

PRODUCTS IN FOCUS

SPECIALIST PRODUCTS AND TOP SELLERS FOR INDIVIDUAL LIGHTING SOLUTIONS

ISSUE 1



MODILITE



COLORLITE
TOPFLOOD



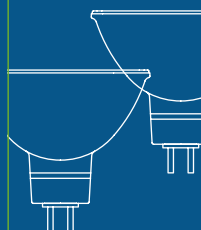
REFLEKTO
CLEAR



C-TOPSPOT



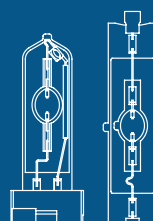
REFLEKTO
COLOURED



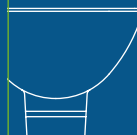
ULTRALIFE



TOPSPOT
G12/
HITLITE
Rx7s



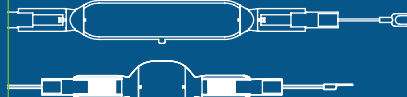
WHITESTAR



LUXIA® DRIVER



STATURION®



MODILITE

DIMMABLE METAL HALIDE LAMPS FOR ENERGY SAVING

- Gradually dimmable down to 50 % (with electronic ballast)
- Energy savings of up to 65 % (compared to conventional systems)
- Significant reduction of CO₂ emission: Potential subject to governmental subsidies
- Compatible with lighting systems of Nedap, Smartlux, Lanzini, Fael Luce, Schuch, Sill, and other well-known suppliers
- Ignition voltage: 4.0 kV
- Burning position: u360
- Base: E40
- Packing unit: 12 pcs



Designation	Design	Nominal wattage [W]	Lamp current [A]	Luminous flux [lm]	Colour temperature [K]	Average service life [h]	Ø [mm]	Length L [mm max.]	LCL [mm]	Colour rendering class	Order no.
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Tubular design – for closed fixtures

HPT 250 nw E40	clear	250	2.5	22500	4200	15000	47.0	248.0	146.0	2A	298221
HPT 320 nw E40	clear	320	3.5	31000	4200	15000	47.0	275.0	175.0	2A	297221
HPT 400 nw E40	clear	400	4.0	39000	4200	15000	63.0	279.0	175.0	2A	295221

Elliptical design Ø 90 mm – for open fixtures (HPE-P) and closed fixtures (HPE)

HPE 250 nw E40 cl 90	clear	250	2.5	22500	4200	15000	90.0	226.0	142.0	2A	229801
HPE 320 nw E40 cl 90	clear	320	3.5	31000	4200	15000	90.0	226.0	142.0	2A	229701
HPE 400 nw E40 cl 90	clear	400	4.0	39000	4200	15000	90.0	226.0	142.0	2A	229901
HPE 250 nw E40 co 90	coated	250	2.5	21500	4200	15000	90.0	226.0		2A	229851
HPE 320 nw E40 co 90	coated	320	3.5	30000	4200	15000	90.0	226.0		2A	229751
HPE 400 nw E40 co 90	coated	400	4.0	38000	4200	15000	90.0	226.0		2A	229951
HPE-P 250 nw E40 cl 90	clear	250	2.5	21500	4200	15000	90.0	226.0	142.0	2A	229803
HPE-P 320 nw E40 cl 90	clear	320	3.5	30000	4200	15000	90.0	226.0	142.0	2A	229703
HPE-P 400 nw E40 cl 90	clear	400	4.0	38000	4200	15000	90.0	226.0	142.0	2A	229903
HPE-P 250 nw E40 co 90	coated	250	2.5	21000	4200	15000	90.0	226.0		2A	229853
HPE-P 320 nw E40 co 90	coated	320	3.5	29500	4200	15000	90.0	226.0		2A	229753
HPE-P 400 nw E40 co 90	coated	400	4.0	37000	4200	15000	90.0	226.0		2A	229953

Elliptical design Ø 120 mm – for open fixtures (HPE-P) and closed fixtures (HPE)

