

HOFFMEISTER

Sales Information 06 | 2011

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Overview about new products

More than 800 new standard products (incl. 200 LED products)

over 200 new LED products



<p>gina./gin.o spotlights, recessed luminaires lens w allw asher spotlights & lens w allw asher spotlights with Multitronic adaptor</p>	<p>NEW LED</p>	<p>DL110 QT12 Dow nlights QT12 replacement kits Dow nlights</p>	<p>NEW NEW LED</p>	<p>Lichtstele HIT mast top luminaire</p> <p>Kugelleuchte Ø 450 mm tranzlucent mast top luminaire</p>	<p>NEW</p>
<p>bi.box, elli.bi, hi.jack fix.focus versions bi.box bi.box lens w allw asher</p>	<p>NEW LED NEW</p>	<p>DL100 Dow nlights</p> <p>DLBasic Day&Night-Dow nlight</p>	<p>LED NEW</p>	<p>Baskette protection class II mast top luminaires mast top luminaire</p>	<p>NEW LED</p>
<p>Spazio spotlights</p>	<p>LED</p>	<p>WML 323 IP65 w all recessed luminaire</p>	<p>NEW</p>	<p>Scanlite protection class II mast top luminaires</p>	
<p>Microtronic with Multitronic adaptor</p>		<p>in.ground 150 inground luminaires inground luminaires</p>	<p>NEW LED NEW RGB</p>	<p>Village protection class II mast top luminaires mast top luminaires</p>	<p>NEW LED</p>
<p>DL170 un.limited Dow nlights 1100lm + 2000lm Dow nlights 3000lm w allw asher RGBW Dow nlight emergency luminaires</p>	<p>NEW LED NEW LED NEW LED NEW LED</p>	<p>Foca Square 250W projector</p> <p>Foca 70 Projector w ith Prismatic Projector</p>	<p>NEW NEW NEW LED</p>	<p>Citynova I Dark Sky mast top luminaires</p> <p>Citynova II mast top luminaires for CPO lamps</p>	
<p>DL200 surface mounted luminaires 2000lm surface mounted luminaires 3000lm</p>	<p>NEW LED LED</p>	<p>Lovo Projector</p>	<p>LED</p>	<p>Kubus protection class II mast top luminaires mast top luminaires</p>	<p>NEW LED</p>
<p>DL150 surface mounted luminaires 1100lm "old" versions of catalogue 33/2</p>	<p>LED</p>	<p>hi.vertikal Anti slip glass R12</p>	<p>NEW</p>	<p>bi.light TC decorative mast top luminaire</p>	<p>NEW LED</p>

