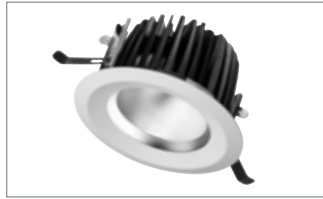


Downlight Lighting





RXS3 117



RXS Mini 120



Solstar Disk 122



VersaLux 124



Solstar LED 126





RXS3



The RXS3 is the latest generation in the RXS family, It builds on the RXS pedigree with continued evolution of proven technology and innovation.

The RXS3 has class leading efficiencies, aesthetics and quality, it is the intelligent choice where performance and value are key.

Offering a wide range of outputs, the RXS3 allows precision design choices to be made, delivering maximum energy benefit for the chosen space.

The RXS3 provides design choices from 1000 lumens to 3000 lumens, all in complimentary and matched forms.

Innovative design and inherent energy conservation gives the RXS3 efficacies up to 125Lm/cW, whilst the bespoke reflector design utilises more of the available light and provides a more attractive transition building surfaces.

- Available in 3000K and 4000K correlated colour temperature options at 80CRI
- Two size options, 95mm and 165mm cut out
- Four nominal lumen options, 1000, 1500, 2000, 3000 lumens
- High colour consistency achieved through MacAdam 3 SDCM
- Maximised energy savings with class leading efficiencies of up to 125Lm/cW
- Designed to facilitate UGR compliance to EN12464-1
- Maximised LED lifetime, 100,000hrs @L80 B50
- Available with fixed output or DALI dimming control gear
- Easy installation, with plug and play connection for larger variant
- IP65 bezel option with easy to clean profile
- Decorative 'drop cylinder' attachment option

Lamp and Control Gear Options

- Available in 3000K, 4000K, >80 CRI
- Multi-die LED technology
- Close colour tolerance: MacAdam 3 SDCM
- DALI dimming option

Materials

- Housing / heatsink - die cast aluminium, polycarbonate cable clamp
- First fix bezel - die cast aluminium, polycarbonate inserts (Large version only)
- Bezel - injection moulded polycarbonate RAL9016 finish
- IP65 bezel - injection moulded polycarbonate RAL9016 finish with clear centre lens
- Reflector - high grade satin anodised aluminium
- Drop cylinder attachment - injection moulded polycarbonate

Installation Notes

- Shallow profile to suit low ceiling voids, allow 25mm clearance above housing. Do not cover with insulation
- Allow 100mm clearance around the luminaire, with the sides free of any insulation to allow for suitable air flow
- Pre-wired driver to luminaire head minimising installation time
- Luminaire retained securely with tool-less spring clips
- Large variant has first fix bezel into which the housing twist and locks for simple installation
- RXS3 ceiling spring clips accommodate ceilings up to 30mm thickness
- Drop cylinder has simple snap fit into the IP20 trim bezel of the large and small versions - not compatible with IP65 variants

Options

- Fully integral LED emergency conversion, 3 hour duration
- Drop cylinder decorative attachment option for IP20 versions
- IP65 option available, order as complete luminaire
- CGLine+ self-test emergency versions available on special request

