

DIXIT RA8 RECESSED

A56057-

base number _____ Color _____
 Temperature _____

- 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: Dixit
 Subseries: Dixit RA8
 Brand: Ivela
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL

Shape: Square
 Length (mm): 80
 Length (in): 3 1/8"
 Width (mm): 80
 Width (in): 3 1/8"
 Height (mm): 70
 Height (in): 2 3/4"
 Min. Recessing Depth (mm): 110
 Min. Recessing Depth (in): 4 3/16"
 Light Distribution: Direct
 Weight (kg): 0.4
 Weight (lbs): 0.88
 Diffuser: Clear Polycarbonate
 Fixture Finish: MWH
 Fixture Material: Aluminum Die Cast
 Cut-out Measurements: 70mm / 2 3/4"

ELECTRICAL

Lamp Type: LED
 Total Output Wattage (W): 9 / 12
 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
 Input Voltage (V): 120 - 277
 Constant Current (MA): 250 / 350

LED

Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 1096 / 1447
 CRI: >80 CRI
 Efficiency (%): 87.7
 Lamp Life (hrs): 50000
 Upon Request: 3500K upon request

OPTICAL

Optic°: 26
 Adjustability: Fixed
 Upon Request: Optic 45° (mirror-metallized) / 65° (white)

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP44
 IK Rating: IK08
 Glare Rating: ≤ 19



80mm 3 1/8"

51mm 2"



70mm
2 3/4"

4 5/16"
110mm



DIXIT RA8 RECESSED

A56057-

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



| | | | | | | |
|-------------------|--------------|--------------|---|------------------------|---|-------|
| | DP | DV |  | Order Example |  | K° |
| Dimming | Phase | 0-10V | | L5XXXXXX-DV-30K | | |
| Color Temperature | 27K 2700K | 30K 3000K | 35K 3500K | | 0-10V | 3000K |
| | | 40K 4000K | | | | |



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

DIXIT RA8 RECESSED

A56061-

base number Color
Temperature

- 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: Dixit
Subseries: Dixit RA8
Brand: Ivela
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Round
Diameter (mm): 96
Diameter (in): 3 ¾
Height (mm): 85
Height (in): 3 ⅜
Min. Recessing Depth (mm): 125
Min. Recessing Depth (in): 4 ⅙
Light Distribution: Direct
Weight (kg): 0.3
Weight (lbs): 0.66
Diffuser: Clear Polycarbonate
Fixture Finish: MWH
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 92mm / 3 5/8"

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 5.5 / 8.5
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
Input Voltage (V): 120 - 277
Constant Current (MA): 350 / 500

LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 501 / 638
CRI: >90 CRI
Efficiency (%): 87.7
Lamp Life (hrs): 50000
Upon Request: 3500K upon request

OPTICAL

Optic°: 26
Beam Angle: Symmetric
Adjustability: Fixed
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

RATINGS AND CERTIFICATIONS

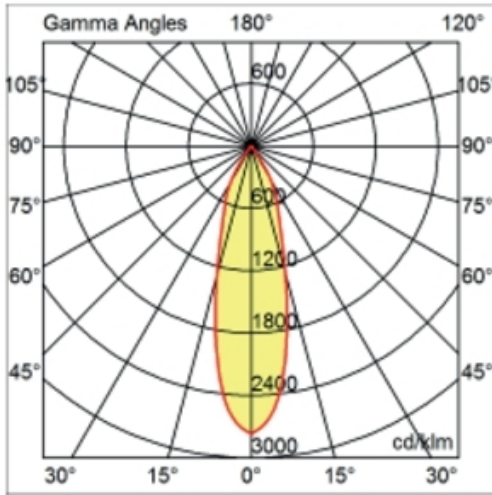
Certified By: Certified for North American Standards
IP rating: IP44
IK Rating: IK08



