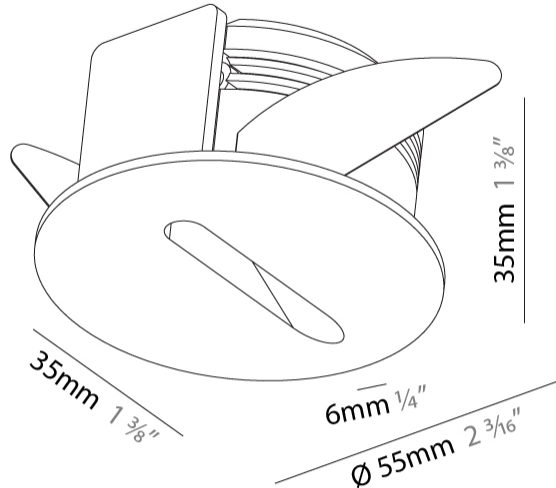
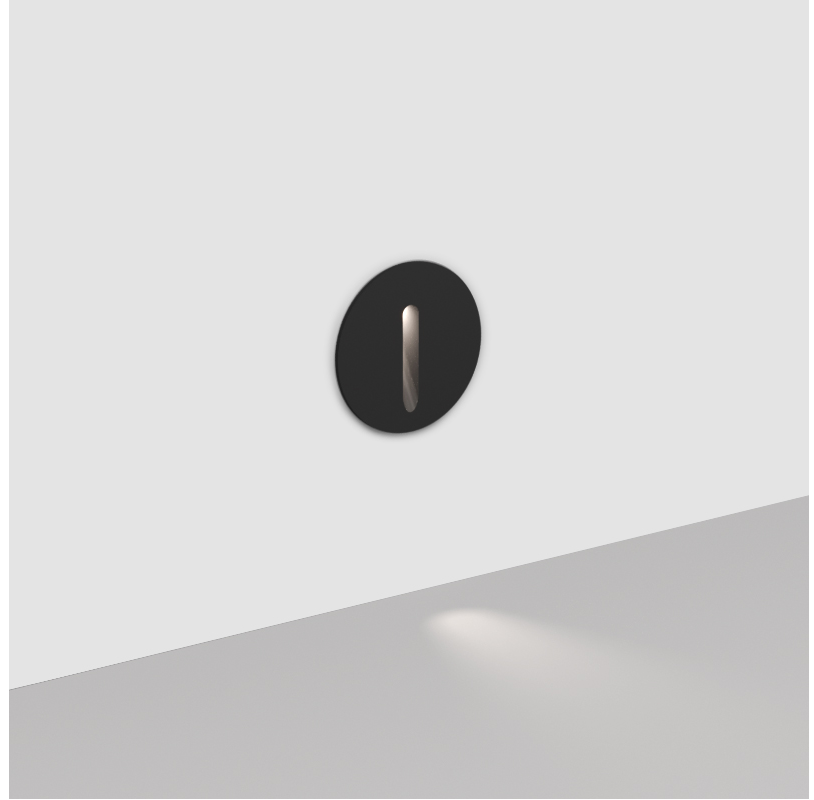
LED

Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 4000
 Max. Delivered Lumen (lm): 80 / 80 / 90
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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



DELIGHT LOLLIPOP ROUND RECESSED

A35692-

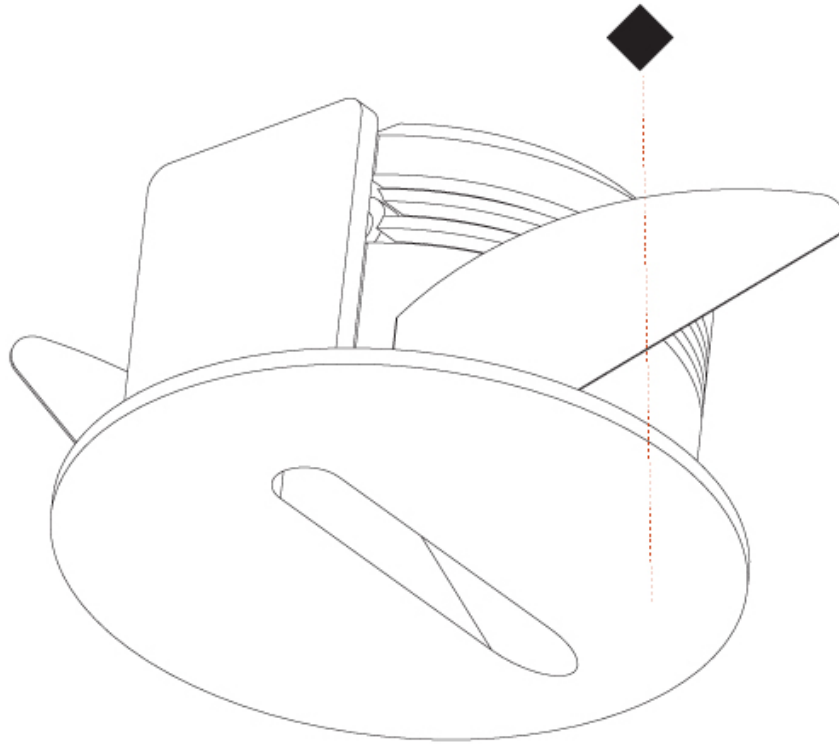
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