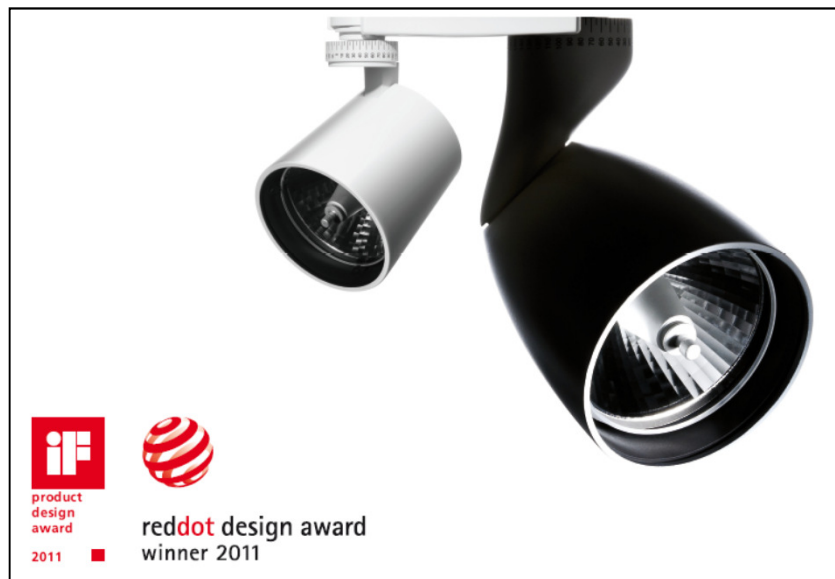
Hoffmeister LED Portfolio



	Spazio 340lm	gin.o 600lm	gin.o 850lm	bi.box 1200lm		gin.o 600lm	gin.o 850lm	bi.box 1200lm
spotlight s					Lens wall- washers			
Down- lights	DL100 340lm	DL110 1100lm	DL170 1100-3000lm	DL170 RGB	Wall- washers	DL170 1100-3000lm		
IP65 DL	DL150 1100lm	DL200 2000lm	In- ground	In.ground Orientierung 300lm	In.ground Orientierung 300lm	In.ground Orientierung 300lm	In.ground 300lm	
Pro- jectors	DL150 1100lm	DL200 2000lm	Mast top	Baskette 1800lm	Village 2000lm	Kubus 4500lm		

gin.a & gin.o win design awards

Design award for gin.a and gin.o



**gin.a and gin.o win the iF product design award and
the reddot design award 2011.**

gin.a | gin.o



gin.a and gin.o receive the iF and reddot design award 2011

After the IF product design award 2011 gin.a and gin.o now also get the reddot design award 2011. The spotlight series presented at light & building 2010 set a counterpoint to the severe cubic and cylindrical luminaire designs that have dominated the market for presentation lighting to date. The receipt of the awards from iF International Forum Design and reddot jury have now underscored this.

With the unique use of shapes and virtually unrivalled depth of the product range, the gin.o and gin.a dream team is shining new light on the variable, high-output and cost-efficient spotlight segment. The spotlights were designed by renowned designers Ottenwalder+Ottenwalder from Schwabisch Gmund, whose creative ideas have already been incorporated into numerous other Hoffmeister products.

The new spotlights, that can be used with economical discharge lamps, energy-saving low voltage halogen lamps or LED technology, boast the highest levels of light quality with especially small dimensions.

Available in two sizes, the gin.a and gin.o product range includes narrow beam spotlights of 8° und 15° and wide beam versions of 25° and 40°, each with homogenous light beams. A lens wallwasher is available for even illumination of vertical surfaces. Colour screens as well as UV/IR, dichroic and colour effect filters, along with other matching accessories, open up a wide spectrum of possible applications. With a product range of such depth, gin.o and gin.a are an indispensable solution for all kinds of lighting challenges requiring uniform structure and design.



gin.o LED spotlights product information

Quality features



Spotlights with **the highest light technology and lighting quality standards**. Anti-glare properties, light distribution and luminous efficiency meet the high expectations in respect of this spotlight series, even for LEDs.

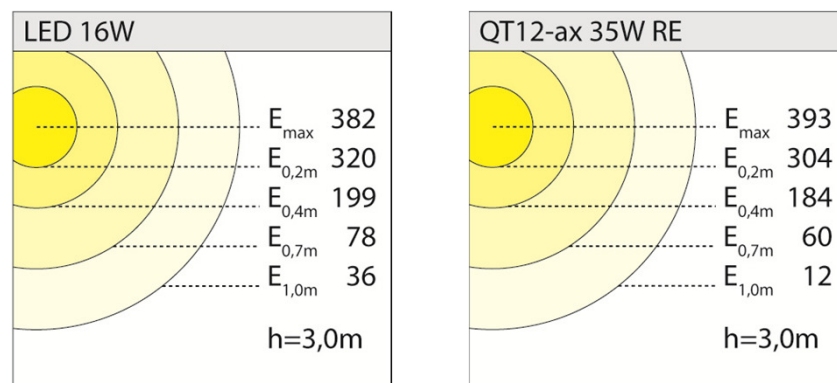
- Use of **efficient latest-generation LED modules**
- High-gloss reflectors with the **highest luminous efficiency**
- Surface and **high-quality material properties** universal across all versions
- Therefore, chromaticity and **CRI value constant** across all versions
- Highest light quality/light beam through the use of a microprism glass with **93% light transmission**
- **Advantage over lens technology**: No colour shifts at the edges of the lenses and higher luminous efficiency