Catalogue numbers

Description	Cat No.	Lumens (Lms)	Circuit Watts (W)	Luminaire Efficacy (Llm/cW)	Height (mm) H	Diameter (mm) Ø1	Diameter (mm) Ø2	Cut out size (mm)	Weight (Kg)	Colour Temperature (K)
RXS3 Small 1000LM 3000K	RXS3S10003KZ	1063	9.5	111.9	79	103		95	0.5	3000
RXS3 Small 1000LM 4000K	RXS3S10004KZ	1072	9.5	112.8	79	103		95	0.5	4000
RXS3 Small 1500LM 3000K	RXS3S15003KZ	1564	14.8	105.7	79	103		95	0.5	3000
RXS3 Small 1500LM 4000K	RXS3S15004KZ	1582	14.8	106.9	79	103		95	0.5	4000
RXS3 Large 1500LM 3000K	RXS3L15003KZ	1480	12.1	122.3	98	182		165	1.8	3000
RXS3 Large 1500LM 4000K	RXS3L15004KZ	1514	12.1	125.1	98	182		165	1.8	4000
RXS3 Large 2000LM 3000K	RXS3L20003KZ	2137	17.6	121.6	98	182		165	1.8	3000
RXS3 Large 2000LM 4000K	RXS3L20004KZ	2118	17.6	120.3	98	182		165	1.8	4000
RXS3 Large 3000LM 3000K	RXS3L30003KZ	3029	25.7	117.8	98	182		165	1.8	3000
RXS3 Large 3000LM 4000K	RXS3L30004KZ	3122	25.7	121.5	98	182		165	1.8	4000
RXS3 Small decorative cylinder	RXS3SDC				29.6	41.8	64.8			
RXS3 Large decorative cylinder	RXS3LDC				47.7	77.6	113.2			

For emergency option add ER in front of catalogue number. e.g. RXS3S10003KZ becomes ERXS3S10003KZ

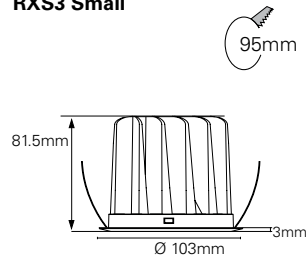
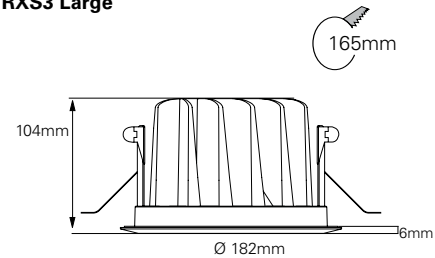
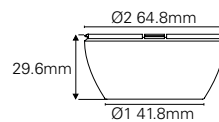
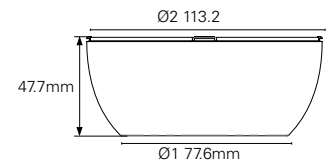
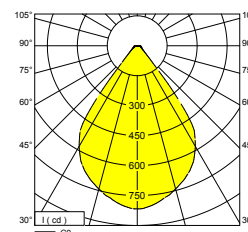
For DALI dimming option replace character Z with DD. e.g. RXS3S10003KZ becomes RXS3S10003DD

For IP65 bezel option (Drop cylinder not compatible) add the characters 65 after the colour temperature e.g. RXS3S10003KZ becomes RXS3S10003K65Z

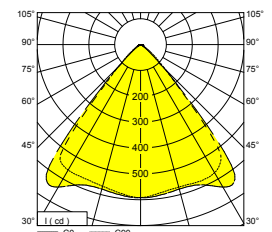
For further product specifications, please see our website.

Specification

To specify state: A recessed RXS LED Downlight with high performance passive thermal management . IP20/IP65 bezel in white RAL9016 finish. Correlated colour temperature is 3000/4000K with CRI >80 and LED lifetime 100,000hrs @ L80 B50. Eaton's RXS3 range part no _____

Dimensions**RXS3 Small****RXS3 Large****RXS3 Small decorative cylinder****RXS3 Large decorative cylinder****Photometric Data**

Cat. No. RXS3S15004KZ
RXS3 Small



Cat. No. RXS3L150044Z
RXS3 Large

WELCOME TO
YORK BARBICAN

- AUDITORIUM  
- CLIFFORD LOUNGE  
- TOILETS  
- FOYER/BALCONY BARS  
- FISHERGATE RESTAURANT  
- MEETING ROOMS  
- LIFT TO BALCONY  
- MERCHANDISE  
- TICKET MACHINES  



RXS mini



The RXS Mini is a high performance specification downlight which is part of the RXS family of luminaires.

