

# LIVAL LIGHTING

Industrial Designs



Bingo

*Internationally Awarded  
Design*

STATE OF THE ART DESIGN • SMALL FORM FACTORS



Dingo



Bing

 **LIVAL**

Made in Finland /EU • [www.lival.com](http://www.lival.com)



Energy Saving is our goal

MORE LIGHT  
LESS ELECTRICITY

## Effective Electronic Devices & Energy Saving High Efficiency COB's

HE COB	If (mA)	COB Flux (Lm)	System (Lm)	Power (W)	System Lm/W
1208 CRI 90 4000K Premium White HE	350	2100	1800	13	138
	500	2900	2500	19	131
	650	3700	3175	25	127

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## BASIC Range

	Product	mA	System Lm/W	Beam	Kelvin
 • Stick-in Driver 200-750mA	<b>GA -016 -017 CASA</b>				
	P.O.	<b>Packing:</b> 6-pack 240 pcs/pallet. <b>Item Group:</b> 155 (GA-016), 135 (GA-017)			
 • Stick-in Driver 200-850mA	<b>GA -016 -017 STANDARD</b>				
	P.O.	<b>Packing:</b> 6-pack 240 pcs/pallet. <b>Item Group:</b> 105 (GA-016), 136 (GA-017)			
 • Stick-in Driver 200-1050mA	<b>GA -016 -017 CAFETERIA</b>				
	P.O.	<b>Packing:</b> 6-pack 240 pcs/pallet. <b>Item Group:</b> 153 (GA-016), 137 (GA-017)			
<b>NEW</b>  • Stick-in Driver 200-1050mA	<b>GA -016 -017 ACCENT</b>				
	P.O.	<b>Packing:</b> 72 pcs/pallet. <b>Item Group:</b> 14K (GA-016)			

## ECO SHAFT Range – HIGH EFFICIENCY Range

	Product	mA	System Lm/W	Beam	Kelvin
<b>NEW</b>  • Stick-in Driver 200-500mA	<b>GA -017 CASA</b>				
	P.O.	<b>Packing:</b> 6-pack 240 pcs/pallet. <b>Item Group:</b> 135			
<b>NEW</b>  • Stick-in Driver 200-500mA	<b>GA -017 STANDARD</b>				
	P.O.	<b>Packing:</b> 6-pack 240 pcs/pallet. <b>Item Group:</b> 136			
<b>NEW</b>  • Stick-in Driver 200-650mA	<b>GA -017 CAFETERIA</b>				
	P.O.	<b>Packing:</b> 6-pack 240 pcs/pallet. <b>Item Group:</b> 137			




## HIGHLIGHT Range

	Product	mA	System Lm/W	Beam	Kelvin
 <p>• Stick-in Driver 200-750mA</p>	<b>GA -016 -017 BING</b>				
	P.O.	<b>Packing:</b> 6-pack 240 pcs/pallet. <b>Item Group:</b> 15A			
 <p>• Stick-in Driver 200-850mA</p>	<b>GA -016 -017 BINGO</b>				
	P.O.	<b>Packing:</b> 6-pack 240 pcs/pallet. <b>Item Group:</b> 15K			
 <p>• Stick-in Driver 200-1050mA</p>	<b>GA -016 -017 DINGO</b>				
	P.O.	<b>Packing:</b> 6-pack 240 pcs/pallet. <b>Item Group:</b> 15X			









## HIGH LIGHT DL Range

	Product	mA	System Lm/W	Beam	Kelvin
 <p>• Built-in Driver 300-750mA</p>	<b>Bing Pro DL</b>				
	P.O.	<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 14E			
 <p>• Built-in Driver 300-850mA</p>	<b>Bingo Pro DL</b>				
	P.O.	<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 14F			
 <p>• Built-in Driver 300-900mA</p>	<b>Dingo Pro DL</b>				
	P.O.	<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 14G			
 <p>• Built-in Driver 300-650mA</p>	<b>TEMP Casa DL</b>				
	P.O.	<b>Packing:</b> 48 pcs/pallet. <b>Item Group:</b> 14H			
 <p>• Built-in Driver 300-850mA</p>	<b>TEMP Café DL</b>				
	P.O.	<b>Packing:</b> 48 pcs/pallet. <b>Item Group:</b> 14I			

## CLASSIC GA69 Range





	Product	mA	System Lm/W	Beam	Kelvin
 <p>• Built-in Driver 300-1400mA</p>	<b>Bandit</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 11J		
 <p>• Built-in Driver 300-1400mA</p>	<b>GA69 - GLIDER TREND</b>				
	P.O.		<b>Packing:</b> 72 pcs/pallet. <b>Item Group:</b> 10J		
 <p>• Built-in Driver 300-1050mA</p>	<b>GA69 - HUB</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 122		
 <p>• Built-in Driver 300-750mA</p>	<b>TRIGGER Mini CASA</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 166		
 <p>• Built-in Driver 300-850mA</p>	<b>Trigger Mini STANDARD</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 164		
 <p>• Built-in Driver 300-750mA</p>	<b>COLT Mini CASA</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 167		
 <p>• Built-in Driver 300-850mA</p>	<b>COLT Mini STANDARD</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 146		