DIXIT RA8 RECESSED

A56061-

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



| RA 8 TL DIXIT LED 6.5W 550 lm | | | | R:100% | | | | I.Max:2958 Cd/Klm | | | |
|-------------------------------|------|---------|---------|-----------|--|------|------|-------------------|---------|----------|--|
| H[m] | D[m] | Max lux | Med lux | Alpha=26° | | H[m] | D[m] | Max lux | Med lux | Beta=26° | |
| 1.00 | 0.47 | 1508 | 939 | | | 1.00 | 0.47 | 1508 | 939 | | |
| 2.00 | 0.94 | 377 | 235 | | | 2.00 | 0.94 | 377 | 235 | | |
| 3.00 | 1.41 | 168 | 104 | | | 3.00 | 1.41 | 168 | 104 | | |
| 4.00 | 1.89 | 94 | 59 | | | 4.00 | 1.89 | 94 | 59 | | |
| 5.00 | 2.36 | 60 | 38 | | | 5.00 | 2.36 | 60 | 38 | | |

| | | | |
|-------------------|-------|-------|-------|
| Dimming | DP | DV | |
| | Phase | 0-10V | |
| Color Temperature | 27K | 30K | 35K |
| | 2700K | 3000K | 3500K |

Order Example **K°**
L5XXXXXX-DV-30K
 0-10V **3000K**



DIXIT RA8 RECESSED

A56063-

base number _____ Color _____
Temperature _____

- 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: Dixit
Subseries: Dixit RA8
Brand: Ivela
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Round
Diameter (mm): 96
Diameter (in): 3 3/4
Height (mm): 110
Height (in): 4 5/16
Min. Recessing Depth (mm): 150
Min. Recessing Depth (in): 5 7/8
Light Distribution: Direct
Weight (kg): 0.4
Weight (lbs): 0.88
Diffuser: Clear Polycarbonate
Fixture Finish: MWH
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 92mm / 3 5/8"

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 9 / 12
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
Input Voltage (V): 120 - 277
Constant Current (MA): 250 / 350

LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 1096 / 1447
CRI: >80 CRI
Efficiency (%): 87.7
Lamp Life (hrs): 50000
Upon Request: 3500K upon request

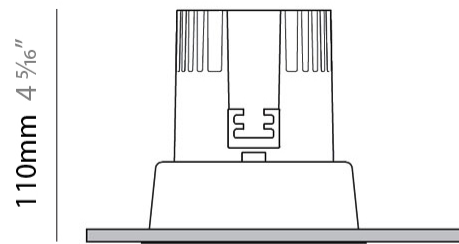
OPTICAL

Optic°: 26
Beam Angle: Symmetric
Adjustability: Fixed
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

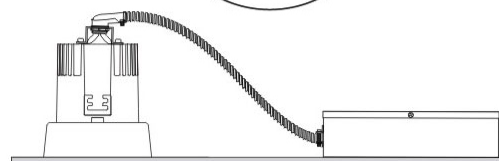
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP44
IK Rating: IK08

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



Ø96mm 3 3/4"



DIXIT RA8 RECESSED

A56063-

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



| | | | | | |
|-------------------|-------|-------|-------|-----------------|-------|
| | DP | DV | | Order Example | K° |
| Dimming | Phase | 0-10V | | L5XXXXXX-DV-30K | |
| Color Temperature | 27K | 30K | 35K | 0-10V | 3000K |
| | 2700K | 3000K | 3500K | | |

A

DIXIT RA8 RECESSED

A56069-

base number Color
Temperature

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

- 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: Dixit
Subseries: Dixit RA8
Brand: Ivela
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Round
Diameter (mm): 80
Diameter (in): 3 1/8
Height (mm): 74
Height (in): 2 15/16
Min. Recessing Depth (mm): 114
Min. Recessing Depth (in): 4 1/2
Light Distribution: Direct
Weight (kg): 0.4
Weight (lbs): 0.88
Diffuser: Clear Polycarbonate
Fixture Finish: MWH
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 70mm / 2 3/4"

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 9 / 12
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
Input Voltage (V): 120 - 277
Constant Current (MA): 250 / 350

LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 1096 / 1447
CRI: >80 CRI
Efficiency (%): 88
Lamp Life (hrs): 50000
Upon Request: 3500K upon request