DELIGHT LOLLIPOP ROUND WIDE RECESSED

A35693- _____
 base number Color _____ Finishes _____
 Temperature (Diamond)

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Delight
 Subseries: Delight Lollipop Round Wide
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Wall
 Subcategory: Step Light

PHYSICAL

Shape: Round
 Diameter (mm): 55
 Diameter (in): 2 3/16
 Depth (mm): 35
 Depth (in): 1 3/8
 Min. Recessing Depth (mm): 40
 Min. Recessing Depth (in): 1 9/16
 Light Distribution: Asymmetric
 Weight (kg): 0.11
 Weight (lbs): 0.25

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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 2.2
 Total Output Wattage (W): 2
 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Current - 120 / 277Vac
 Input Voltage (V): 120 - 277
 Constant Current (MA): 700

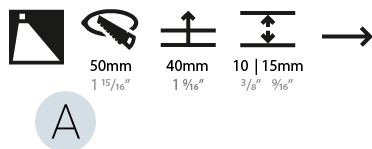
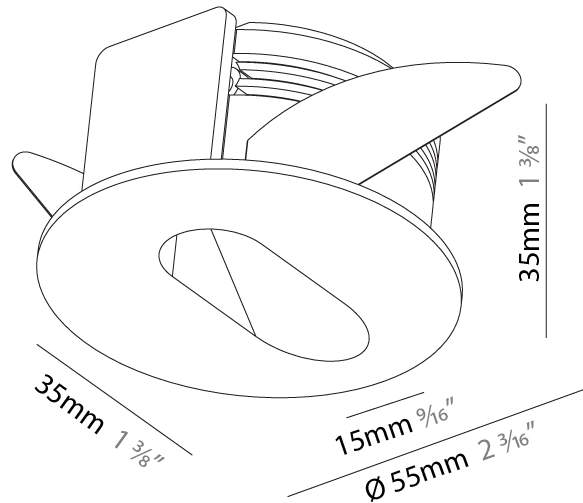
LED

Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 4000
 Max. Delivered Lumen (lm): 150 / 160 / 170
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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



DELIGHT LOLLIPOP ROUND WIDE RECESSED

A35693-

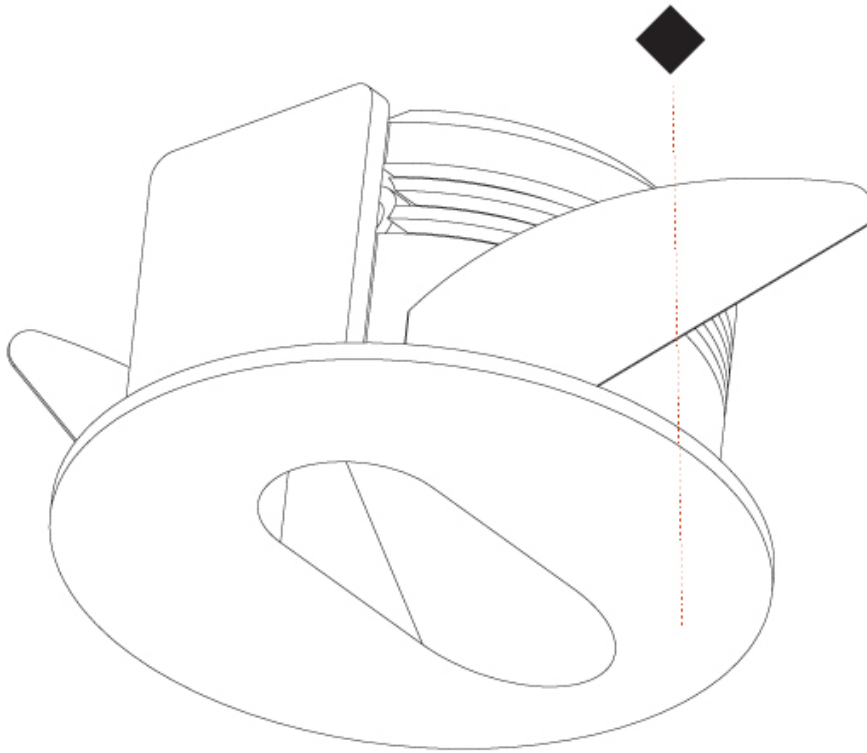
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



