

## TECHNICAL DATA

<b>Power</b>	41 W - 46 W
<b>Operating voltage</b>	230 V AC / 50 Hz
<b>Type of luminaire</b>	Recessed luminaire / Downlight
<b>LED Type</b>	COB
<b>Control</b>	Standard   DALI   Bluetooth
<b>Luminous flux class</b>	5.000 lm
<b>Light efficiency</b>	up to 143 lm/W
<b>Colour consistency</b>	3 SDCM
<b>Lifetime</b>	L80 B10 65.000 h @ 25°C *
<b>Housing</b>	Aluminium
<b>Cooling</b>	Passiv cooling
<b>Rotation / swing angle</b>	350° / 70°
<b>Weight</b>	1,85 kg
<b>Warranty</b>	5 Years



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

## TYPES



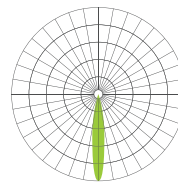
white

grey

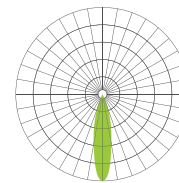
black

## BEAM ANGLE

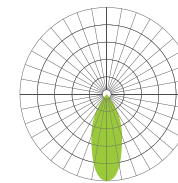
15°



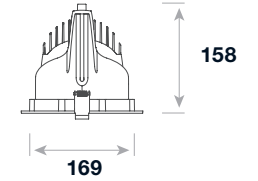
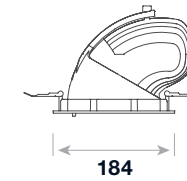
24°



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-L50	41 W	3.000 K	80	5.583 lm	Black	8101135	8101138	8101141
DLA1-L50	41 W	3.000 K	80	5.583 lm	White	8101136	8101139	8101142
DLA1-L50	41 W	3.000 K	80	5.583 lm	Grey	8101137	8101140	8101143
DLA1-L50	41 W	4.000 K	80	5.863 lm	Black	8101144	8101147	8101150
DLA1-L50	41 W	4.000 K	80	5.863 lm	White	8101145	8101148	8101151
DLA1-L50	41 W	4.000 K	80	5.863 lm	Grey	8101146	8101149	8101152
DLA1-L50	41 W	5.700 K	80	5.793 lm	Black	8101153	8101156	8101159
DLA1-L50	41 W	5.700 K	80	5.793 lm	White	8101154	8101157	8101160
DLA1-L50	41 W	5.700 K	80	5.793 lm	Grey	8101155	8101158	8101161
DLA1-L50	41 W	3.000 K	92	4.920 lm	Black	8101162	8101165	8101168
DLA1-L50	41 W	3.000 K	92	4.920 lm	White	8101163	8101166	8101169
DLA1-L50	41 W	3.000 K	92	4.920 lm	Grey	8101164	8101167	8101170
DLA1-L50	41 W	4.000 K	92	5.200 lm	Black	8101171	8101174	8101177
DLA1-L50	41 W	4.000 K	92	5.200 lm	White	8101172	8101175	8101178
DLA1-L50	41 W	4.000 K	92	5.200 lm	Grey	8101173	8101176	8101179
DLA1-L50	41 W	5.700 K	92	5.130 lm	Black	8101180	8101183	8101186
DLA1-L50	41 W	5.700 K	92	5.130 lm	White	8101181	8101184	8101187

## ARTICLE OVERVIEW STANDARD

DLA1-L50	41 W	5.700 K	92	5.130 lm	Grey	8101182	8101185	8101188
DLA1-L50	41 W	Brilliance 3.000 K	97	4.292 lm	Black	8101189	8101192	8101195
DLA1-L50	41 W	Brilliance 3.000 K	97	4.292 lm	White	8101190	8101193	8101196
DLA1-L50	41 W	Brilliance 3.000 K	97	4.292 lm	Grey	8101191	8101194	8101197
DLA1-L50	41 W	Brilliance 4.000 K	97	4.537 lm	Black	8101549	8101552	8101555
DLA1-L50	41 W	Brilliance 4.000 K	97	4.537 lm	White	8101550	8101553	8101556
DLA1-L50	41 W	Brilliance 4.000 K	97	4.537 lm	Grey	8101551	8101554	8101557
DLA1-L50	46 W	Fresh meat		2.437 lm	Black	8101198	8101201	8101204
DLA1-L50	46 W	Fresh meat		2.437 lm	White	8101199	8101202	8101205
DLA1-L50	46 W	Fresh meat		2.437 lm	Grey	8101200	8101203	8101206
DLA1-L50	41 W	Cheese & pastry	92	4.606 lm	Black	8101207	8101210	8101213
DLA1-L50	41 W	Cheese & pastry	92	4.606 lm	White	8101208	8101211	8101214
DLA1-L50	41 W	Cheese & pastry	92	4.606 lm	Grey	8101209	8101212	8101215
DLA1-L50	41 W	Fruit & vegetable	97	4.292 lm	Black	8101558	8101561	8101564
DLA1-L50	41 W	Fruit & vegetable	97	4.292 lm	White	8101559	8101562	8101565
DLA1-L50	41 W	Fruit & vegetable	97	4.292 lm	Grey	8101560	8101563	8101566