Multi-die LED chip technology is utilised to provide a highly efficient solution which is versatile and discreet, allowing it to fit into most designs. RXS Mini offers an efficacy in excess of 60 Llm/cW allowing the product to reduce the overall energy footprint of a project while still providing a high quality light source.

The range offers a selection of lumen outputs, colour temperatures and beam angles. This allows the requirements of the desired application to be accommodated for giving more control and better results.

- Low profile housing with a range of lumen packages available
- Efficient thermal management maximises LED output, efficacy and overall life
- IP65 as standard with an easy to clean profile
- Available with fixed output, 1-10V or DALI dimmable control gear to maximise the energy savings
- 3000K, 4000K colour temperature options, all >80 CRI
- 90 minute fire rated to BS EN 1365-2:2000

LED and Control Gear Options

- Multi-die LED technology
- 3000K warm white, 4000K neutral white >80 C.R.I.
- Close colour tolerance: MacAdam 3 SDCM

Materials

- Housing/heatsink – die cast aluminium, polycarbonate cable clamp
- IP65 bezel – injection moulded polycarbonate RAL9016 finish with clear centre lens
- Reflector – high grade anodised aluminium

Installation Notes

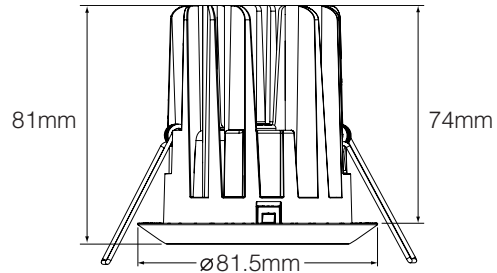
- Shallow profile to suit low ceiling voids, allow 25mm clearance above housing. Do not cover with insulation
- Allow 100mm clearance around the luminaire’s sides free of any insulation to allow for suitable air flow
- Pre-wired driver to luminaire head minimising installation time
- Control gear fits through ceiling cut out to suit solid ceilings
- Luminaire retained securely with tool less spring clips
- Ceiling spring clips accommodate up to 27mm ceiling thickness
- 90 minute fire rated to BS EN 1365-2:2000

Specification

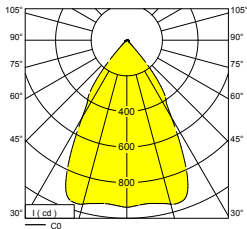
To specify state: Multi-die LED downlight with high performance passive thermal management, 81.0mm overall height, round 81.5mm diameter IP65 bezel in white RAL9016 finish as Eaton’s RXS Mini range part no _____

Dimensions

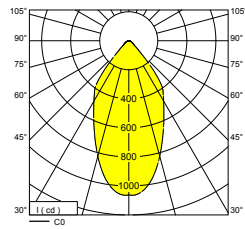
RXS Mini



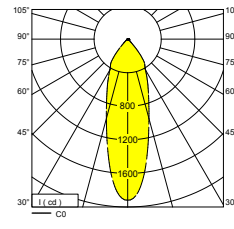
Photometric Data



SHR nom: 1:1
SHR max: 1:1.04
RXS Mini - WW Wide



SHR nom: 1:1
SHR max: 1:1.02
RXS Mini - WW Medium



SHR nom: 0.5:1
SHR max: 1:0.6
RXS Mini - WW Narrow

Catalogue Numbers

RXS1 Mini

Description	Cat No.	Lumens (Lms)	Circuit Watts (W)	Luminaire Efficacy (Llm/cW)	Height (mm) H1	Height (mm) H2	Diameter (mm) Ø1	Diameter (mm) Ø2	Cut out size (mm)	Weight (Kg)	Colour Temperature (K)
RXS1 Mini 1000LM 3000K, Wide reflector (61°)	RXS1M-1WWWZ	983	16	61	74	81	85.5		65	0.31	3000
RXS1 Mini 1000LM 4000K, Wide reflector (61°)	RXS1M-1NWWZ	1081	16	67	74	81	85.5		65	0.31	4000
RXS1 Mini 1000LM 3000K, Medium reflector (54°)	RXS1M-1WWWZ	877	16	55	74	81	85.5		65	0.31	3000
RXS1 Mini 1000LM 4000K, Medium reflector (54°)	RXS1M-1NWWZ	948	16	59	74	81	85.5		65	0.31	4000
RXS1 Mini 1000LM 3000K, Narrow reflector (31°)	RXS1M-1WWWZ	939	16	59	74	81	85.5		65	0.31	3000
RXS1 Mini 1000LM 4000K, Narrow reflector (31°)	RXS1M-1NWWZ	1014	16	63	74	81	85.5		65	0.31	4000