A

DELIGHT LOLLIPOP SQUARE RECESSED

A35694- -

base number Color Finishes
 Temperature (Diamond)

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Delight
 Subseries: Delight Lollipop Square
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Wall
 Subcategory: Step Light

PHYSICAL

Shape: Square
 Length (mm): 53
 Length (in): 2 1/16
 Height (mm): 53
 Depth (mm): 35
 Height (in): 2 1/16
 Depth (in): 1 3/8
 Min. Recessing Depth (mm): 40
 Min. Recessing Depth (in): 1 9/16
 Light Distribution: Asymmetric
 Weight (kg): 0.11
 Weight (lbs): 0.25
 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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 2.2
 Total Output Wattage (W): 2
 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Current - 120 / 277Vac
 Input Voltage (V): 120 - 277
 Constant Current (MA): 700

LED

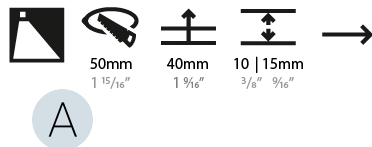
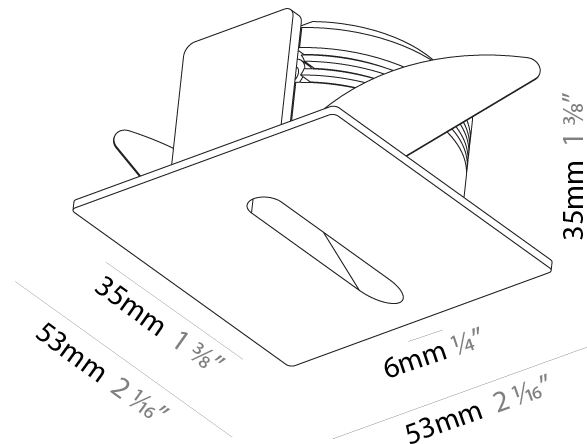
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 4000
 Max. Delivered Lumen (lm): 80 / 80 / 90
 Nominal Lumen (lm): 144
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

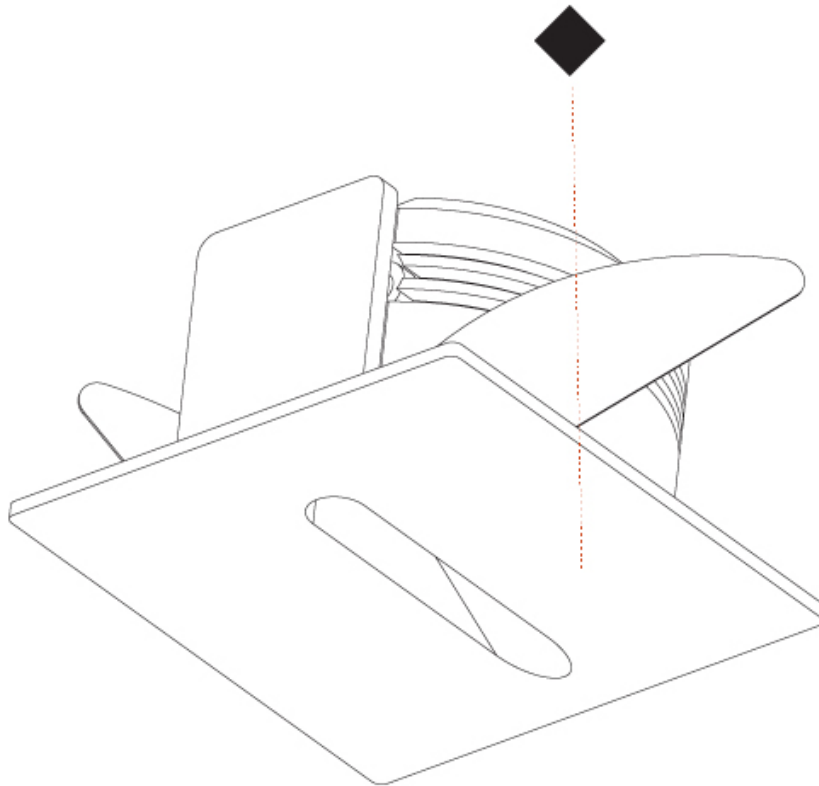
PROJECT
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DELIGHT LOLLIPOP SQUARE RECESSED

