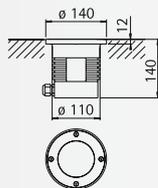


In-ground luminaires



In-ground luminaires

In-ground luminaires



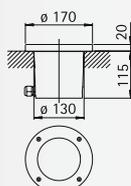
..2171

Ground recessed spotlight

symmetrical

Protection class IP 67
for tungsten halogen lamps QT 14
installation housing made of cast aluminium
cover made of cast aluminium
reflector made of anodised pure aluminium
clear safety glass
insert hole: \varnothing 110 mm x 140 mm
surface temperature max. 148 °C
loading max. 1200 kg

Art.-no.	Lamp	Base	Colour
662171	1x QT 14 75 W	G9	black

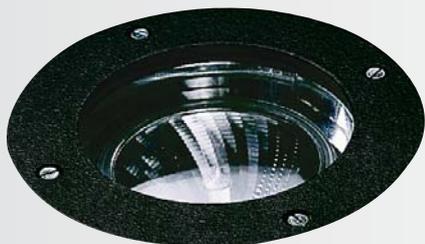


..2128

Ground recessed spotlight

symmetrical

Protection class IP 67
for pressed glass reflector lamps PAR 30
cast aluminium
borosilicate glass clear
insert hole: \varnothing 130 mm x 115 mm
surface temperature max. 160 °C
loading max. 120 kg



Art.-no.	Lamp	Base	Colour
662128	1x PAR 30 75 W	E27	black



Ground recessed spotlight

symmetrical
with LED

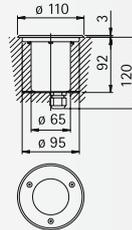
Protection class IP 67
with 1x Power-LED 1 W
..2159 lightcolour warmwhite, 2950 °K
..2160 lightcolour white, 6050 °K
inclusive converter
connection directly 230 V, 50 Hz
stainless steel, with mounting plate
clear safety glass
insert hole: \varnothing 95 mm x 120 mm
surface temperature max. 35 °C
loading max. 2000 kg

Distance [m]	\varnothing Cube [m]	Illumination [lx]
3,0	0,51	50
2,0	0,34	100
1,0	0,17	395

..2159 Half beam angle 10°

Distance [m]	\varnothing Cube [m]	Illumination [lx]
3,0	0,51	76
2,0	0,34	171
1,0	0,17	684

..2160 Half beam angle 10°



..2159, ..2160

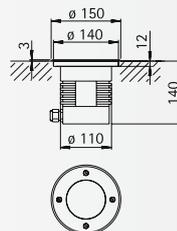
Art.-no.	Lamp	Material
692159	1 x Power-LED 1 W	stainless steel
692160	1 x Power-LED 1 W	stainless steel

LED

Ground recessed spotlight

symmetrical

Protection class IP 67
for tungsten halogen lamps QT 14
installation housing made of cast aluminium
cover made of stainless steel
reflector made of anodised pure aluminium
clear safety glass
insert hole: \varnothing 110 mm x 140 mm
surface temperature max. 148 °C
loading max. 1200 kg



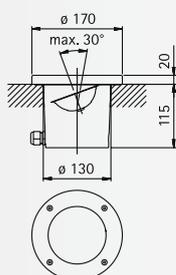
..2172



Art.-no.	Lamp	Base	Material
692172	1x QT 14 75 W	G9	stainless steel

In-ground luminaires

In-ground luminaires



.2134

Ground recessed spotlight

30° slewable

Protection class IP 67
 for tungsten halogen lamps QT-DE 12
 symmetrical and asymmetrical light
 distribution possible
 cast aluminium
 reflector made of anodised pure
 aluminium
 clear safety glass
 insert hole: \varnothing 130 mm x 115 mm
 surface temperature max. 160 °C
 loading max. 120 kg



Art.-no.	Lamp	Base	Colour
662134	1 x QT-DE 12 60 W	R7s	black



Ground recessed spotlight

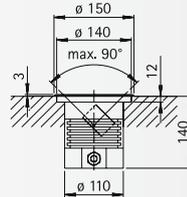
30° slewable
inclusive converter

- Available on request with half beam angle 40° or 10° and light-colour warmwhite (3150 °K).

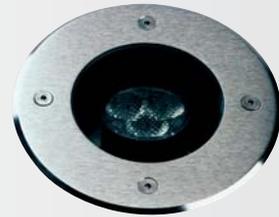
Protection class IP 67
with 1 x Power-LED 4,5 W
lightcolour white, 6300 °K
connection directly 230 V, 50 Hz
symmetrical and asymmetrical light distribution possible
installation housing made of cast aluminium
cover made of stainless steel
clear safety glass
insert hole: \varnothing 110 mm x 140 mm
surface temperature max. 35 °C
loading max. 1200 kg

Distance [m]	\varnothing Cube [m]	Illumination [lx]
3,0	1,32	147
2,0	0,88	333
1,0	0,44	1333

..2175 Half beam angle 25°



..2175



In-ground luminaires

Art.-no.	Lamp	Material
Ground recessed spotlight		
692175	1 x Power-LED 4,5 W	stainless steel



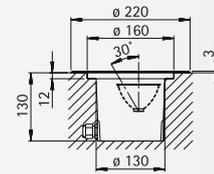
Ground recessed spotlight

30° slewable

Protection class IP 67
for tungsten halogen lamps QT 14
symmetrical and asymmetrical light distribution possible
installation housing made of cast aluminium
cover made of stainless steel
reflector made of anodised pure aluminium
clear safety glass
insert hole: \varnothing 130 mm x 130 mm
surface temperature max. 120 °C
loading max. 1000 kg

Distance [m]	\varnothing Cube [m]	Illumination [lx]
3,0	1,81	171
2,0	1,21	385
1,0	0,60	1541