For DALI Dimming option replace character Z with DD, e.g. RXS1M-1WWWZ becomes RXS1M-1WWWDD

For more information on the installation requirements and product specifications, please visit our website: <https://uk.eaton.com/content/gb/en/products/product-catalog/rxs-mini-led-downlights.html>

Solstar Disk



The Solstar Disk is a slim, solid die cast aluminium downlight ideal for small ceiling cavities.

This highly aesthetic recessed luminaire is available in four lumen output versions, available with 3 hour maintained emergency options.

Made with high quality die cast aluminium construction.

The Solstar Disk has a back lit LED array with opal polycarbonate diffuser for high quality uniform lit appearance.

The Solstar Disk is a highly efficient LED luminaire with delivered lumens of up to 110 lm/cW.

- Available in 3000K and 4000K CCT options
- Wide range of nominal lumen values:
 - 1000 Lumen
 - 1600 Lumen
 - 1900 Lumen
 - 3000 Lumen
- Available with fixed output or DALI dimmable control gear to maximise energy savings
- 3 size options, all low profile
 - \varnothing 140mm x 22.5mm (\varnothing 125mm cut out)
 - \varnothing 180mm x 24mm (\varnothing 165mm cut out)
 - \varnothing 230mm x 24mm (\varnothing 210mm cut out)

LED and Control Gear Options

- High output, efficient LED array, 80CRI
- Available in: 3000K, 4000K, >80 CRI
- Energy efficient fixed output control gear as standard
- DALI Dimming option

Materials

- Opal polycarbonate diffuser
- Die cast aluminium housing
- Steel spring retention clips

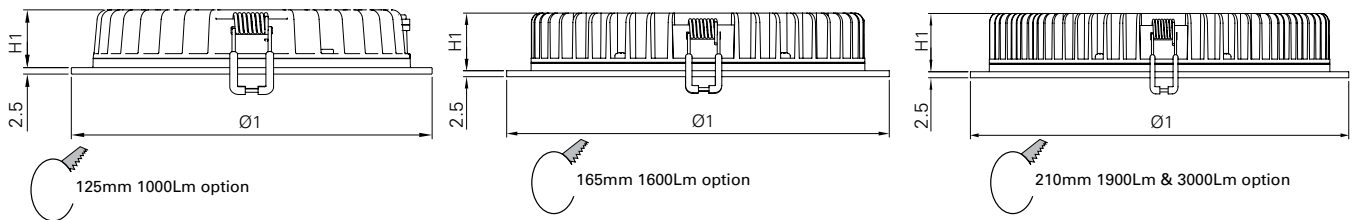
Installation Notes

- Shallow profile to suit low ceiling voids
- Allow 25mm clearance above housing
- Do not cover with insulation
- Allow 100mm clearance around the luminaire's sides free of any insulation to allow for suitable air flow
- IP44 luminaire head and IP20 LED driver
- Luminaire retained securely with toolless spring clips

Options

- 1000, 1600, 1900, 3000 nominal lumen options
- ø140mm x 22.5mm
- ø180mm x 24mm
- ø230mm x 24mm
- 3hr maintained emergency functionality*

