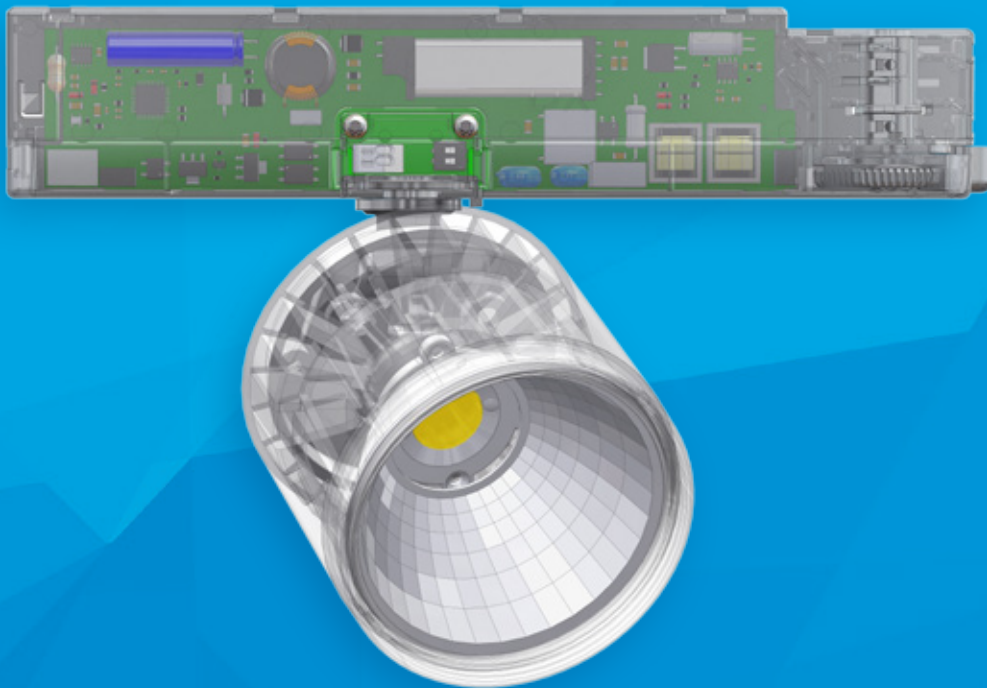




LIGHTING THE WAY – FOR MORE THAN 70 YEARS

# SETTING THE STANDARD

## FOCUS ON INNOVATION



COST EFFICIENT - LIGHTWEIGHTED

# CUTTING EDGE

MADE IN FINLAND | LED – DESIGN | PRICE LEADER | ECO-FRIENDLY | SMALL POWER FACTORS

 **LIVAL** GROUP

[www.lival.com](http://www.lival.com)

**NORDIC**  **ALUMINIUM**

[www.nordicaluminium.fi](http://www.nordicaluminium.fi)



**3-CIRCUIT TRACKS**

**2-Step MacAdam**

**FOR HIGH COLOR CONSISTENCY**

**COLOURS**

	LED module	mA	Colour temp.	CRI	COB Max. Luminous Flux	Module Wattage	System Wattage
<b>6-Gen</b>							
GA-016 Casa	CLU038-1206	750	3 000K	CRI 80+	3 650 Lm	26W	28W
GA-016 Casa	CLU038-1206	750	3 000K B.BBL	CRI 90+	2 975 Lm	26W	28W
GA-016 Standard	CLU038-1206	850	3 000K	CRI 80+	4 125 Lm	31W	33W
GA-016 Standard	CLU038-1206	850	3 000K B.BBL	CRI 90+	3 350 Lm	31W	33W
GA-016 Cafeteria	CLU038-1206	850	3 000K	CRI 80+	4 225 Lm	31W	33W
GA-016 Cafeteria	CLU038-1206	850	3 000K B.BBL	CRI 90+	3 425 Lm	31W	33W
GA-017 Casa	CLU038-1206	650	3 000K	CRI 80+	3 325 Lm	23W	25W
GA-017 Casa	CLU038-1206	650	3 000K B.BBL	CRI 90+	2 700 Lm	23W	25W
GA-017 Standard	CLU038-1206	650	3 000K	CRI 80+	3 325 Lm	23W	25W
GA-017 Standard	CLU038-1206	650	3 000K B.BBL	CRI 90+	2 725 Lm	23W	25W
GA-017 Cafeteria	CLU038-1206	650	3 000K	CRI 80+	3 400 Lm	23W	25W
GA-017 Cafeteria	CLU038-1206	650	3 000K B.BBL	CRI 90+	2 775 Lm	23W	25W



# EXTENDED ARM

GA-016 CASA - L

230 mm



15°, 21°, 32°, 46°

GA-016 STANDARD - L

230 mm



15°, 20°, 30°, 50°

GA-016 CAFETERIA - L

230 mm



15°, 20°, 30°, 50°

## 3-CIRCUIT TRACKS

## 2-Step MacAdam

## FOR HIGH COLOR CONSISTENCY

	LED module <b>6-Gen</b>	mA	Colour temp.	CRI	COB Max. Luminous Flux	Module Wattage	System Wattage
GA-016 Casa L	CLU038-1206	750	3 000K	CRI 80+	3 650 Lm	26W	28W
GA-016 Casa L	CLU038-1206	750	3 000K B.BBL	CRI 90+	2 975 Lm	26W	28W
GA-016 Standard L	CLU038-1206	850	3 000K	CRI 80+	4 125 Lm	31W	33W
GA-016 Standard L	CLU038-1206	850	3 000K B.BBL	CRI 90+	3 350 Lm	31W	33W
GA-016 Cafeteria L	CLU038-1206	850	3 000K	CRI 80+	4 225 Lm	31W	33W
GA-016 Cafeteria L	CLU038-1206	850	3 000K B.BBL	CRI 90+	3 425 Lm	31W	33W