Product overview



gin.o	(W)	gross lm	light output	nett lm	reflector	3000K	4000K	spotlight	recessed spotlight	
gin.o size 1	13	550	70	400	Spot	in preparation		x	x	
					Medium	20°	x			x
					Flood	30°	x			x
					lens wall floodlights		x			x
gin.o size 2	16	750	83	600	Spot	in preparation		x	x	
					Medium	17°	x			x
					Flood	25°	x			x
					lens wall floodlights		x			x

Comparison with low voltage



Luminous intensity distribution at 3,0-meter distance from wall

The 16W version of gin.o achieves a comparable illuminance in the centre as a modern 35W-NV-RE lamp (50W standard lamp).

This means:

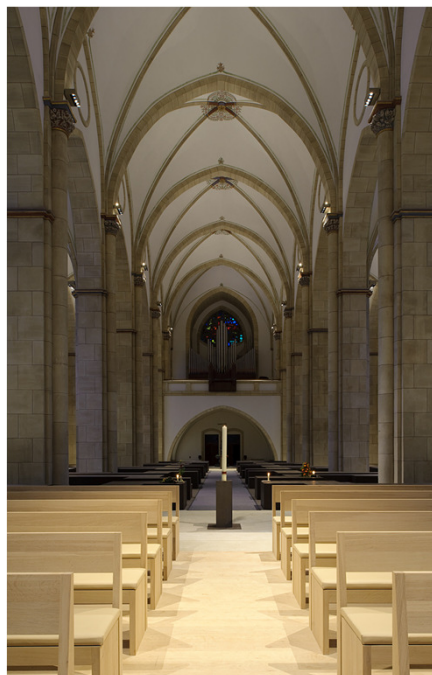
Energy efficiency

- **75% less connected load**

Cost-effectiveness

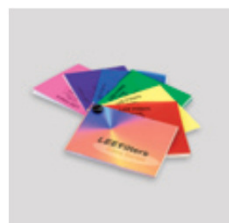
- **10x longer life cycle**

Filter sheets



Example:

LED use in churches
with an extremely
warm-white light colour.



Simple and cost-effective solution for a multitude of possible applications. Due to the **UV and IR-free** LED light, **filter sheets** can now be used for the first time on a sustained basis in architectural lighting.

LEE-HT **filter sheets** are used. Besides the fixed standard colours, all LEE sheets with the corresponding LEE colour numbers can also be ordered from the extensive range.

Special **conversion filters** are available for changing the colour temperature. These can be used to increase or reduce the colour temperature (i.e. to make the light “warmer” or “cooler”).

Therefore, there is no need for complex and expensive customised LED versions.

Tips when comparing with competitors

Reliable information: Gross luminous fluxes are values measured in the **Hoffmeister laboratory**.

Caution: Laboratory values are often acquired under extremely favourable conditions that have nothing to do with reality.

The lighting system graphics from Hoffmeister demonstrate the **average illuminances** in the specified diameter.

Caution: Competitor "E" only states the maximum illuminance in the centre, which is higher but not more credible.

Based on the sensible light colours **3,000K and 4,000K**

Caution: 3,200 and 5,500K are often chosen due to the higher output.