Dimensions



Catalogue Numbers

Description	Cat No.	Lumens (Lms)	Circuit Watts (W)	Luminaire Efficacy (Llm/cW)	Height (mm) H1	Diameter (mm) Ø1	Cut out size (mm)	Weight (Kg)	Colour Temperature (K)
Solstar Disk 1000LM 3000K	SLK10003KZ	1069	11.2	95.6	22.5	140	125	0.3	3000
Solstar Disk 1000LM 4000K	SLK10004KZ	1123	11.2	100	22.5	140	125	0.3	4000
Solstar Disk 1600LM 3000K	SLK16003KZ	1594	15.0	106.2	24	180	165	0.47	3000
Solstar Disk 1600LM 4000K	SLK16004KZ	1653	15.1	109.5	24	180	165	0.47	4000
Solstar Disk 1900LM 3000K	SLK19003KZ	1846	18.6	99.1	24	230	210	0.7	3000
Solstar Disk 1900LM 4000K	SLK19004KZ	2016	18.3	110.5	24	230	210	0.7	4000
Solstar Disk 3000LM 3000K	SLK30003KZ	2899	28.2	102.7	24	230	210	0.7	3000
Solstar Disk 3000LM 4000K	SLK30004KZ	3021	28.4	106.5	24	230	210	0.7	4000

For DALI dimming option replace character Z with DD. e.g. SLK16003KZ becomes SLK16003KDD

For emergency option add EL in front of catalogue number. e.g. SLK16003KZ becomes ELSLK16003KZ

*Emergency option is not available for the 1000LM versions.

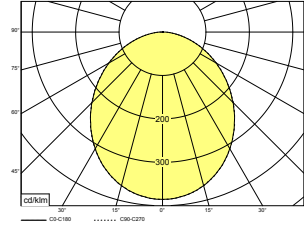
For more information on the installation requirements and product specifications, please visit our website: <https://uk.eaton.com/content/gb/en/products/product-catalog/downlight-solstardisk-eaton.html>

Specification

To specify state: Recessed low profile, back lit LED Downlight with HF / DALI gear with plug and socket connection, Aluminium body and bezel, As Eaton's Solstar Disk range, part no _____

Photometric Data

Cat. No. SLK19004KZ



SHR nom: 1.25:1
SHR max: 1.389:1

Utilisation factors / TM5

Reflectances		Room Index									
C	W	F	0.75	1.0	1.25	1.5	2	2.5	3.0	4.0	5.0
0.7	0.5	0.2	58	68	75	81	88	93	96	100	103
0.7	0.3	0.2	50	61	68	74	82	87	91	96	100
0.7	0.1	0.2	45	55	63	68	77	82	87	93	97
0.5	0.5	0.2	56	66	73	78	85	89	92	96	99
0.5	0.3	0.2	50	60	67	72	79	84	88	93	96
0.5	0.1	0.2	44	54	62	67	75	81	85	90	94
0.3	0.5	0.2	55	64	71	75	82	86	89	93	95
0.3	0.3	0.2	49	58	65	70	77	82	85	90	93
0.3	0.1	0.2	44	54	61	66	74	79	82	88	91
0	0	0	42	51	58	63	70	75	78	83	86
BZ-class			5	4	4	4	4	4	4	3	3

See page 468 for design guide

VersaLux



VersaLux is a new range of LED downlights designed with both new build and retrofit projects in mind.

Available in four lumen output versions, 3 hour maintained emergency option available on higher output.

The VersaLux is a simple highly versatile LED downlight that delivers an appealing recessed aesthetic.

Designed with simplicity in mind the VersaLux is easy to install, complete with an integrated driver for direct mains connection.

Suggested use; corridors, reception areas, offices, schools.