A35694-

PROJECT	_____
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QUANTITY	_____
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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

DELIGHT LOLLIPOP SQUARE WIDE RECESSED

A35695- _____
 base number Color _____ Finishes _____
 Temperature (Diamond)

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Delight
 Subseries: Delight Lollipop Square Wide
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Wall
 Subcategory: Step Light

PHYSICAL

Shape: Square
 Length (mm): 53
 Length (in): 2 1/4
 Height (mm): 53
 Depth (mm): 35
 Height (in): 2 1/4
 Depth (in): 1 3/8
 Min. Recessing Depth (mm): 40
 Min. Recessing Depth (in): 1 9/16
 Light Distribution: Asymmetric
 Weight (kg): 0.11
 Weight (lbs): 0.25
 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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 2.2
 Total Output Wattage (W): 2
 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Current - 120 / 277Vac
 Input Voltage (V): 120 - 277
 Constant Current (MA): 700

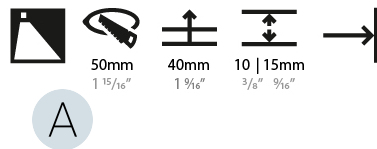
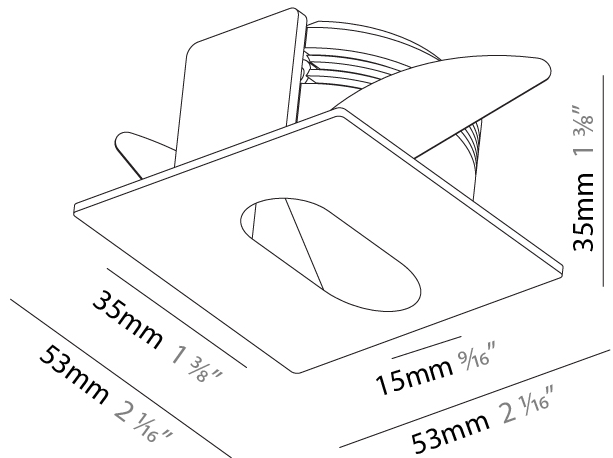
LED

Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 4000
 Max. Delivered Lumen (lm): 150 / 160 / 170
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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



DELIGHT LOLLIPOP SQUARE WIDE RECESSED

A35695-

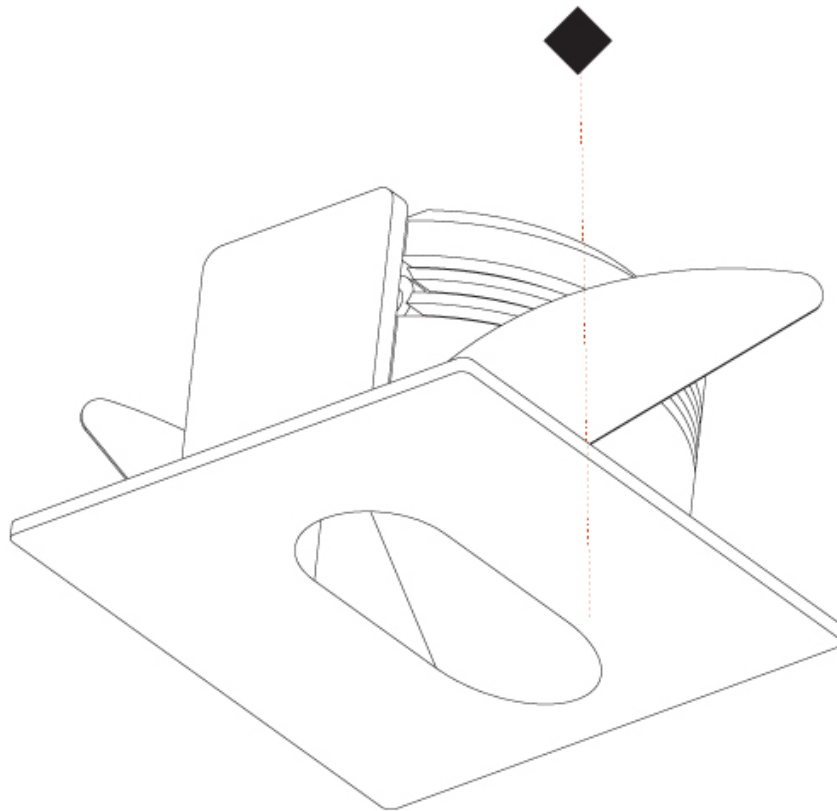
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



