



# Niethammer Spotlights

Zoom profile spotlights

HPZ 211 X

HPZ 215 X



2000 Watt fanless

10° - 22°

15° - 40°

**HPZ 211 X** order no. N 211-003

**HPZ 215 X** order no. N 215-003

## Specifications

### Optical system

- Spherical cold light glass reflector and opposing reflector manufactured from electrolytically polished and anodised high purity aluminium
- All lenses equipped with broadband anti-reflective coating
- Aspherical condenser lens
- Plano convex intermediate lens in lamp housing
- Zoom optics with two (HPZ 211 X) resp. three (HPZ 215 X) plano convex lenses
- Focal length and focusing adjustable by individual controls
- Lamp holder height adjustable for different light centres
- Soft glass mounting option inside the zoom tube

### Electrical components

2.5m mains cable with Schuko plug  
Lamp holder G22 / 220-240V  
No fan, passive cooling only

### Scope of delivery

The standard model is supplied with a metal protective grid and 2.5m mains cable with assembled Schuko plug.

### Housing

The entire housing has an anthracite-coloured heat and wear resistant finish.  
All metal parts are corrosion-protected.

The lamp housing is equipped with a rotatable integrated four-blade shutter and slot for a gobo holder (size A) and with a field-replacble beam size iris. The lamp housing cover can be swivelled back to provide rapid access to lamp, lens and reflector. A handle is provided on the rear cover of the housing.

The spotlight is equipped with a three-slot front cassette according to DIN 15560 (245 x 245 mm) for gel holders and accessories. A large format hinged flap offers easy access to the zoom lenses without tools. The lamp housing is fully rotatable throug 360° and 9-times lockable in its normal orientation or choosable positions.

### Safety/Reliability

- The spotlight complies to the relevant European safety regulations (EN 60598-1, EN 60598- 2-17) and is labeled with the CE marking.
- No sharp edges on spotlight body.
- Handles and controls are made from non-thermoconductive materials.
- All metal parts are corrosion-protected.
- Self closing latch prevents accessories from dropping out of the front cassette.

### Mounting

- Stable, steel section fixing yoke with bearings on both sides.
- A cranked yoke is optionally available.
- Yoke with drilled holes matching a spotlight base plate or wall hook according to DIN 15560.
- The integrated tilt lock will not affect the spotlight's tilt position when fastened.





## HPZ 211 X 10°–22°

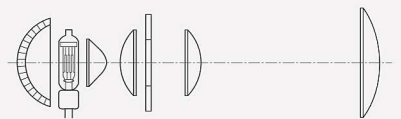
- 2 zoom lenses and double condenser optics
- G22 lamp holder
- No fan, no noise
- Suitable as a proscenium (arch) spotlight and on audience lighting bridges up to a distance of approximately 36m
- Dimensions: (A x B x C): 870 x 430 x 595mm
- Weight: 24kg

## HPZ 215 X 15°–40°

- 3 zoom lenses and double condenser optics
- G22 lamp holder
- No fan, no noise
- Suitable as a proscenium (arch) spotlight and on audience lighting bridges up to a distance of approximately 28m
- Dimensions: (A x B x C): 835 x 430 x 595mm
- Weight: 23kg

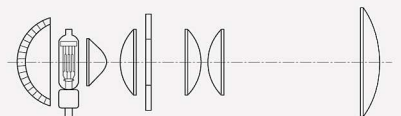
### HPZ 211 X

2,000W / 52,000lm	Distance (m)	10.0	12.5	15.0	20.0	25.0	30.0	40.0	50.0
min. opening angle: 10°   ax.= 100,000cd	Ø Dia. Light circle (m)	1.7	2.2	2.6	3.5	4.4	5.3	7.0	8.8
	Luminous intensity (lx)	10,000	6,400	4,444	2,500	1,600	1,111	625	400
max. opening angle: 22°   ax.= 245,000cd	Ø Dia. Light circle (m)	3.9	4.9	5.8	7.8	9.7	11.7	15.6	19.4
	Luminous intensity (lx)	2,450	1,568	1,089	613	392	272	153	98



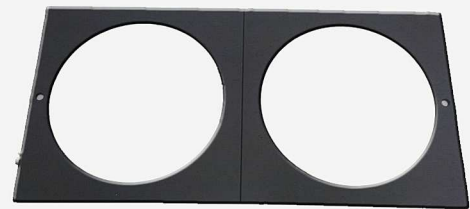
### HPZ 215 X

2,000W / 52,000lm	Distance (m)	10.0	12.5	15.0	20.0	25.0	30.0	40.0	50.0
min. opening angle: 15°   ax.= 490,000cd	Ø Dia. Light circle (m)	2.6	3.3	3.9	5.3	6.6	7.9	10.5	13.2
	Luminous intensity (lx)	4,900	3,136	2,178	1,225	784	544	306	196
max. opening angle: 40°   ax.= 75,000cd	Ø Dia. Light circle (m)	7.3	9.1	10.9	14.6	18.2	21.8	29.1	36.4
	Luminous intensity (lx)	750	480	333	188	120	83	47	30



## Accessories for HPZ 211 X and HPZ 215 X

N10-158	Clamp RC50 – silver – for tube diameters from 32-52mm
N10-083	Clamp RC80 – silver – for tube diameters from 50-82mm
N12-295	Spotlight base plate BN155 – grey – incl. 4 bolts M10x35mm, with washer and lock washer
1090.52.302	PFK/245 Card board holder – grey –, 1 pc.
N215-910	GH 100-D A-size gobo holder



## Spare parts HPZ 211 X

N 85-846	Cold light glass reflector
N 130-605	2nd reflector
N 110-867	Lamp holder G22
N 130-706	Aspherical condenser lens
N 130-648	Intermediate lens, diameter = 114mm
N 215-600	Beam size iris, diameter = 80mm
N 215-440	Shutter unit, diameter = 175mm
N 130-642	Rear zoom lens, diameter = 114mm
N 130-647	Front zoom lens, diameter = 203mm
N 43-216	Lamp house rotation lock (complete)
N 215-900	Colour filter cassette SG 245
N 130-744	Tilt lock knob, M10
N 70-459	Zoom/focus adjustment knob
N 115-520 ET	Complete condenser lens mounting (3 parts)
N 115-560 ET	Complete reflector mounting (4 parts)
N 215-100	Hood (complete), lamp housing
N 70-326	Knurled knob M6, lamp housing
N 70-194	Handle, lamp housing

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