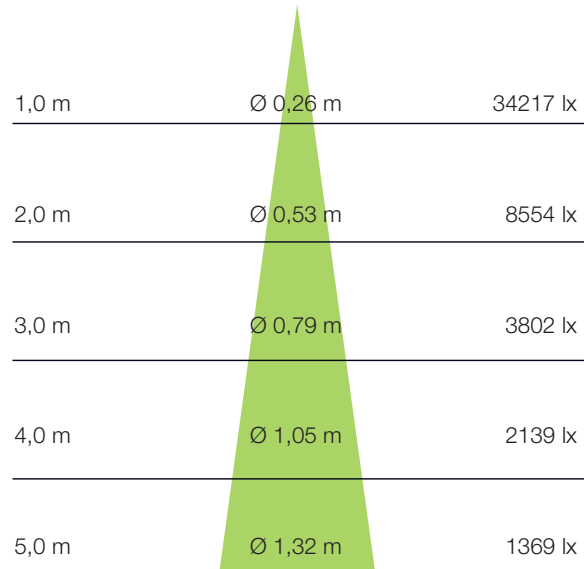
## ARTICLE OVERVIEW DALI

Product	Power	Light colour	CRI	Luminous flux	Housing-colour	Beam angle 15°	Beam angle 24°	Beam angle 40°
DLA1-L50-DALI	41 W	3.000 K	80	5.583 lm	Black	8101216	8101219	8101222
DLA1-L50-DALI	41 W	3.000 K	80	5.583 lm	White	8101217	8101220	8101223
DLA1-L50-DALI	41 W	3.000 K	80	5.583 lm	Grey	8101218	8101221	8101224
DLA1-L50-DALI	41 W	4.000 K	80	5.863 lm	Black	8101225	8101228	8101231
DLA1-L50-DALI	41 W	4.000 K	80	5.863 lm	White	8101226	8101229	8101232
DLA1-L50-DALI	41 W	4.000 K	80	5.863 lm	Grey	8101227	8101230	8101233
DLA1-L50-DALI	41 W	5.700 K	80	5.793 lm	Black	8101234	8101237	8101240
DLA1-L50-DALI	41 W	5.700 K	80	5.793 lm	White	8101235	8101238	8101241
DLA1-L50-DALI	41 W	5.700 K	80	5.793 lm	Grey	8101236	8101239	8101242
DLA1-L50-DALI	41 W	3.000 K	92	4.920 lm	Black	8101243	8101246	8101249
DLA1-L50-DALI	41 W	3.000 K	92	4.920 lm	White	8101244	8101247	8101250
DLA1-L50-DALI	41 W	3.000 K	92	4.920 lm	Grey	8101245	8101248	8101251
DLA1-L50-DALI	41 W	4.000 K	92	5.200 lm	Black	8101252	8101255	8101258
DLA1-L50-DALI	41 W	4.000 K	92	5.200 lm	White	8101253	8101256	8101259
DLA1-L50-DALI	41 W	4.000 K	92	5.200 lm	Grey	8101254	8101257	8101260
DLA1-L50-DALI	41 W	5.700 K	92	5.130 lm	Black	8101261	8101264	8101267
DLA1-L50-DALI	41 W	5.700 K	92	5.130 lm	White	8101262	8101265	8101268
DLA1-L50-DALI	41 W	5.700 K	92	5.130 lm	Grey	8101263	8101266	8101269