A

DELIGHT STRING WIDE RECESSED

A35699-

base number Color Finishes Finishes
 Temperature (Diamond) (Triangle)

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Delight
 Subseries: Delight String Wide
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Wall
 Subcategory: Step Light

PHYSICAL

Shape: Rectangle
 Length (mm): 250
 Length (in): 9 ¹³/₁₆
 Width (mm): 40
 Width (in): 1 ⁹/₁₆
 Height (mm): 250
 Depth (mm): 26
 Height (in): 9 ¹³/₁₆
 Depth (in): 1
 Ceiling Thickness (mm): 10 / 12 / 15
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16
 Min. Recessing Depth (mm): 30
 Min. Recessing Depth (in): 1 ³/₁₆
 Light Distribution: Asymmetric
 Weight (kg): .83
 Weight (lbs): 1.8
 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
 Cut-out Measurements: 240mm / 9 7/16" x 34mm / 1 5/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 2.2
 Total Output Wattage (W): 2
 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 700

LED

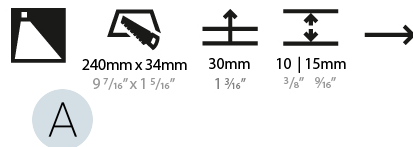
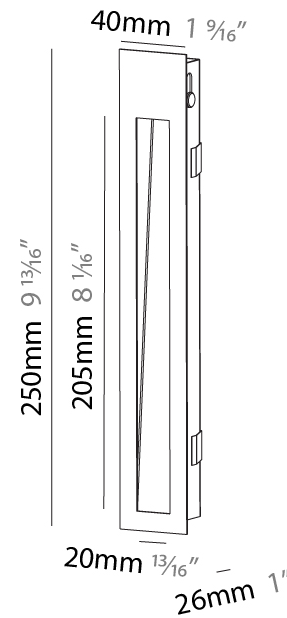
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 60 / 60 / 68 / 70
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



DELIGHT STRING WIDE RECESSED

A35699-

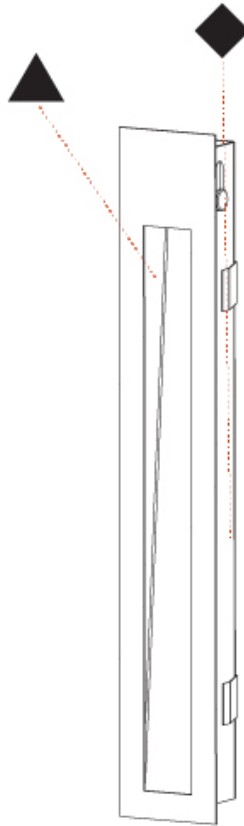
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TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



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PROJECT	
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DELIGHT STRING STEP RECESSED

A35700-

base number	LED Color Temp	Finishes (Diamond)	Finishes (Triangle)
	30/35/50		

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Delight
Subseries: Delight String Step
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Wall
Subcategory: Step Light

PHYSICAL

Shape: Rectangle
Length (mm): 190
Length (in): 7 1/2
Height (mm): 40
Depth (mm): 27
Height (in): 1 9/16
Depth (in): 1 1/16
Ceiling Thickness (mm): 10 / 12 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 30
Min. Recessing Depth (in): 1 3/16
Light Distribution: Asymmetric
Weight (kg): 0.208
Weight (lbs): 0.4576
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
Cut-out Measurements: 140mm / 5 1/2" x 34mm / 1 5/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 2.2
Total Output Wattage (W): 2
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

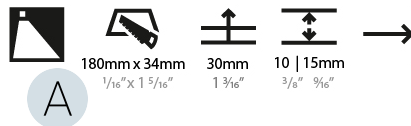
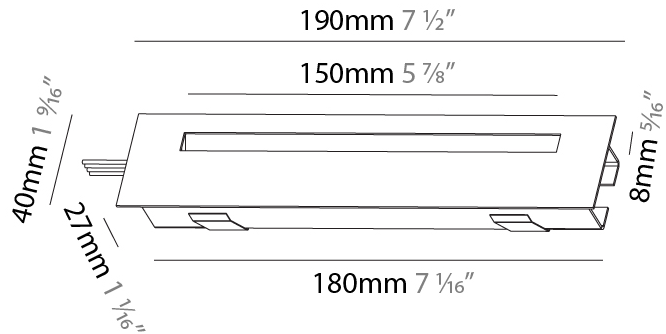
LED