## CLASSIC Down Light Range

	Product	mA	System Lm/W	Beam	Kelvin
 <p>• Built-in Driver 300-1400mA</p>	<b>First Circle DL</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 10P		
 <p>• Built-in Driver 300-1400mA</p>	<b>FIRST SINGLE DL</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 10A		
 <p>• Built-in Driver 2x 300-1400mA</p>	<b>FIRST DUO DL</b>				
	P.O.		<b>Packing:</b> 40 pcs/pallet. <b>Item Group:</b> 10B		
 <p>• Built-in Driver 3x 300-1400mA</p>	<b>FIRST TRIO DL</b>				
	P.O.		<b>Packing:</b> 28 pcs/pallet. <b>Item Group:</b> 10C		
 <p>• Built-in Driver 300-750mA</p>	<b>CASA Circle DL</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 108		
 <p>• Built-in Driver 300-750mA</p>	<b>CASA Single DL</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 110		
 <p>• Built-in Driver 2x 300-750mA</p>	<b>CASA DUO DL</b>				
	P.O.		<b>Packing:</b> 40 pcs/pallet. <b>Item Group:</b> 111		
 <p>• Built-in Driver 3x 300-750mA</p>	<b>CASA TRIO DL</b>				
	P.O.		<b>Packing:</b> 40 pcs/pallet. <b>Item Group:</b> 112		



## FIX Range

	Product	mA	System Lm/W	Beam	Kelvin
 • Built-in Driver 300-1050mA	<b>Mini Lean DL</b>				
	P.O.		<b>Packing:</b> 48 pcs/pallet. <b>Item Group:</b> 19M		
 • Built-in Driver 300-1400mA	<b>Lean DL</b>				
	P.O.		<b>Packing:</b> 48 pcs/pallet. <b>Item Group:</b> 19K		
 • Built-in Driver 300-750mA	<b>Standard Fix DL</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 11F		
 • Built-in Driver 300-1400mA	<b>Meteor DL</b>				
	P.O.		<b>Packing:</b> 50 pcs/pallet. <b>Item Group:</b> 150		

## PENDANT Range

	Product	System Lm/W	Beam	Kelvin
 DINGO Pendant GA-017 DINGO Pendant GA69	<b>DINGO Pendant GA-017</b> • Stick-in Driver 200-700mA			
	P.O.		<b>Packing:</b> 72 pcs/pallet. <b>Item Group:</b> 13F	
	<b>DINGO Pendant GA69</b> • Built-in Driver 300-850mA			
	<b>CRAFT</b> • Built-in Driver 300-1400mA			
	P.O.		<b>Packing:</b> 48 pcs/pallet. <b>Item Group:</b> 127	
	<b>Secur 812 / 816</b> • Built-in Driver 300-900mA (812) • Built-in Driver 300-1400mA (816)			
	P.O.		<b>Packing:</b> 48 pcs/pallet. <b>Item Group:</b> 12A (812), 12C (816)	

# LUMINAIRE REFLECTORS

- Wide set of reflectors for all retail lighting purposes

**Energy Efficient LED COB Packages for all Retail Applications:**

1206 / 1208 / 1212 Die Configurations



1212

1206 / 1208



Clear glass  
65,5 x 3mm  
462065







Clear glass  
75 x 3mm  
462085






Clear glass  
104 x 3mm  
462124



## Ø 108 mm: 1206 / 1208 COB *Lean / First / Craft -Series*




Product	Al. ref.	Angle	P.O.
433195 	108mm 10D CLL030	10°	
433198 	108mm 24D CLL030	24°	
433196 	108mm 30D CLL030	30°	
433197 	108mm 50D CLL030	50°	

## Ø 108 mm: 1212 COB *Lean / First / Craft -Series*




433175 	108mm 20D PrevaLED Z2	20°	
433180 	108mm 40D PrevaLED Z2	40°	
433185 	108mm 60D PrevaLED Z2	60°	






**3D** Ø 75 mm: 1206 / 1208 COB *Dingo -series*

Product	Al. ref.	Angle	P.O.
433271 	Aspect/Dingo 15D	15 °	
433272 	Aspect/Dingo 28D Ball Facette	28 °	
433275 	Aspect/Dingo Ball Facette 50D	50 °	



**3D** Ø 76,4 mm: 1206 / 1208 COB *Bingo / Standard / Cafeteria -series*

433194 	76,4 mm 24D Ball Facette	24°	
433189 	76,4 mm 36D Ball Facette	36°	
433192A 	76,4 mm 55D Ball Facette	55°	

**Ø 65 mm: 1206 / 1208 COB** *Bing / Casa -series*

433240 	65,5 mm 15D DC core	15 °	
433250 	65,5 mm 21D DC core	21 °	
433260 	65,5 mm 32D DC core	32 °	

**3D** Ø 65 mm: 1206 / 1208 COB *Bing / Casa -series*











433251 	65,5mm 25D Ball Facette	25 °	
433270 	65,5mm 46D DC core	46 °	

# GLOBAL trac

- Thermally strong
- Strong surge protection
- Energy efficiency
- The easy way to fix your lighting architecture in your store



## PARTICULARLY DESIGNED FOR GLOBAL 3 CIRCUIT LIGHT TRACK SYSTEMS

Product	Wattage and mA	P.O.	pcs	Color	
<b>CC Wireless</b> 	42W 150-1050mA			White	Black
<b>GA031 S</b> 	14W 200-350mA			White	Black
<b>GA032 S</b> 	26W 500-650mA			White	Black
<b>GA033 S</b> 	34W 700-850mA			White	Black
<b>GA034 S</b> 	42W 900-1050mA			White	Black
<b>GA021 T1</b> 	20W 250-500mA			White	Black
<b>GA022 T2</b> 	30W 550-750mA			White	Black
<b>GA023 T3</b> 	40W 850-1050mA			White	Black
<b>GA 017</b> 	31W 200-700mA			White	Black
<b>GA 016</b> 	40W 300-1050mA			White	Black

Application: Retail – Hospitality – Office • Environment in mind







Printed matter  
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Standard

## STATE OF THE ART DESIGN • SMALL FORM FACTORS



Casa



Standard



Cafeteria

**LIVAL**

**NORDIC  ALUMINIUM**