..2149 Half beam angle 30°



..2149

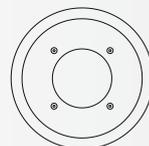
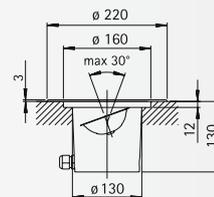


Art.-no.	Lamp	Base	Material
692149	1 x QT 14 75 W	G9	stainless steel

Ground recessed spotlight

30° slewable

Protection class IP 67
for tungsten halogen lamps QT-DE 12
symmetrical and asymmetrical light distribution possible
installation housing made of cast aluminium
cover made of stainless steel
reflector made of anodised pure aluminium
safety glass satiné
insert hole: \varnothing 130 mm x 130 mm
surface temperature max. 160 °C
loading max. 1000 kg

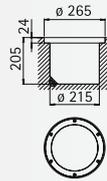


..2148

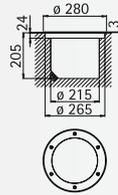


Art.-no.	Lamp	Base	Material
692148	1 x QT-DE 12 60 W	R7s	stainless steel

In-ground luminaires



..2118



..2113



Foto: KONZEPT CI, Oestrich-Winkel

Ground recessed spotlight

symmetrical
with electronic ballast

- Anti-slip glass and further lamps are available on request.

Protection class IP 67
for fluorescent lamp TC-TEL
installation housing made of cast aluminium
cover made of cast aluminium
respectively stainless steel
reflector made of anodised pure aluminium
clear safety glass
insert hole: \varnothing 215 mm x 205 mm
surface temperature max. 85 °C
loading max. 3000 kg

Art.-no.	Lamp	Base	Material/Colour
662118	1 x TC-TEL 18 W	GX24q-2	black
692113	1 x TC-TEL 18 W	GX24q-2	stainless steel

Ground recessed spotlight

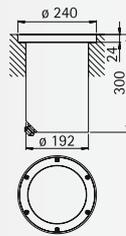
symmetrical

- Anti-slip glass and asymmetrical light distribution are available on request.

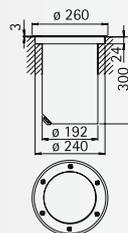
Protection class IP 67
for metal halide lamps HIT-CE
installation housing made of cast aluminium
cover made of cast aluminium
respectively stainless steel
reflector made of anodised pure aluminium
clear safety glass
insert hole: \varnothing 192 mm x 300 mm
surface temperature max. 125 °C
loading max. 3000 kg

- 690038 Louvre
- 690039 Infrared filter to reduce the surface temperature by approx. 20%

- Further lamps are available:
HI 35 to 150 W
HM 50 to 125 W
HS 70 to 150 W
TC 10 to 42 W



..2169



..2170

Art.-no.	Lamp	Base	Material/Colour
662169	1 x HIT-CE 70 W	G12	black
692170	1 x HIT-CE 70 W	G12	stainless steel

Ground recessed spotlight

30° slewable

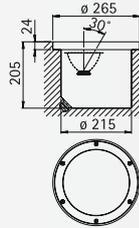
Protection class IP 67
 for metal halide lamps HIT-CE
 symmetrical and asymmetrical light
 distribution possible
 installation housing made of cast
 aluminium
 respectively stainless steel
 reflector made of anodised pure
 aluminium
 clear safety glass
 insert hole: \varnothing 215 mm x 205 mm
 surface temperature max. 125°C
 loading max. 3000 kg

690037 Louvre

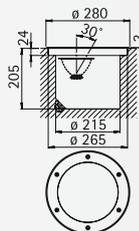
- A half beam angle 40° or 15° and anti-slip glass are available on request.

Distance [m]	\varnothing Cube [m]	Illumination [lx]
6,0	3,17	83
5,0	2,64	120
4,0	2,11	188
3,0	1,59	334
2,0	1,06	751
1,0		3005

..2116, ..2117 Half beam angle 30°



..2116



..2117



In-ground
luminaires

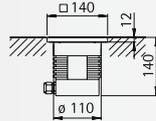


Art.-no.	Lamp	Base	Material/Colour
662116	1 x HIT-CE 70 W	G12	black
692117	1 x HIT-CE 70 W	G12	stainless steel



In-ground luminaires

In-ground luminaires

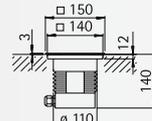


..2173

Ground recessed spotlight

symmetrical

Protection class IP 67
for tungsten halogen lamps QT 14
installation housing made of cast aluminium
cover made of cast aluminium
respectively stainless steel
reflector made of anodised pure aluminium
clear safety glass
insert hole: \varnothing 110 mm x 140 mm
surface temperature max. 148 °C
loading max. 1200 kg



..2174

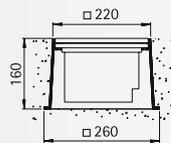
Art.-no.	Lamp	Base	Material/Colour
662173	1x QT 14 75 W	G9	black
692174	1x QT 14 75 W	G9	stainless steel



Ground recessed spotlight

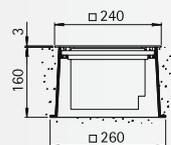
asymmetrical

Protection class IP 67
for metal halide lamps HIT-CE
installation housing made of cast aluminium
cover made of cast aluminium
respectively stainless steel
reflector made of anodised pure aluminium
clear safety glass
insert hole: \square 260 mm x 160 mm
surface temperature max. 115 °C
loading max. 3000 kg



..2114

- Anti-slip glass and further lamps are available on request.



..2115

Art.-no.	Lamp	Base	Material/Colour
662114	1x HIT-CE 70 W	G12	black
692115	1x HIT-CE 70 W	G12	stainless steel