## COLOURS



White



Silver



Black

- RETAIL PROJECTORS – MULTIFUNCTIONAL – TOP ENERGY EFFICIENT
- COMPATIBLE WITH ALL 3-CIRCUIT TRACKS
- ULTRA SLIM ELECTRONIC DRIVER



**3-CIRCUIT TRACKS**

**2-Step MacAdam**

**FOR HIGH COLOR CONSISTENCY**

	LED module <b>6-Gen</b>	mA	Colour temp.	CRI	COB Max. Luminous Flux	Module Wattage	System Wattage
GA-017 Art	CLU038-1206	650	3 000K	CRI 80+	3 350 Lm	23W	25W
GA-017 Art	CLU038-1206	650	3 000K B.BBL	CRI 90+	2 750 Lm	23W	25W
GA-016 Art	CLU038-1206	850	3 000K	CRI 80+	4 175 Lm	31W	33W
GA-016 Art	CLU038-1206	850	3 000K B.BBL	CRI 90+	3 400 Lm	31W	33W

**COLOURS**



White



Silver



Black

- RETAIL PROJECTORS – MULTIFUNCTIONAL –TOP ENERGY EFFICIENT
- COMPATIBLE WITH ALL 3-CIRCUIT TRACKS
- ULTRA SLIM ELECTRONIC DRIVER
- BALANCED FOR SUSPENSION

# CRAFT - SPACE SAVER

—  
DALI compatible



COB 1206: 10°, 24°, 30°, 50°  
COB 1212: 20°, 40°, 60°

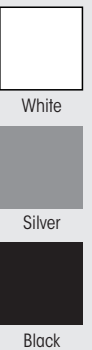
### 3-CIRCUIT TRACKS

### 2-Step MacAdam

### FOR HIGH COLOR CONSISTENCY

	LED module <b>6-Gen</b>	mA	Colour temp.	CRI	COB Max. Luminous Flux	Module Wattage	System Wattage
Craft	CLU038-1206	1050	3 000K	CRI 80+	5 000 Lm	38W	42W
Craft	CLU038-1206	1050	3 000K B.BBL	CRI 90+	4 075 Lm	38W	42W
Craft	CLU048-1212	1400	3 000K	CRI 80+	7 050 Lm	49W	55W
Craft	CLU048-1212	1400	3 000K B.BBL	CRI 90+	5 750 Lm	49W	55W

### COLOURS



● CRAFT - SPACE SAVER

**SECUR**



**SECUR 816**

**SECUR 812**

PRODUCT	LIGHTSOURCE				POWER		
	LED module	mA	Colour temp.	CRI	Max. Luminous Flux	Module Wattage	System Wattage
Secur 812	CLU038-1206	900	3 000K	CRI 80+	4 325 Lm	32W	35W
Secur 812	CLU038-1206	900	3 000K B.BBL	CRI 90+	3 525 Lm	32W	35W
Secur 816	CLU038-1206	1050	3 000K	CRI 80+	5 000 Lm	38W	42W
Secur 816	CLU038-1206	1050	3 000K B.BBL	CRI 90+	4 075 Lm	38W	42W
Secur 816	CLU048-1212	1400	3 000K	CRI 80+	7 050 Lm	49W	55W
Secur 816	CLU048-1212	1400	3 000K B.BBL	CRI 90+	5 750 Lm	49W	55W

COLOURS



White



Silver



Black

**COLT  
MINI CASA**



165 x 63 mm

**COLT  
MINI STANDARD**



# COLT

**COLT  
CYLINDER**

BLL compatible



165 x 87 mm

**COLT  
LEAN**

BLL compatible

Up to 7000 Lm



THERMOPLASTIC	LIGHTSOURCE <b>2-Step MacAdam</b>				POWER		
	LED module	mA	Colour temp.	CRI	Max. Luminous Flux	Module Wattage	System Wattage
Colt Mini Casa	CLU038-1206	750	3 000K	CRI 80+	3 625 Lm	27W	28W
Colt Mini Casa	CLU038-1206	750	3 000K B.BBL	CRI 90+	2 850 Lm	27W	28W
Colt Mini Standard	CLU038-1206	900	3 000K	CRI 80+	4 375 Lm	33W	35W
Colt Mini Standard	CLU038-1206	900	3 000K B.BBL	CRI 90+	3 425 Lm	33W	35W
Colt Cylinder	CLU038-1206	1050	3 000K	CRI 80+	4 900 Lm	39W	43W
Colt Cylinder	CLU038-1206	1050	3 000K B.BBL	CRI 90+	3 850 Lm	39W	43W
Colt Lean	CLU048-1212	1400	3 000K	CRI 80+	7 000 Lm	50W	55W
Colt Lean	CLU048-1212	1400	3 000K B.BBL	CRI 90+	5 500 Lm	50W	55W

COLOURS



White



Black



LIGHTING THE WAY – FOR MORE THAN 70 YEARS

EXTREME COLOR RENDERING

GEN-6

MacAdam 2-Step

830, 930 B.BBL, 935 B.BBL



HIGH CHROMATIC  
VIVID BRILLIANCE

ENHANCED BRILLIANCE – SATURATION

3500k - 4000k



MEAT & BAKERY

2 000K, 2 400K



DIALux  
PARTNER

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