OPTICAL

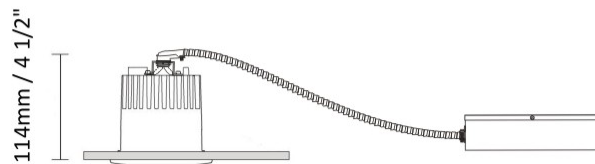
Optic°: 26
Adjustability: Fixed
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP44
IK Rating: IK08
Glare Rating: ≤ 19



Ø 70mm (2 3/4")



DIXIT RA8 RECESSED

A56069-

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



| | | | |
|-------------------|-----------|-----------|---------------------|
| | DP | DV | |
| Dimming | Phase | 0-10V | |
| Color Temperature | 27K 2700K | 30K 3000K | 35K 3500K 40K 4000K |

Order Example  **K°**
L5XXXXXX-DV-30K
 0-10V 3000K



DIXIT RA8 RECESSED

A56077-

base number _____
 Color _____
 Temperature _____

- 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: Dixit
 Subseries: Dixit RA8
 Brand: Ivela
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL

Shape: Round
 Diameter (mm): 103
 Diameter (in): 4 1/16
 Height (mm): 85
 Height (in): 3 3/8
 Min. Recessing Depth (mm): 125
 Min. Recessing Depth (in): 4 15/16
 Light Distribution: Direct
 Weight (kg): 0.3
 Weight (lbs): 0.66
 Diffuser: Clear Polycarbonate
 Fixture Finish: MWH
 Fixture Material: Aluminum Die Cast
 Cut-out Measurements: 96mm / 3 3/4"

ELECTRICAL

Lamp Type: LED
 Total Output Wattage (W): 9 / 12
 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
 Input Voltage (V): 120 - 277
 Constant Current (MA): 250 / 350

LED

Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 1096 / 1447
 CRI: >90 CRI
 Efficiency (%): 73
 Lamp Life (hrs): 50000
 Upon Request: 3500K upon request

OPTICAL

Optic°: 26
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP43



103mm (4 1/16")

103mm (4 1/16")



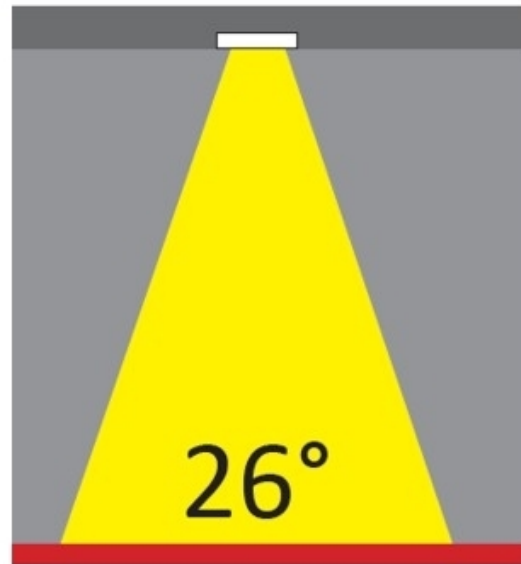
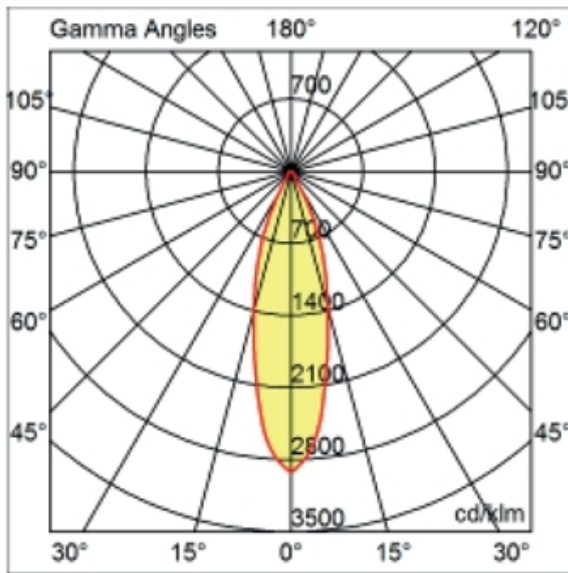
Ø96mm
(3 3/4")