HPE 250 nw E40 cl 120	clear	250	2.5	22500	4200	15000	120.0	290.0	175.0	2A	229811*
HPE 320 nw E40 cl 120	clear	320	3.5	31000	4200	15000	120.0	290.0	175.0	2A	229711*
HPE 400 nw E40 cl 120	clear	400	4.0	39000	4200	15000	120.0	290.0	175.0	2A	229911
HPE 250 nw E40 co 120	coated	250	2.5	21500	4200	15000	120.0	290.0		2A	229861*
HPE 320 nw E40 co 120	coated	320	3.5	30000	4200	15000	120.0	290.0		2A	229761*
HPE 400 nw E40 co 120	coated	400	4.0	38000	4200	15000	120.0	290.0		2A	229961
HPE-P 250 nw E40 cl 120	clear	250	2.5	21500	4200	15000	120.0	290.0	175.0	2A	229813*
HPE-P 320 nw E40 cl 120	clear	320	3.5	30000	4200	15000	120.0	290.0	175.0	2A	229713*
HPE-P 400 nw E40 cl 120	clear	400	4.0	38000	4200	15000	120.0	290.0	175.0	2A	229913
HPE-P 250 nw E40 co 120	coated	250	2.5	21000	4200	15000	120.0	290.0		2A	229863*
HPE-P 320 nw E40 co 120	coated	320	3.5	29500	4200	15000	120.0	290.0		2A	229763*
HPE-P 400 nw E40 co 120	coated	400	4.0	37000	4200	15000	120.0	290.0		2A	229963

* available as of September 2012

C-TOPSPOT GU6.5, G8.5, G12

CERAMIC METAL HALIDE LAMPS FOR HIGH COLOUR RENDERING

- Excellent colour rendering
- Stable colour temperature throughout entire service life
- High consistency of the light colour from lamp to lamp
- Reduced textile fading effect and less embrittlement of plastics (UV-P)
- Ignition voltage: 4.0 kV
- Burning position: u360
- Packing unit: 12 pcs



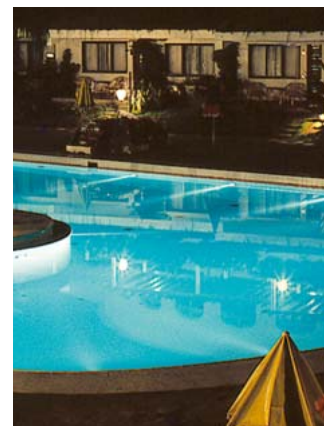
Designation	Nominal wattage [W]	Lamp current [A]	Luminous flux [lm]	Colour temperature [K]	Average service life [h]	Ø [mm]	Length L [mm max.]	LCL [mm]	Colour rendering class	Order no.
C-HIT 20 nw GU6.5	20	0.2	1800	4000	10000	13.0	52.0	30.0	1B	226842*
C-HIT 35 nw GU6.5	35	0.4	3300	4200	10000	13.0	52.0	30.0	1B	226542*
C-HIT 20 nw G8.5	20	0.2	1800	4000	10000	14.0	70.0	52.0	1B	226832*
C-HIT 35 nw G8.5	35	0.4	3300	4200	10000	14.0	70.0	52.0	1B	226532*
C-HIT 35 ww G12	35	0.5	3400	3000	12000	19.0	90.0	56.0	1B	226521
C-HIT 35 nw G12	35	0.5	3300	4200	12000	19.0	90.0	56.0	1B	226522
C-HIT 70 ww G12	70	1.0	6700	3000	12000	19.0	90.0	56.0	1B	226621
C-HIT 70 nw G12	70	1.0	6600	4000	12000	19.0	90.0	56.0	1A	226622
C-HIT 150 ww G12	150	1.8	14000	3000	12000	22.0	100.0	56.0	1B	226721
C-HIT 150 nw G12	150	1.8	13000	4000	12000	22.0	100.0	56.0	1A	226722

* available as of the second half of 2012

TOPSPOT G12/HITLITE Rx7s

METAL HALIDE LAMPS WITH EXCEPTIONALLY HIGH COLOUR TEMPERATURES

- Excellent colour rendering and colour balance
- High colour stability over entire service life
- UV protection (UV-P)
- Ignition voltage: 4.0 kV
- Burning position: u360 (G12)/p45 (Rx7s)
- Packing unit: 10 pcs



(Selection from the standard range)

Designation	Nominal wattage [W]	Lamp current [A]	Luminous flux [lm]	Colour temperature [K]	Average service life [h]	Ø [mm]	Length L [mm max.]	LCL [mm]	Colour rendering class	Base	Order no.
HIT 70 8800 K G12	70	0.9	3100	8800	6000	23.0	99.0	56.0	1A	G12	226004
HIT 150 6500 K G12	150	1.8	11000	6500	6000	23.0	99.0	56.0	1B	G12	226904
HIT 150 8800 K G12	150	1.8	7500	8800	6000	23.0	99.0	56.0	1A	G12	226224
HIT-DE 70 8800 K	70	0.9	3100	8800	10000	20.0	114.2		1A	Rx7s	220204
HIT-DE 150 8800 K	150	1.8	7000	8800	10000	23.0	132.0		1A	Rx7s-24	221204

