

Frame

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Features



- Recessed installation in false ceilings with 12,5 mm for Minimal versions (without perimeter rim) or from 1 to 30 mm for Frame versions (with rim) using torsion springs.
- Die-cast aluminium optical assemblies, metal outer rim, painted sheet steel lamp holder unit.
- Optical assemblies of die-cast aluminium equipped with articulated joints and mechanical locking devices for $\pm 45^\circ$ inclination with respect to the horizontal and vertical axes.
- Versions with high-performance LEDs with warm white and neutral white monochromatic emission; available with passive dissipation (with lamellar radiator). Complete with DALI power supply.
- Versions with reflector with high luminous efficiency.
- LED versions with high color rendering index >90 .
- IP20
- IP23 for visible body of fitting after installation.



Range

Frame

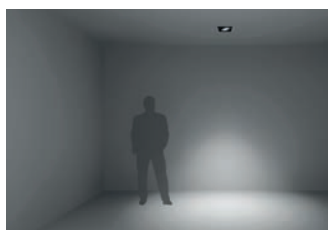


Optical diffusers

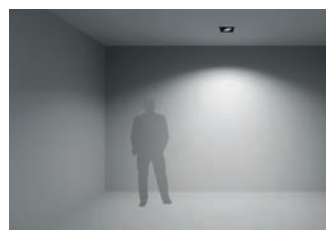
By simply installing these refractors you can vary the light cone angle without having to change the luminaire.

The product without diffuser has a spot optic.

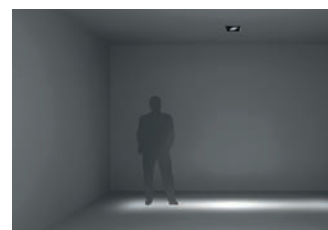
For more flexible lighting, install different optical diffusers on the same luminaire.



M - Medium



F - Flood

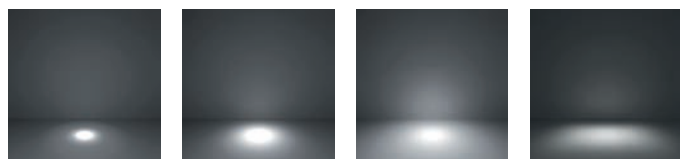


E - Elliptical





Optics and lamps



S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

E - Elliptical*

* Elliptical optic is obtained by installing the respective accessories.

LED PASSIVE DISSIPATION	5,8 - 6,2 - 18W	HIT-TC-CE	20 - 35 - 70W
QR-CBC 51	50W	HIR-111 CE	35 - 70W
QR 111	75W	HI-PAR 51 CE	35W
HIT-CE	35 - 70W		

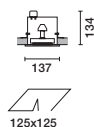
LED

- **LED Single Chip**
- Colour stability
Mac Adam <3
- Life
50000 h **L80**
- Color temperature:
Neutral white **4000K**
Warm white **3000K**

Energy saving

lumen lm	LED	QR CBC 51 	
1800	18W	2x50W	82%

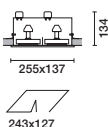
(3000K) LED energy saving compared with conventional lamps



light source	W*	lm	optic	code colour
LED				
Neutral white				
6,2W	370	24°	M344	01
Warm white				
5,8W	270	26°	M345	01

Power supply to be ordered separately

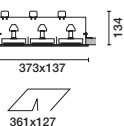
QR CBC 51 (GU5,3)	50W 12V	8857	01
HI-PAR51-CE (GX10)	Complete with electronic control gear		
35W		M340	01
	Class of Insulation I		



LED				
Neutral white				
Complete with power supply				
2x6,2W	370	24°	M346	01
Warm white				
Complete with power supply				
2x5,8W	270	26°	M347	01

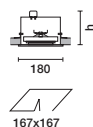
Class of Insulation II

QR CBC 51 (GU5,3)	2x50W 12V	8859	01
HI-PAR51-CE (GX10)	Complete with electronic control gear		
2x35W		M341	01
	Class of Insulation I		



QR CBC 51 (GU5,3)	3x50W 12V	8861	01

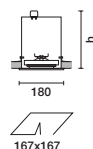
Electric cables that are necessary for operation of the fittings with discharge lamps are contained in the special power supply groups (to be ordered separately).



light source	W*	lm	h	optic	code colour
LED					
Passive dissipation					
Complete with DALI power supply					
Neutral white					
18W	1900	110	46°	MF55	01
Warm white					
18W	1800	110	14°	MF56	01
18W	1800	110	30°	MF57	01
18W	1800	110	46°	MF58	01
Warm white - CRI>90					
18W	1500	110	14°	MF59	01
18W	1500	110	30°	MF60	01

Class of Insulation II

QR 111 (G53)	75W 12V	134	8877	01



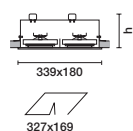
HIT-TC-CE (G8,5)	35/70W	224	42°	4244	01
HIT-CE (G12)	35/70W	224	56°	4245	01
HIR-111-CE (GX8,5)	35/70W	184		5872	01