- Available in 3000K & 4000K CCT options to suit many environments
- Highly versatile, with a wide range of nominal lumen options and cut out sizes;
 - 800 lumen, ø100mm cut out
 - 1100 lumen, ø150mm cut out
 - 1500 lumen, ø150mm cut out
 - 2000 lumen, ø200mm cut out

LED and Control Gear Options

- High output, efficient LED array, 80 CRI
- Energy efficient fixed output control gear as standard

Materials

- Opal polycarbonate diffuser
- Polycarbonate driver housing
- Aluminium bezel and built in reflector
- Steel spring retention clips

Installation Notes

- Allow 25mm clearance above housing. Do not cover with insulation
- Allow 100mm clearance around the luminaire's sides free of any insulation to allow for suitable air flow
- IP20 luminaire head
- Mains directly wired into luminaire terminal block
- Spring clip retention

Options

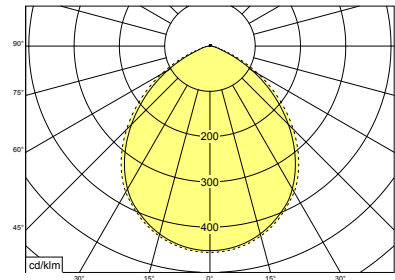
- 3000K, 4000K colour temperature
- 800, 1100, 1500, 2000 lumen options
 - 800Lms variant: ø100mm cut out
 - 1100Lms and 1500Lms variants: ø150mm cut out
 - 2000Lms variant: ø200mm cut out
- 3hr maintained emergency functionality

Specification

To specify state: Recessed LED downlight with integrated fixed output LED driver, aluminium body and bezel. As Eaton's VersaLux range, part no. _____

Photometric Data

Cat. No. VSX15004KZ



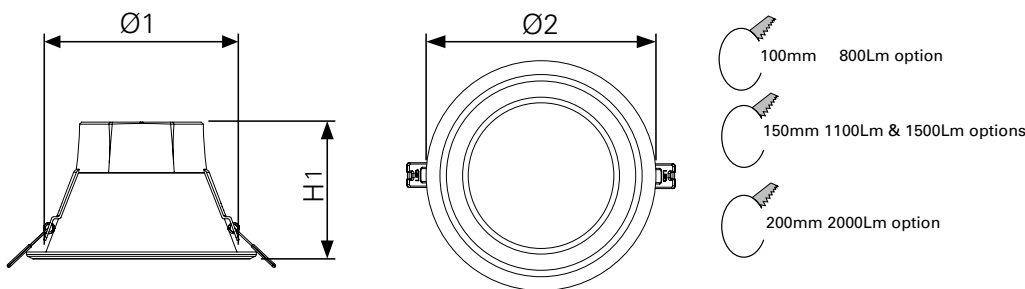
SHR nom: 1.25:1
SHR max: 1.34:1

Utilisation factors / TM5

Reflectances		Room Index									
C	W	F	0.75	1.0	1.25	1.5	2	2.5	3.0	4.0	5.0
0.7	0.5	0.2	64	74	81	86	93	97	100	104	106
0.7	0.3	0.2	57	68	75	80	87	92	96	100	103
0.7	0.1	0.2	52	63	70	76	83	88	92	97	101
0.5	0.5	0.2	62	72	79	83	89	93	96	99	102
0.5	0.3	0.2	56	66	73	78	85	90	93	97	99
0.5	0.1	0.2	52	62	69	74	81	86	90	94	97
0.3	0.5	0.2	61	70	77	81	87	90	93	96	98
0.3	0.3	0.2	55	65	72	77	83	87	90	94	96
0.3	0.1	0.2	51	61	68	73	80	84	87	92	94
0	0	0	49	59	66	70	76	81	83	87	89
BZ-class			3	3	3	3	3	2	3	3	3