Number of LEDs: 1
Color Temperature (°K): 3000 / 3500 / 5000
Max. Delivered Lumen (lm): 60
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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



DELIGHT STRING STEP RECESSED

A35700-

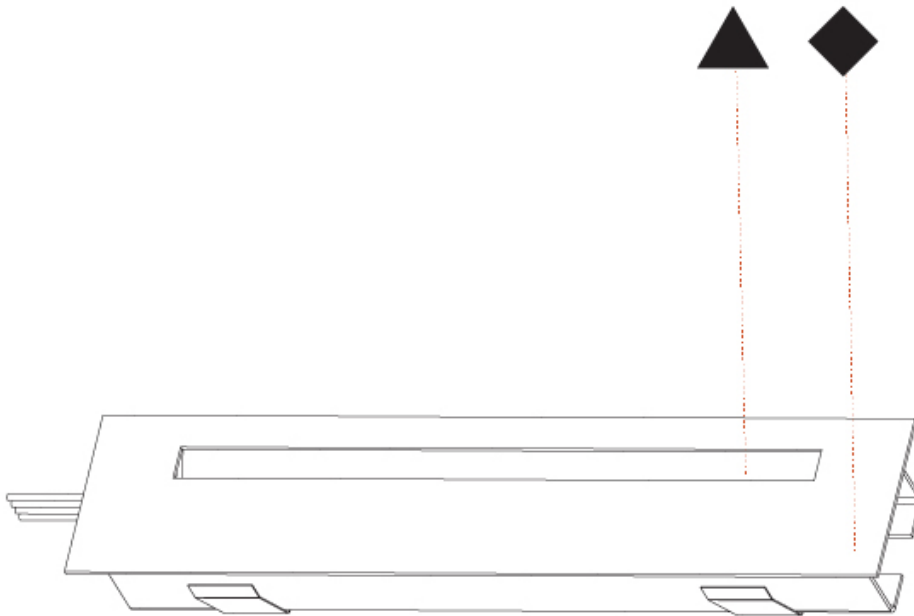
PROJECT

TYPE

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QUANTITY

DATE



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PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

DELIGHT STRING STEP RECESSED

A35701-

base number	LED Color Temp	Finishes (Diamond)	Finishes (Triangle)
	30/35/50		

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Delight
Subseries: Delight String Step
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Wall
Subcategory: Step Light

PHYSICAL

Shape: Rectangle
Length (mm): 340
Length (in): 13 3/8
Height (mm): 40
Depth (mm): 27
Height (in): 1 9/16
Depth (in): 1 1/16
Ceiling Thickness (mm): 10 / 12 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 30
Min. Recessing Depth (in): 1 3/16
Light Distribution: Asymmetric
Weight (kg): 0.404
Weight (lbs): 0.89
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
Cut-out Measurements: 330mm / 13" x 34mm / 1 5/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 4
Total Output Wattage (W): 3.6
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

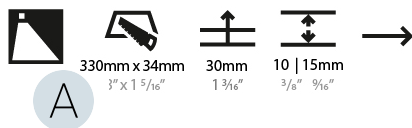
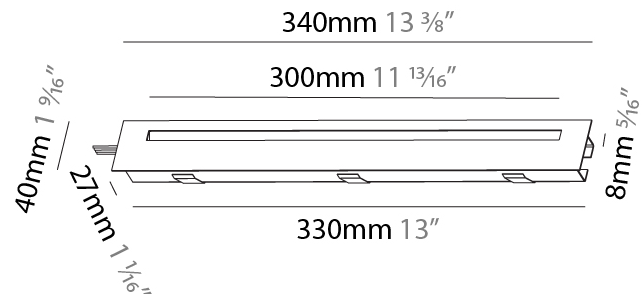
LED

Number of LEDs: 1
Color Temperature (°K): 3000 / 3500 / 5000
Max. Delivered Lumen (lm): 120
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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