High-efficiency reflector

HIT-TC-CE (G8,5)	20/35/70W	224	12°	M190	01
	20/35/70W	224	30°	M191	01

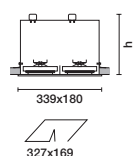
We advise against the use of accessories so as to leave the LOR unchanged

Class of Insulation I



light source	W*	lm	h	optic	code colour
LED					
Passive dissipation					
Complete with DALI power supply					
Neutral white					
2x18W 1900	110	46°	MF61	01	
Warm white					
2x18W 1800	110	14°	MF62	01	
2x18W 1800	110	30°	MF63	01	
2x18W 1800	110	46°	MF64	01	
Warm white - CRI>90					
2x18W 1500	110	14°	MF65	01	
2x18W 1500	110	30°	MF66	01	
IP20 - Class of Insulation II					

QR 111 (G53)	2x75W 12V	134		8879	01
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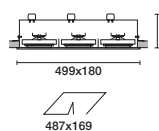


HIT-TC-CE (G8,5)	2x35/70W	224	42°	4247	01
HIT-CE (G12)	2x35/70W	224	56°	4248	01
HIR-111-CE (GX8,5)	2x35/70W	184		5873	01
High-efficiency reflector					
HIT-TC-CE (G8,5)	2x20/35/70W	224	12°	M192	01
	2x20/35/70W	224	30°	M193	01

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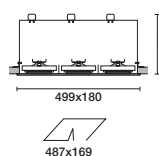
Class of Insulation I

Electric cables that are necessary for
operation of the fittings with discharge lamps
are contained in the special power supply
groups (to be ordered separately).



light source	W*	lm	h	optic	code colour
LED					
Passive dissipation					
Complete with DALI power supply					
Neutral white					
3x18W 1900	110	46°	MF67	01	
Warm white					
3x18W 1800	110	14°	MF68	01	
3x18W 1800	110	30°	MF69	01	
3x18W 1800	110	46°	MF70	01	
Warm white - CRI>90					
3x18W 1500	110	14°	MF71	01	
3x18W 1500	110	30°	MF72	01	
IP20 - Class of Insulation II					

QR 111 (G53)	3x75W 12V	134		8881	01
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HIR-111-CE (GX8,5)	3x35/70W	224		M196	01
HIT-TC-CE (G8,5)	2x70W (HIT-TC-CE)	224	42°	4250	01
	+75W (QR 111)				
QR 111 (G53)	70W (HIT-TC-CE)	224	42°	4253	01
	+2x75W (QR 111)				
HIT-CE (G12)	2x70W (HIT-CE)	224	56°	4251	01
	+75W (QR 111)				
QR 111 (G53)	70W (HIT-CE)	224	56°	4254	01
	+2x75W (QR 111)				
HI-PAR 30-CE (E27)	2x70W (HI-PAR30-CE)	224		4252	01
	+75W (QR 111)				
QR 111 (G53)					
High-efficiency reflector					
HIT-TC-CE (G8,5)	3x20/35/70W	224	12°	M194	01
	3x20/35/70W	224	30°	M195	01

We advise against the use of accessories
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Class of Insulation I

Frame

accessories	125x125 243x127 361x127		167x167 327x169 487x169	
	code	colour	code	colour
 Refractor for elliptical distribution	8766	24 for QR CBC 51	1191	24 no for LED
 Optical diffuser for LED medium flood elliptical	---	---	MXG3	24
	---	---	MXG4	24
	---	---	MXG5	24
 Coloured filters	8753	05-06-09 65 for QR CBC 51	8754	05-06-09 65 no for LED
 Louvre	8775	04 for QR CBC 51	---	---

components

	code	colour
 Constant-current LED driver 1,5÷21 W V _{IN} =220-240Vac V _{OUT} max=38Vdc I _{OUT} =600mA	6993	00
 Electronic control gear for 2x35W HIT Kg. 0,365 - Dim. 175x79,5x32h	4437	00
 Electronic control gear for 20W HIT Kg. 0,320 - Dim. 225x60x37h	9698	00
for 35W HIT Kg. 0,320 - Dim. 225x60x37h	4466	00
for 70W HIT Kg. 0,350 - Dim. 185x90x37h	4467	00
 Control gear complete with capacitor for 35W HIT Kg. 1,450 - Dim. 257x92x70h	4468	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	4469	00
 Control gear complete with capacitor and ignitor with controlled pulses for 35W HIT Kg. 1,450 - Dim. 257x92x70h	4471	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	4472	00
 Electronic safety transformer 10-60W 230/12V St	5581	00
35-105W 230/12V St	5583	00
 Electronic safety transformer 50-200W 230/12V Top	5586	00
50-200W 230/12V St	5587	00
20-60W 230/12V St	5584	00
50-105W 230/12V St	5585	00