See page 468 for design guide

Dimensions



Catalogue Numbers

Description	Cat No.	Lumens (Lms)	Circuit Watts (W)	Luminaire Efficacy (Llm/cW)	Height (mm) H1	Diameter (mm) Ø1	Diameter (mm) Ø2	Cut out size (mm)	Weight (Kg)	Colour Temperature (K)
VersaLux 800LM 3000K	VSX8003KZ	800	9	89	88	99	117	100	0.18	3000
VersaLux 800LM 4000K	VSX8004KZ	800	9	89	88	99	117	100	0.18	4000
VersaLux 1100LM 3000K	VSX11003KZ	1100	12	92	100	142	167	150	0.26	3000
VersaLux 1100LM 4000K	VSX11004KZ	1100	12	92	100	142	167	150	0.26	4000
VersaLux 1500LM 3000K	VSX15003KZ	1500	16	94	100	142	167	150	0.26	3000
VersaLux 1500LM 4000K	VSX15004KZ	1500	16	94	100	142	167	150	0.26	4000
VersaLux 2000LM 3000K	VSX20003KZ	2000	21	95	110	193	217	200	0.36	3000
VersaLux 2000LM 4000K	VSX20004KZ	2000	21	95	110	193	217	200	0.36	4000

For emergency option add EL in front of catalogue number. e.g. - VSX1103KZ becomes ELVSX11003KZ.

Emergency option not available on the 800LM option

For more information on the installation requirements and product specifications, please visit our website: <https://uk.eaton.com/content/gb/en/products/product-catalog/versalux-downlights.html>

Solstar LED



Solstar LED is a high performance range of LED downlights designed with both new build and retrofit projects in mind. Many new LED downlights have reduced the housing diameter to suit the LED source, however, the traditional dimensions of the two sizes in this range are ideal for retrofit/upgrade situations due to the large cut out diameter left by the existing product.

Available in four light output versions, all are backed up by a 3 hour maintained emergency option. Solstar LED is highly versatile and suits most internal applications. The die-cast aluminium front bezel can be substituted for an ever popular haloglass attachment by retrofitting in a simple twist and lock motion.

- Energy saving of 75% when compared to already low energy fluorescent models
- Twist and lock attachment for ease of installation and clean aesthetics
- Cut out diameter designed to match most compact fluorescent types, which makes Solstar LED an ideal upgrade product
- Highly versatile with a wide range of lumen outputs and 3 hour maintained emergency versions to suit many applications
- DALI dimmable option increases potential energy savings and provides additional user comfort and control

LED and Control Gear Options

- High performance LED array and LED driver system
- 4000K, Ra +80

Materials

- Housing - die cast aluminium
- Bezel - die cast aluminium in white finish
- Bezel optic - diffused white finish, opal polycarbonate (TPa rated)

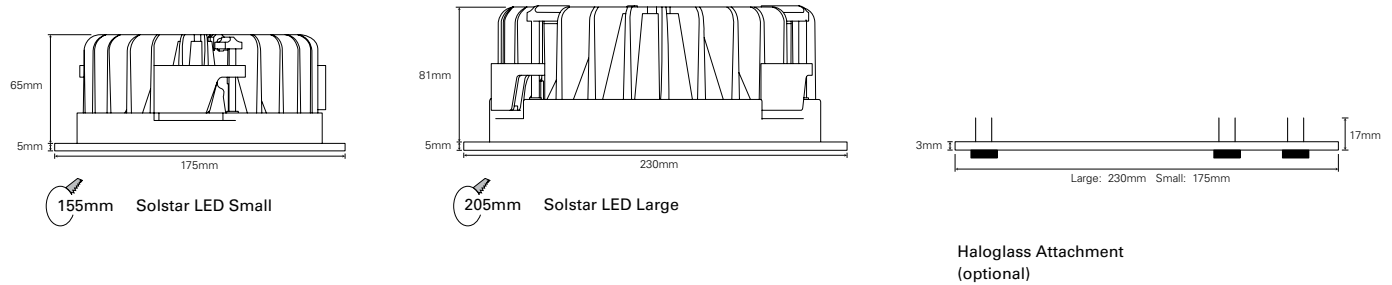
Installation Notes

- The luminaire head is IP44 rated, the remote control gear is IP20 rated
- The integrated ceiling clamp screws are accessed during installation by removing the twist and lock bezel
- The ceiling clamps suit ceiling depths of up to 45mm large, 30mm small
- The haloglass accessory attachment is retained with a twist and lock action and replaces the standard bezel
- Allow a minimum of 100mm clearance around the downlight and 35mm above to allow adequate air flow
- Haloglass accessories reduce the lumen output by approx 6.3%. Photometric data files are available on request or via Relux and Dialux

