

TECHNICAL DATA

Power	18 W
Operating voltage	230 V AC / 50 Hz
Type of luminaire	Recessed luminaire / Downlight
LED Type	COB
Control	Standard DALI
Luminous flux class	2.000 lm
Light efficiency	up to 143 lm/W
Colour consistency	3 SDCM
Lifetime	L80 B10 65.000 h @ 25°C *
Housing	Aluminium
Cooling	Passiv cooling
Rotation / swing angle	350° / 70°
Weight	1,20 kg
Warranty	5 Years



INSTRUCTION



Further information on the control gear can be found in the operating instructions belonging to this product.

TYPES



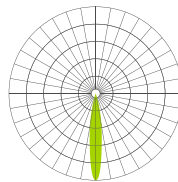
white

grey

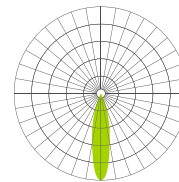
black

BEAM ANGLE

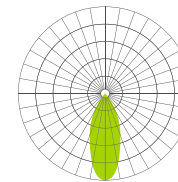
15°



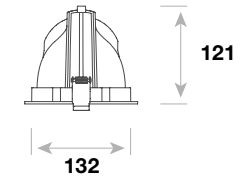
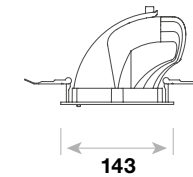
24°



40°



DIMENSIONS (mm)



ARTICLE OVERVIEW STANDARD

Product	Power	Light colour	CRI	Luminous flux	Housing-colour	Beam angle 15°	Beam angle 24°	Beam angle 40°
DLA1-M20	18 W	3.000 K	80	2.515 lm	Black	8100649	8100652	8100655
DLA1-M20	18 W	3.000 K	80	2.515 lm	White	8100650	8100653	8100656
DLA1-M20	18 W	3.000 K	80	2.515 lm	Grey	8100651	8100654	8100657
DLA1-M20	18 W	4.000 K	80	2.577 lm	Black	8100658	8100661	8100664
DLA1-M20	18 W	4.000 K	80	2.577 lm	White	8100659	8100662	8100665
DLA1-M20	18 W	4.000 K	80	2.577 lm	Grey	8100660	8100663	8100666
DLA1-M20	18 W	5.700 K	80	2.577 lm	Black	8100667	8100670	8100673
DLA1-M20	18 W	5.700 K	80	2.577 lm	White	8100668	8100671	8100674
DLA1-M20	18 W	5.700 K	80	2.577 lm	Grey	8100669	8100672	8100675
DLA1-M20	18 W	3.000 K	92	2.178 lm	Black	8100676	8100679	8100682
DLA1-M20	18 W	3.000 K	92	2.178 lm	White	8100677	8100680	8100683
DLA1-M20	18 W	3.000 K	92	2.178 lm	Grey	8100678	8100681	8100684
DLA1-M20	18 W	4.000 K	92	2.362 lm	Black	8100685	8100688	8100691
DLA1-M20	18 W	4.000 K	92	2.362 lm	White	8100686	8100689	8100692
DLA1-M20	18 W	4.000 K	92	2.362 lm	Grey	8100687	8100690	8100693
DLA1-M20	18 W	5.700 K	92	2.347 lm	Black	8100694	8100697	8100700
DLA1-M20	18 W	5.700 K	92	2.347 lm	White	8100695	8100698	8100701
DLA1-M20	18 W	5.700 K	92	2.347 lm	Grey	8100696	8100699	8100702

ARTICLE OVERVIEW STANDARD

DLA1-M20	18 W	Brilliance 3.000 K	97	1.917 lm	Black	8100703	8100706	8100709
DLA1-M20	18 W	Brilliance 3.000 K	97	1.917 lm	White	8100704	8100707	8100710
DLA1-M20	18 W	Brilliance 3.000 K	97	1.917 lm	Grey	8100705	8100708	8100711
DLA1-M20	18 W	Brilliance 4.000 K	97	2.040 lm	Black	8101441	8101444	8101447
DLA1-M20	18 W	Brilliance 4.000 K	97	2.040 lm	White	8101442	8101445	8101448
DLA1-M20	18 W	Brilliance 4.000 K	97	2.040 lm	Grey	8101443	8101446	8101449
DLA1-M20	18 W	Fresh meat		1.007 lm	Black	8100712	8100715	8100718
DLA1-M20	18 W	Fresh meat		1.007 lm	White	8100713	8100716	8100719
DLA1-M20	18 W	Fresh meat		1.007 lm	Grey	8100714	8100717	8100720
DLA1-M20	18 W	Cheese & pastry	92	2.055 lm	Black	8100721	8100724	8100727
DLA1-M20	18 W	Cheese & pastry	92	2.055 lm	White	8100722	8100725	8100728
DLA1-M20	18 W	Cheese & pastry	92	2.055 lm	Grey	8100723	8100726	8100729
DLA1-M20	18 W	Fruit & vegetable	97	1.917 lm	Black	8101450	8101453	8101456
DLA1-M20	18 W	Fruit & vegetable	97	1.917 lm	White	8101451	8101454	8101457
DLA1-M20	18 W	Fruit & vegetable	97	1.917 lm	Grey	8101452	8101455	8101458