## ARTICLE OVERVIEW DALI

DLA1-L50-DALI	41 W	Brilliance 3.000 K	97	4.292 lm	Black	8101270	8101273	8101276
DLA1-L50-DALI	41 W	Brilliance 3.000 K	97	4.292 lm	White	8101271	8101274	8101277
DLA1-L50-DALI	41 W	Brilliance 3.000 K	97	4.292 lm	Grey	8101272	8101275	8101278
DLA1-L50-DALI	41 W	Brilliance 4.000 K	97	4.537 lm	Black	8101567	8101570	8101573
DLA1-L50-DALI	41 W	Brilliance 4.000 K	97	4.537 lm	White	8101568	8101571	8101574
DLA1-L50-DALI	41 W	Brilliance 4.000 K	97	4.537 lm	Grey	8101569	8101572	8101575
DLA1-L50-DALI	46 W	Fresh meat		2.437 lm	Black	8101279	8101282	8101285
DLA1-L50-DALI	46 W	Fresh meat		2.437 lm	White	8101280	8101283	8101286
DLA1-L50-DALI	46 W	Fresh meat		2.437 lm	Grey	8101281	8101284	8101287
DLA1-L50-DALI	41 W	Cheese & pastry	92	4.606 lm	Black	8101288	8101291	8101294
DLA1-L50-DALI	41 W	Cheese & pastry	92	4.606 lm	White	8101289	8101292	8101295
DLA1-L50-DALI	41 W	Cheese & pastry	92	4.606 lm	Grey	8101290	8101293	8101296
DLA1-L50-DALI	41 W	Fruit & vegetable	97	4.292 lm	Black	8101576	8101579	8101582
DLA1-L50-DALI	41 W	Fruit & vegetable	97	4.292 lm	White	8101577	8101580	8101583
DLA1-L50-DALI	41 W	Fruit & vegetable	97	4.292 lm	Grey	8101578	8101581	8101584

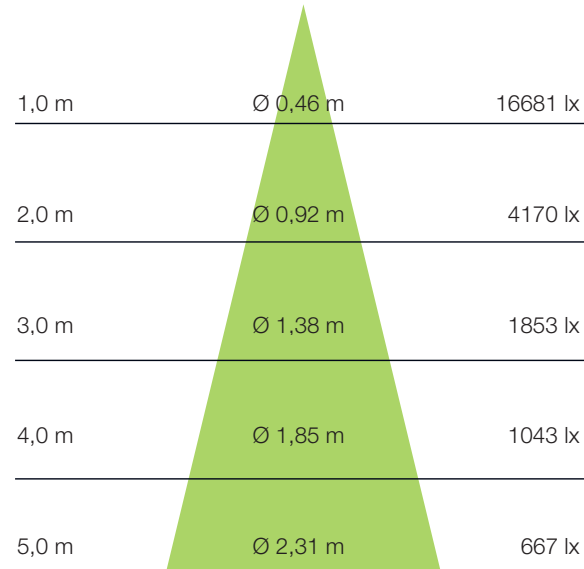
## BEAM ANGLE 15°



h (m)                      Ø (m)                      E0° (lx)

Values valid for 4.000 K / Ra 90

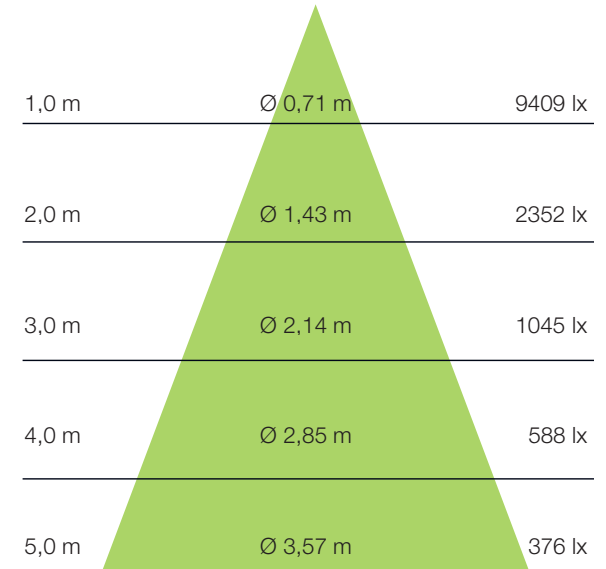
## BEAM ANGLE 24°



h (m)                      Ø (m)                      E0° (lx)

Values valid for 4.000 K / Ra 90

## BEAM ANGLE 40°



h (m)                      Ø (m)                      E0° (lx)

Values valid for 4.000 K / Ra 90

## IMPORTANT NOTES

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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.

<b>Mercury content</b>	0,0 mg
<b>Mercury-free</b>	yes
<b>Professional disposal according to WEEE</b>	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](http://www.ledxon.com)**