Options

- Haloglass accessory - ordered separately
- Integrated 3hr maintained emergency functionality

Dimensions



Catalogue Numbers

Description	Cat No.	Lumens (Lms)	Circuit Watts (W)	Luminaire Efficacy (Llm/cW)	Height (mm) H1	Height (mm) H2	Diameter (mm) Ø1	Diameter (mm) Ø2	Cut out size (mm)	Weight (Kg)	Colour Temperature (K)
Solstar LED Small 1000LM 4000K	SLD100KZ	966lm	10	96.6	65	65	175		155	0.6	4000
Solstar LED Small 1450LM 4000K	SLD145KZ	1433lm	15	95.5	65	65	175		155	1.2	4000
Solstar LED Small drop glass	SLDSHGLASS				3	17	175			0.24	4000
Solstar LED Large 1950LM 4000K	SLD195KZ	1921lm	18	106.7	81	81	230		205	1.2	4000
Solstar LED Large 2600LM 4000K	SLD260KZ	2608lm	27	96.6	81	81	230		205	1.2	4000
Solstar LED Large drop glass	SLDLHGLASS				3	17	230			0.54	4000

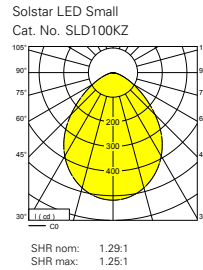
Note: Standard versions are Class II double insulated
Emergency versions are Class I and must be earthed
For DALI dimmable options, replace the Z with DD, e.g. SLD260KZ becomes SLD260DD

For more information on the installation requirements and product specifications, please visit our website: <https://uk.eaton.com/content/gb/en/products/product-catalog/solstar-led-downlights.html>

Specification

To specify state: Recessed LED downlight with twist and lock die-cast aluminium bezel. HF/DALI control gear with plug and socket connection as Eaton's Solstar LED range, part no. _____

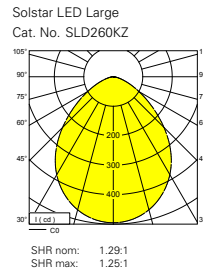
Photometric Data



Utilisation factors / TM5

Reflectances			Room Index								
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
70	50	20	67	77	83	88	94	98	101	104	107
70	30	20	61	71	77	82	89	94	97	101	104
70	10	20	56	66	73	78	85	90	94	98	102
50	50	20	66	75	81	85	91	95	97	101	103
50	30	20	60	69	76	81	87	91	94	98	100
50	10	20	55	65	72	77	84	88	91	96	98
30	50	20	64	73	79	83	88	92	94	97	99
30	30	20	59	68	75	79	85	89	91	95	97
30	10	20	55	65	71	76	82	86	89	93	95
0	0	0	53	62	69	73	79	83	85	89	91
BZ-class			2	2	2	2	2	2	2	2	2

See page 468 for design guide



Utilisation factors / TM5

Reflectances			Room Index								
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
70	50	20	66	76	83	87	93	98	100	104	106
70	30	20	59	69	76	81	88	93	96	101	103
70	10	20	54	65	72	77	84	89	93	98	101
50	50	20	65	74	80	85	90	94	97	100	102
50	30	20	59	68	75	80	86	90	93	97	100
50	10	20	54	64	71	76	82	87	91	95	98
30	50	20	63	72	78	82	88	91	93	97	98
30	30	20	58	67	74	78	84	88	91	94	97
30	10	20	54	63	70	75	81	85	88	92	95
0	0	0	52	61	67	72	78	82	84	88	90
BZ-class			2	3	3	3	3	2	3	3	3

See page 468 for design guide