DIXIT RA8 RECESSED

A56077-

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



| | | | |
|-------------------|-------|-------|-------|
| | DP | DV | |
| Dimming | Phase | 0-10V | |
| Color Temperature | 27K | 30K | 35K |
| | 2700K | 3000K | 3500K |

Order Example **K°**
L5XXXXXX-DV-30K
0-10V **3000K**

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

DIXIT RA8 RECESSED

A56121-

base number _____ Color _____
Temperature _____

- 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: Dixit
Subseries: Dixit RA8
Brand: Ivela
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Round
Diameter (mm): 80
Diameter (in): 3 1/8
Height (mm): 50
Height (in): 1 15/16
Min. Recessing Depth (mm): 90
Min. Recessing Depth (in): 3 9/16
Light Distribution: Direct
Weight (kg): 0.4
Weight (lbs): 0.88
Diffuser: Clear Polycarbonate
Fixture Finish: MWH
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 70mm / 2 3/4"

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 5.5 / 8.5
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
Input Voltage (V): 120 - 277
Constant Current (mA): 350 / 500

LED

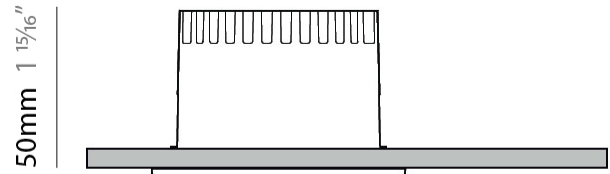
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 501 / 638
CRI: >90 CRI
Efficiency (%): 91
Lamp Life (hrs): 50000

OPTICAL

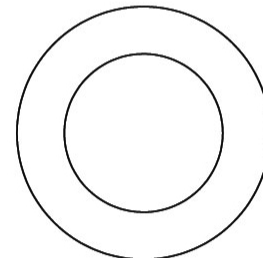
Reflector: Mirror-metallized thermoplastic material
Optic: 26
Beam Angle: Symmetric
Adjustability: Fixed
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
IP rating: IP44
IK Rating: IK08



Ø80mm 3 1/8"



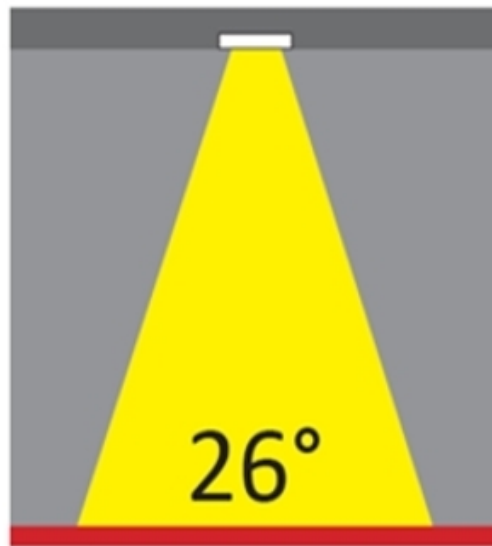
Ø70mm
2 3/4"



DIXIT RA8 RECESSED

A56121-

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



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|-------------------|-------|-------|---|------------------------|---|-------|
| | DP | DV |  | Order Example |  | K° |
| Dimming | Phase | 0-10V | | L5XXXXXX-DV-30K | | |
| Color Temperature | 27K | 30K | 35K | 40K | 0-10V | 3000K |
| | 2700K | 3000K | 3500K | 4000K | | |



PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

Fixture Finish

Matte White - MWH








































































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.



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

| | |
|---|--|
|  | protected against ingress of solid bodies greater than 12.5mm (finger) |
|  | protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain) |
|  | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture |
|  | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
|  | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions |
|  | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
|  | protected against ingress of dust protected against jets of water |
|  | protected against ingress of dust protected against powerful jets of water or heavy seas |
|  | protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes |
|  | protected against ingress of dust protected against immersion of water under pressure for long periods |

IK RATING

| | |
|---|---|
|  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface) |
|  | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) |
|  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
|  | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface) |
|  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
|  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface) |
|  | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) |
|  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
|  | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) |
|  | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) |