DELIGHT STRING STEP RECESSED

A35701-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

DELIGHT STRING STEP WIDE RECESSED

A35702-

base number	LED Color Temp	Finishes (Diamond)	Finishes (Triangle)
	30/35/50		

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Delight
Subseries: Delight String Step Wide
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Wall
Subcategory: Step Light

PHYSICAL

Shape: Rectangle
Length (mm): 190
Length (in): 7 1/2
Height (mm): 40
Depth (mm): 27
Height (in): 1 9/16
Depth (in): 1 1/16
Ceiling Thickness (mm): 10 / 12 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 30
Min. Recessing Depth (in): 1 3/16
Light Distribution: Asymmetric
Weight (kg): 0.208
Weight (lbs): .4576
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
Cut-out Measurements: 140mm / 5 1/2" x 34mm / 1 5/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 2.2
Total Output Wattage (W): 2
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

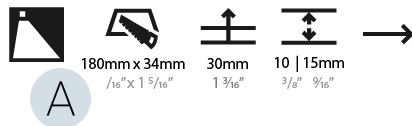
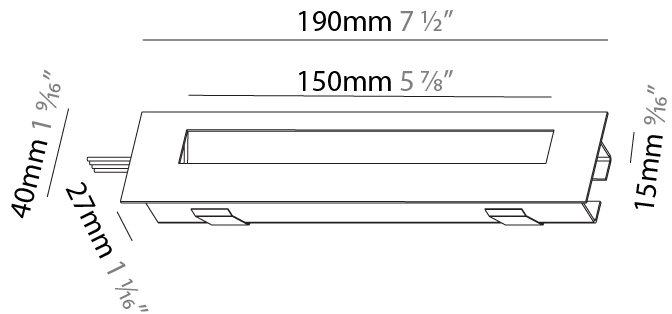
LED

Number of LEDs: 1
Color Temperature (°K): 3000 / 3500 / 5000
Max. Delivered Lumen (lm): 60
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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



DELIGHT STRING STEP WIDE RECESSED

A35702-

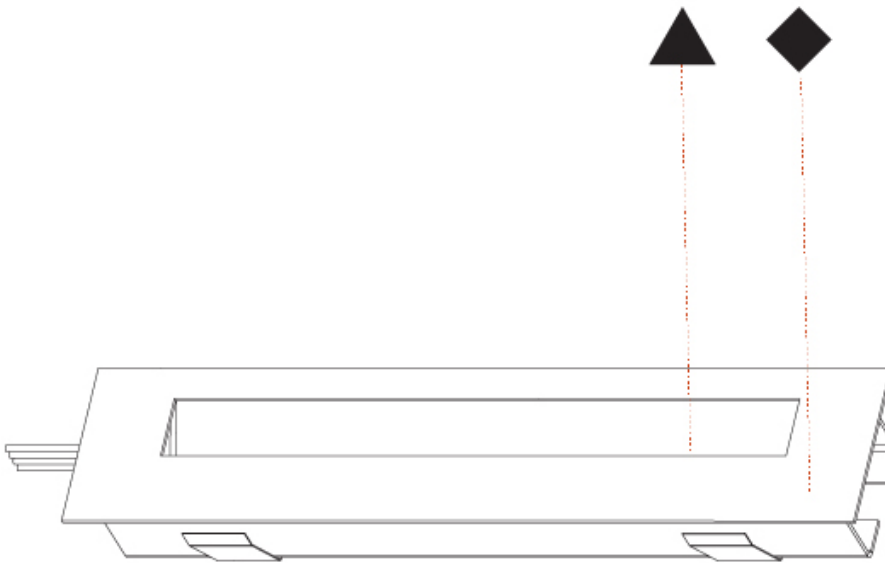
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



PROJECT	_____
TYPE	_____
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QUANTITY	_____
DATE	_____

DELIGHT STRING STEP WIDE RECESSED

A35703-

base number	LED Color Temp	Finishes (Diamond)	Finishes (Triangle)
	30/35/50		

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Delight
Subseries: Delight String Step Wide
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Wall
Subcategory: Step Light

PHYSICAL

Shape: Rectangle
Length (mm): 340
Length (in): 13 3/8
Height (mm): 40
Depth (mm): 27
Height (in): 1 9/16
Depth (in): 1 1/16
Min. Recessing Depth (mm): 30
Min. Recessing Depth (in): 1 3/16
Light Distribution: Asymmetric
Weight (kg): 0.388
Weight (lbs): 0.854
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
Cut-out Measurements: 330mm / 13" x 34mm / 1 5/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 4
Total Output Wattage (W): 3.6
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