High illuminances, even for **warm-white light colour**

Caution: Often considerable decline in luminous flux

Low deviations of max. **+/- 50K**

Caution: More detected by the eye

Optimal **passive thermal management**

Caution: Only guarantees the specified values

Also for **30/35° ambient temperature**

Caution: Measurement values at 25° are standard and restrict the operating range/output

5-year guarantee on all components

gin.a / gin.o sample case

Sample case



Musterkoffer 104 342

0.93101.00-907..	3-Phasen-Stromschiene 298mm	Farbe: silber
0.93412.00-721	3-Phasen-Endeinspeisung	Farbe: schwarz
0.93001.00-721	3-Phasen-Endstück	Farbe: schwarz
	Leitung mit Schukostecker L=2500	

Strahler

103 008-PA	Einbaustrahler gin.a, Größe 1	QR-CBC-RE 35W, weiß
104 443	Strahler gin.o, 20° Größe 1 alternativ 3000K	LED 13W, 4000K, silber
102 978	Strahler gin.o, 9°, Größe 2	CDM-Tm 35W, weiß
103 208	Linse wandfluter gin.a, Größe 2 alternativ mit Multitronicadapter	QT12-RE 60W, schwarz

Leuchtmittel inclusive

22662403515	MASTERLine ES 35W 12V 24°	GU5.3 (QR-CBC51-RE)
22270003530	Master Colour CDM-Tm 35W/930	PGj5 (HIT-TC-CE)
22650003515	Halostar ECO 35W 12V	GY6.35 (QT12-ax-RE)

Zubehör für Größe 2

103 446	Aufnahmering für Zubehör	Farbe weiß
103 443	Vorsatzblende für Zubehör	Farbe weiß
103 440	Vorsatzblende mit Kreuzraster	Farbe weiß
103 448	Wabenraster	Farbe schwarz

Zubehör für Größe 1

103 406	Blendklappe	Farbe schwarz
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Gläser für Größe 2

103 449	Foodfilter für Fleisch	
103 450	Foodfilter für Fischwaren	
103 451	Foodfilter für Backwaren+Käse	
103 452	Foodfilter für Obst und Gemüse	
103 453	Farbfilter dichroitisch	amber, FS 535
103 454	Farbfilter dichroitisch	warm red, FS 610
103 455	Farbfilter dichroitisch	sky blue, FS 505
103 456	Farbfilter dichroitisch	lime green, FS 505550
103 457	Konversionsfilter	Warmton
103 458	Konversionsfilter	Neutralweiß
103 459	Konversionsfilter	Daylight
103 460	Skulpturenlinse	
103 461	Floodlinse	
103 463	UV-Filter	
104 228	soft.shape Linse	
104 039-HT019	Farbfolie rot "Fire"	