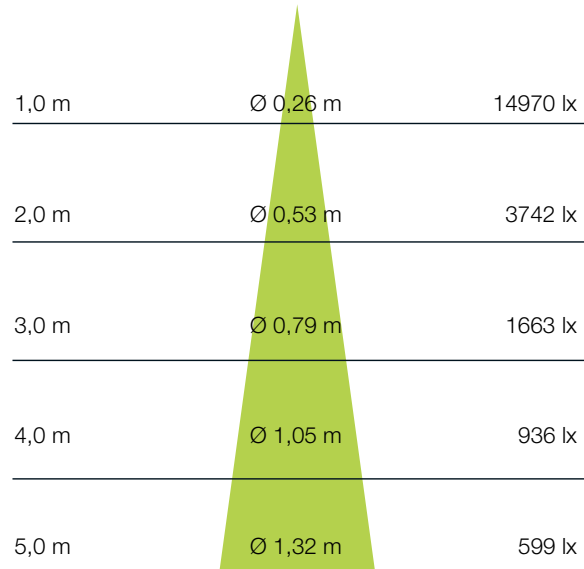
ARTICLEOVERVIEW DALI

Product	Power	Light colour	CRI	Luminous flux	Housing-colour	Beam angle 15°	Beam angle 24°	Beam angle 40°
DLA1-M20-DALI	18 W	3.000 K	80	2.515 lm	Black	8100730	8100733	8100736
DLA1-M20-DALI	18 W	3.000 K	80	2.515 lm	White	8100731	8100734	8100737
DLA1-M20-DALI	18 W	3.000 K	80	2.515 lm	Grey	8100732	8100735	8100738
DLA1-M20-DALI	18 W	4.000 K	80	2.577 lm	Black	8100739	8100742	8100745
DLA1-M20-DALI	18 W	4.000 K	80	2.577 lm	White	8100740	8100743	8100746
DLA1-M20-DALI	18 W	4.000 K	80	2.577 lm	Grey	8100741	8100744	8100747
DLA1-M20-DALI	18 W	5.700 K	80	2.577 lm	Black	8100748	8100751	8100754
DLA1-M20-DALI	18 W	5.700 K	80	2.577 lm	White	8100749	8100752	8100755
DLA1-M20-DALI	18 W	5.700 K	80	2.577 lm	Grey	8100750	8100753	8100756
DLA1-M20-DALI	18 W	3.000 K	92	2.178 lm	Black	8100757	8100760	8100763
DLA1-M20-DALI	18 W	3.000 K	92	2.178 lm	White	8100758	8100761	8100764
DLA1-M20-DALI	18 W	3.000 K	92	2.178 lm	Grey	8100759	8100762	8100765
DLA1-M20-DALI	18 W	4.000 K	92	2.362 lm	Black	8100766	8100769	8100772
DLA1-M20-DALI	18 W	4.000 K	92	2.362 lm	White	8100767	8100770	8100773
DLA1-M20-DALI	18 W	4.000 K	92	2.362 lm	Grey	8100768	8100771	8100774
DLA1-M20-DALI	18 W	5.700 K	92	2.347 lm	Black	8100775	8100778	8100781
DLA1-M20-DALI	18 W	5.700 K	92	2.347 lm	White	8100776	8100779	8100782
DLA1-M20-DALI	18 W	5.700 K	92	2.347 lm	Grey	8100777	8100780	8100783

ARTICLEOVERVIEW DALI

DLA1-M20-DALI	18 W	Brilliance 3.000 K	97	1.917 lm	Black	8100784	8100787	8100790
DLA1-M20-DALI	18 W	Brilliance 3.000 K	97	1.917 lm	White	8100785	8100788	8100791
DLA1-M20-DALI	18 W	Brilliance 3.000 K	97	1.917 lm	Grey	8100786	8100789	8100792
DLA1-M20-DALI	18 W	Brilliance 4.000 K	97	2.040 lm	Black	8101459	8101462	8101465
DLA1-M20-DALI	18 W	Brilliance 4.000 K	97	2.040 lm	White	8101460	8101463	8101466
DLA1-M20-DALI	18 W	Brilliance 4.000 K	97	2.040 lm	Grey	8101461	8101464	8101467
DLA1-M20-DALI	18 W	Fresh meat		1.007 lm	Black	8100793	8100796	8100799
DLA1-M20-DALI	18 W	Fresh meat		1.007 lm	White	8100794	8100797	8100800
DLA1-M20-DALI	18 W	Fresh meat		1.007 lm	Grey	8100795	8100798	8100801
DLA1-M20-DALI	18 W	Cheese & pastry	92	2.055 lm	Black	8100802	8100805	8100808
DLA1-M20-DALI	18 W	Cheese & pastry	92	2.055 lm	White	8100803	8100806	8100809
DLA1-M20-DALI	18 W	Cheese & pastry	92	2.055 lm	Grey	8100804	8100807	8100810
DLA1-M20-DALI	18 W	Fruit & vegetable	97	1.917 lm	Black	8101468	8101471	8101474
DLA1-M20-DALI	18 W	Fruit & vegetable	97	1.917 lm	White	8101469	8101472	8101475
DLA1-M20-DALI	18 W	Fruit & vegetable	97	1.917 lm	Grey	8101470	8101473	8101476