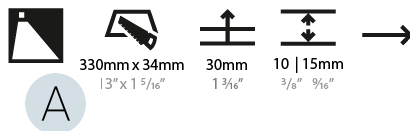
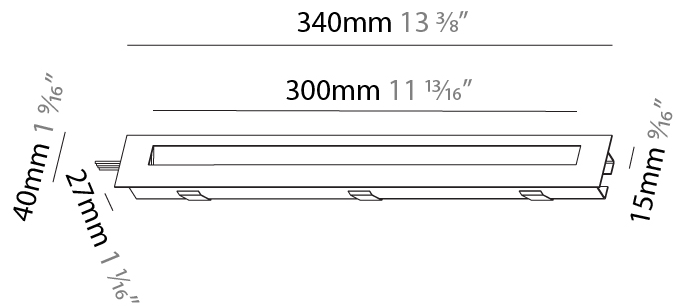
LED

Number of LEDs: 1
Color Temperature (°K): 3000 / 3500 / 5000
Max. Delivered Lumen (lm): 120
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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



DELIGHT STRING STEP WIDE RECESSED

A35703-

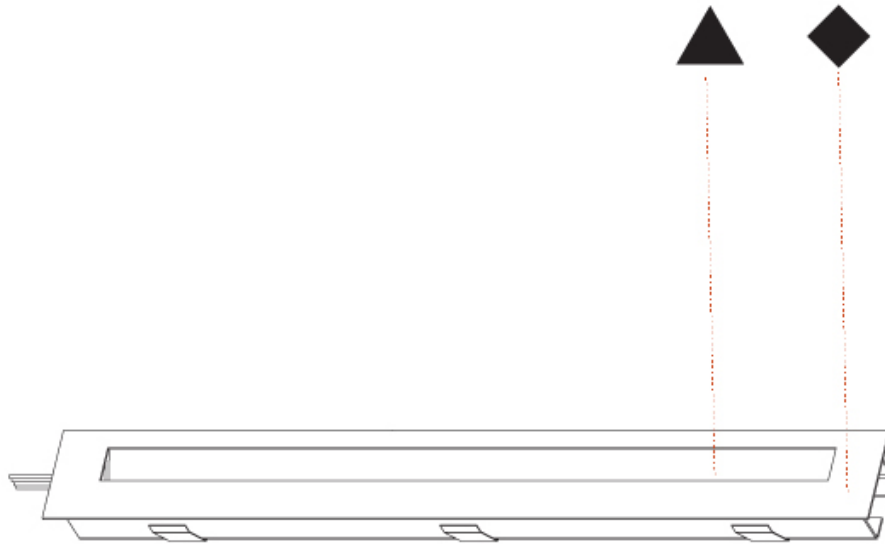
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



DELIGHT COLOR FINISH CHART

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

Fixture Finish



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.



PROJECT	
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LEGEND

floor-mounted	pivotal	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
wall and ceiling: recessed and surface mounted	rotating	warm dim / natural dimming LED
ceiling-mounted and wall-mounted	illuminate tilted	rechargeable battery powered
wall-mounted	color of suspension cable	fixture with natural vivid LED (upon request)
omni-directional light distribution	length of suspension cable	color rendering index
direct light distribution	reflector degree selection	color temperature
direct/indirect light distribution	super spot	lumen (luminous flux)
indirect light distribution	lens	efficacy (lumens per watt)
asymmetric light distribution	lens pack	Unified Glare Rating (UGR) range from 5-40
aura light distribution	shine ring	marine grade (AISI 316 stainless steel)
round wall or ceiling cut-out	integrated shine ring with diffuser	walk on
square wall or ceiling cut-out	free individual colors 01-29	drive on
the supplied jig specifies the cutout dimensions	individual colors: 00 (free of charge), 01-25 (extra charge)	Dark Sky Compliance
minimum distance (meters) lamp - object	luminaire part to be colored (F1)	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
recessed depth	luminaire part to be colored (F2)	lamp protected against explosion
ceiling thickness in mm	luminaire part to be colored (F3)	blown glass using traditional methods by master glass blower
ceiling thickness selection	luminaire part to be colored (F4)	acoustic material
dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	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
separately switchable	indirect diffuser	ETL Certified to UL and CSA Standards
sensor	direct diffuser	UL Certified to UL and CSA Standards
remote control	ball-proof (upon request)	CSA Certified to UL and CSA Standards
available upon request	accessory	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

IK01	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)
IK03	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)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	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)
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	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)