

Recessed modern downlight, for suspended ceilings for integrated LED modules.

<b>TECHNICAL DATA</b>	<b>Mounting:</b> in the ceiling, with mounting brackets (included) <b>Body:</b> high pressure die-cast aluminum <b>Colour:</b> black and white
<b>ELECTRICAL DATA</b>	<b>Power supply efficiency:</b> >85% <b>Power:</b> 220-240V 50/60Hz <b>Includes light source:</b> yes <b>Type of equipment:</b> ED <b>Electrical connection:</b> max 2x1,5 mm <sup>2</sup> wire
<b>OPTICAL DATA</b>	<b>Light distribution:</b> circular <b>Way of lighting:</b> direct <b>Reflector:</b> aluminum polished faceted
<b>GENERAL DATA</b>	<b>Lifetime (L80B10):</b> 40 000 h <b>Operating temperature range:</b> 0°C ... +30°C <b>Available on request:</b> DALI <b>Additional equipment:</b> lamp rings made of black die-cast aluminium <b>Warranty:</b> 5 years <b>Application:</b> boutiques, delicatessen, supermarkets, jeweler, museums, reception desks, restaurants



Code	Beam angle	Power LED [W]	Luminaire power [W]	Lumen LED [lm]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra
<b>Protection Class: II</b>								
030321.5L11.311	22°	16	18	2000	1500	83	3000	≥80
030321.5L11.312	30°	16	18	2000	1450	81	3000	≥80
030321.5L11.313	42°	16	18	2000	1450	81	3000	≥80
030321.5L12.311	22°	16	18	2000	1500	83	4000	≥80
030321.5L12.312	30°	16	18	2000	1450	81	4000	≥80
030321.5L12.313	42°	16	18	2000	1450	81	4000	≥80
030321.5L13.321	22°	22	25	3000	2350	94	3000	≥80
030321.5L13.322	30°	22	25	3000	2250	90	3000	≥80
030321.5L13.323	42°	22	25	3000	2300	92	3000	≥80
030321.5L14.321	22°	22	25	3000	2350	94	4000	≥80
030321.5L14.322	30°	22	25	3000	2250	90	4000	≥80
030321.5L14.323	42°	22	25	3000	2300	92	4000	≥80
030321.5L15.321	22°	35	39	4300	3400	87	3000	≥80
030321.5L15.322	30°	35	39	4300	3100	79	3000	≥80
030321.5L15.323	42°	35	39	4300	3100	79	3000	≥80
030321.5L16.321	22°	35	39	4500	3200	82	4000	≥80
030321.5L16.322	30°	35	39	4500	3300	85	4000	≥80
030321.5L16.323	42°	35	39	4500	3300	85	4000	≥80

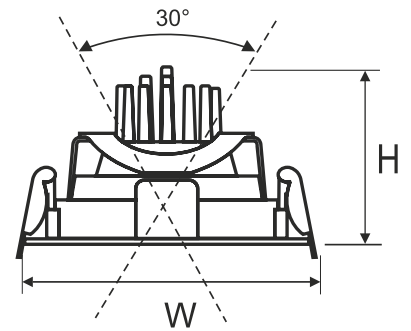
Luminous flux tolerance +/- 10%.

Power tolerance +/- 5%.

Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

Up-to-date product info and General Warranty Terms available on our website [www.luglightfactory.com](http://www.luglightfactory.com)

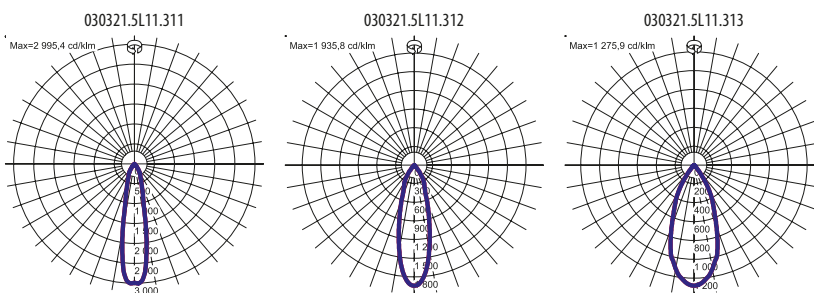
Code	Dimensions [mm] W H	Mounting dimensions [mm] W	Pallet quantity	Quantity in package	Net weight [kg]
<b>Protection Class: II</b>					
030321.5L11.311	140 105	130	440	1	0.8
030321.5L11.312	140 105	130	440	1	0.8
030321.5L11.313	140 105	130	440	1	0.8
030321.5L12.311	140 105	130	440	1	0.8
030321.5L12.312	140 105	130	440	1	0.8
030321.5L12.313	140 105	130	440	1	0.8
030321.5L13.321	165 120	155	440	1	1.0
030321.5L13.322	165 120	155	440	1	1.0
030321.5L13.323	165 120	155	440	1	1.0
030321.5L14.321	165 120	155	440	1	1.0
030321.5L14.322	165 120	155	440	1	1.0
030321.5L14.323	165 120	155	440	1	1.0
030321.5L15.321	165 120	155	440	1	1.0
030321.5L15.322	165 120	155	440	1	1.0
030321.5L15.323	165 120	155	440	1	1.0
030321.5L16.321	165 120	155	440	1	1.0
030321.5L16.322	165 120	155	440	1	1.0
030321.5L16.323	165 120	155	440	1	1.0



## OTHER PICTURES



## LIGHT BEAM CURVES

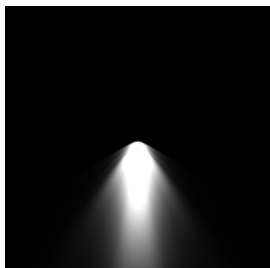


Luminous flux tolerance +/- 10%.  
Power tolerance +/- 5%.

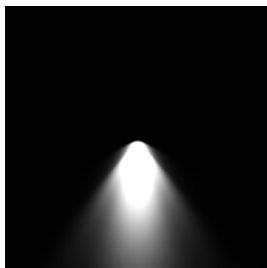
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**WAY OF LIGHTING**

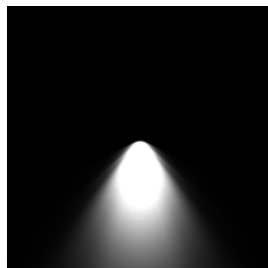
030321.5L11.311



030321.5L11.312



030321.5L11.313

**OTHER PROJECTS**

Dalia Lingerie store, Poznan and Gliwice, Poland



Giacomo Conti boutique, Zielona Gora, Poland

Luminous flux tolerance +/- 10%.

Power tolerance +/- 5%.

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