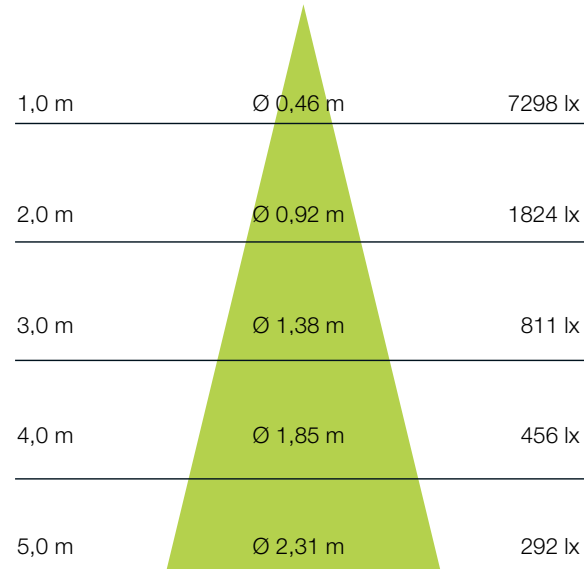
BEAM ANGLE 18°



h (m) Ø (m) E0° (lx)

Values valid for 4.000 K / Ra 90

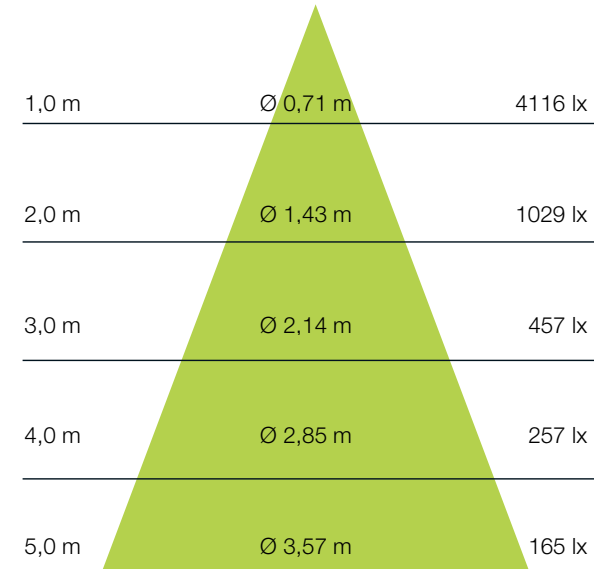
BEAM ANGLE 24°



h (m) Ø (m) E0° (lx)

Values valid for 4.000 K / Ra 90

BEAM ANGLE 36°



h (m) Ø (m) E0° (lx)

Values valid for 4.000 K / Ra 90

IMPORTANT NOTES

All technical parameters apply to the entire product. Due to the complex manufacturing process of light emitting diodes, the specified typical LED parameters are only purely statistical values and may deviate.

The specified type of use must be strictly adhered to. Deviations may affect the stability of the fixture. Please observe the information in the mounting instructions before using the products.

The specified type of use must be observed. Deviations may affect the stability of the fastening. Before using the products, please observe the notes in the installation instructions.

Mercury content	0,0 mg
Mercury-free	yes
Professional disposal according to WEEE	yes

NOTES TO THE LIFE TIME

Decisive factors for the life time are the ambient temperature and the operating temperature (Tc). Exceeding the permissible limits results in a substantial reduction of the life time and can even lead to the destruction of the products. The specified life time represents a statistical quantity.

NOTES TO ELECTRICAL AND PHOTOMETRIC DATA

Colour coordinates according to CIE 1931

Rated ambient temperature: $t_a = 25^\circ$

Measuring tolerance colour coordinates (x/y) +/- 0,005

Tolerance range of electrical / photometric data: +/- 10%

DISCLAIMER

Changes and errors excepted. Due to the continuous development of all products, technical and design changes can occur at any time. Make sure that you always use the latest version of the data sheet.

WARRANTY NOTES

Please refer to our warranty conditions on:

<https://www.ledxon.de/en/guarantee/>

Further product data as well as current information can be found at www.ledxon.com