New wallwashers and LED versions of bi.box fix.focus



Extension of fix.focus family with

1. LED spotlights

technical configuration like LED components of gin.o LED

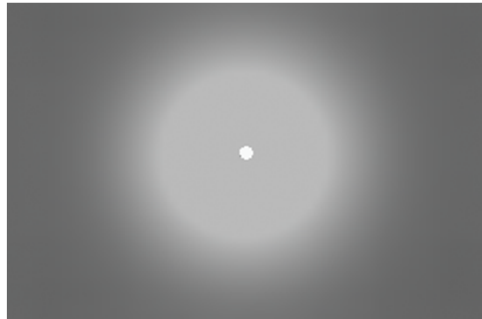


2. LED lens wallwasher

3. HIT and QT lens wallwasher

bi.box LED comparison

**bi.box LED 25°
1100 lm Modul**

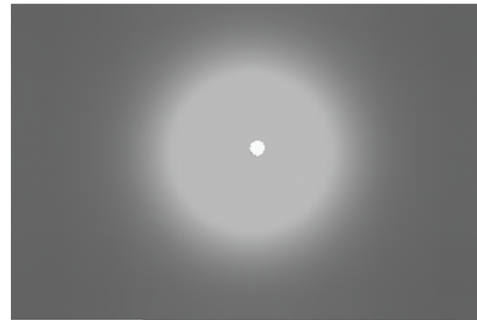


E(0°) 406 lx

P system load 19 W

3000 K

Erco Logotec 27°

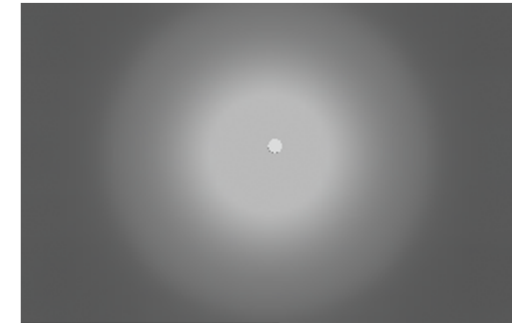


E(0°) 365 lx

P system load 17 W

3200 K

**bi.box NV 25°
QT12 75 W**



E(0°) 445 lx

P system load 80 W

3000 K

Room height 2,80m

Light cone diameter ~ 1,30m

Programmübersicht



Product family	(W)	Brutto lm	LOR	Netto lm	light distribution	3000K	4000K	spotlight	recessed spotlight	
gin.o size 1	13	550	70	400	Spot	in Vorbereitung		x	x	
					Medium	20°	x			x
					Flood	30°	x			x
					Lens wall floodlight		x			x
gin.o size 2	16	750	83	600	Spot	in Vorbereitung		x	x	
					Medium	17°	x			x
					Flood	25°	x			x
					Lens wall floodlight		x			x
bi.box 160	19	1100	72	800	Spot	15°	x	x	x	
					Medium	25°	x	x		
					Flood	39°	x	x		
					Lens wall floodlight		x	x		

Spotlights with dimmable Multitronic adaptor

Dimmable adapter with potentiometer

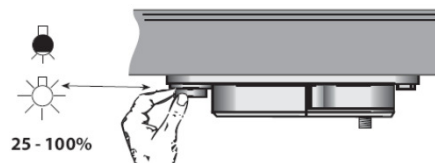


The Multitronic adapter is available again.

It was not possible to manufacture the Multitronic adapter for quite a while due to the transformers not being available, but we are now able to offer this very compact adapter (with the option of manual dimming) again.

The complete range for **QR-CBC** and **QT12** lamps with three reflector technologies (spot/medium/flood) is now available.

The **dimming range** from **100% to 25%** can be set on the adapter via potentiometer.



Artikelübersicht mit Multitronic Adapter



Artikel	Bezeichnung	Bezeichnung 2
09057100721	Strahler Microtronic	QR-CBC51 50W 12V, schwarz
09057100906	Strahler Microtronic	QR-CBC51 50W 12V, silber
09057100910	Strahler Microtronic	QR-CBC51 50W 12V, weiß
09057600721	Strahler Microtronic, 9°	QT12 50W 12V, schwarz
09057600906	Strahler Microtronic, 9°	QT12 50W 12V, silber
09057600910	Strahler Microtronic, 9°	QT12 50W 12V, weiß
09057700721	Strahler Microtronic, 24°	QT12 50W 12V, schwarz
09057700906	Strahler Microtronic, 24°	QT12 50W 12V, silber
09057700910	Strahler Microtronic, 24°	QT12 50W 12V, weiß
09057800721	Strahler Microtronic, 40°	QT12 50W 12V, schwarz
09057800906	Strahler Microtronic, 40°	QT12 50W 12V, silber
09057800910	Strahler Microtronic, 40°	QT12 50W 12V, weiß

Dimmable adapter with potentiometer



All **gin.a** and **gin.o** spotlights for low-voltage lamps (QT/QR-CBC) can now be delivered alternatively with a **Multitronic adapter** for **the same price**.

The **dimming range** from **100% to 25%** can be set on the adapter via potentiometer.

The **maximum output** has been increased from 50W to **60W**, facilitating the use of the QT12-ax 60W RE lamp in suitable products.

This lamp achieves roughly the light output of a conventional **QT12 90W lamp (1,650 to 1,800 lm)**.

"-MA" for **Multitronic adapter** will be appended to the "normal" product numbers.