COLORLITE TOPFLOOD

CHROMATIC METAL HALIDE LAMPS FOR ARCHITECTURAL LIGHTING

- Effective illumination thanks to high luminous flux packages
- High colour saturation
- G12, Rx7s, E27 base types also available
- For standard projectors; no colour filters required
- Average service life: 8000 h
- Ignition voltage: 4.0 kV
- Base: E40
- Burning position: u360



Designation	Colour	Nominal wattage [W]	Lamp current [A]	Luminous flux [lm]	Colour saturation [%]	Dominating wavelength [nm]	Ø [mm]	Length L [mm max.]	LCL [mm]	Packing unit [Pcs]	Order no.
HIT 150 bl E40	blue	150	1.8	3200	66	465	47.0	211.0	132.0	12	224326*
HIT 250 bl E40	blue	250	3.0	5400	66	465	46.0	225.0	150.0	12	224426
HIT 400 bl E40	blue	400	4.0	8000	66	465	46.0	275.0	175.0	12	224526
HIT 1000 bl E40	blue	1000	9.5	22000	61	455	76.0	340.0	220.0	6	224626
HIT 400 ye E40	yellow	400	4.0	36000	67	575	46.0	275.0	175.0	12	224566
HIT 150 gr E40	green	150	1.8	12000	43	560	47.0	211.0	132.0	12	224316*
HIT 250 gr E40	green	250	3.0	21000	50	530	46.0	225.0	150.0	12	224416*
HIT 400 gr E40	green	400	4.0	35000	57	535	46.0	275.0	175.0	12	224516*
HIT 1000 gr E40	green	1000	9.5	85000	60	535	76.0	340.0	220.0	6	224616*
HIT 250 mg E40	magenta	250	3.0	11000	29	-560	46.0	225.0	150.0	12	224436*
HIT 400 mg E40	magenta	400	4.0	21000	32	-540	46.0	275.0	175.0	12	224536
HIT 250 or E40	orange	250	3.0	17000	54	595	46.0	225.0	150.0	12	224446*
HIT 400 or E40	orange	400	4.0	29000	60	590	46.0	275.0	175.0	12	224546*

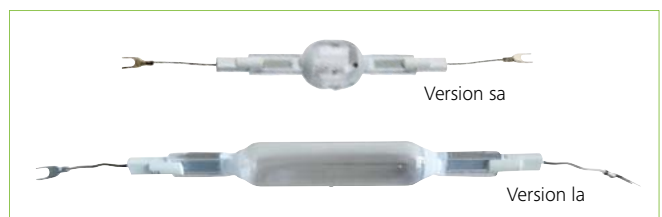
* on request

Use lamps only in suitable fixtures with corresponding cover glass. Maximum base temperature 220 °C.

STATURION®

HIGH-PERFORMANCE METAL HALIDE LAMPS FOR SPORTS FACILITIES

- For large stadiums (version short arc) and smaller sports facilities (version long arc)
- High energy efficiency and luminous efficacy
- High average service life
- Good to excellent colour rendering
- Compact design for small projectors with lower wind load
- Ignition voltage: 4.0 kV
- Burning position: p15
- Base: Cable
- Packing unit: 1 pc



Designation	Nominal wattage [W]	Lamp current [A]	Luminous flux [lm]	Colour temperature [K]	Average service life [h]	Ø [mm]	Length L [mm max.]	Electrode distance [mm]	Colour rendering class	Order no.
HIT-DE sa 1000 dw	1000	10.3	90000	6300	6000	28.0	187.0	24.0	1A	131100
HIT-DE sa 2000 dw	2000	10.3	200000	6300	5000	40.0	187.0	32.0	1A	131200
HIT-DE la 2000 nw	2000	10.3	230000	4400	8000	30.0	274.0	117.0	2B	131212

LUXIA® DRIVER

ELECTRONIC TRANSFORMER

- Ideal for halogen MR16 and LED MR16 retrofit lamps
- No minimum load
- Enabled smooth dimming with leading edge dimmers



Designation	Power range [W]	Primary/secondary voltage [V]	Max. eff. secondary current [A]	Dimensions L×W×H [mm]	Weight [kg]	Protection class	Max. tolerable ambient temperature	Packing unit [Pcs]	Order no.
LUXIA® 0–60W	0–60	230 V _{AC} /11,5 V _{AC}	5.0	73×36×26	0.10	IP44	40 °C	16	456001
LUXIA® 0–105W	0–105	230 V _{AC} /11,5 V _{AC}	9.5	119×37×30	0.13	IP23	40 °C	24	456002

ULTRALIFE

DIMMABLE LOW-VOLT DICHROIC REFLECTOR LAMPS WITH EXCEPTIONALLY HIGH SERVICE LIFE

- Average service life: 18,000 h
- Cost reduction due to long maintenance intervals
- High quality titanium oxide coating
- Integrated flat protection lens, UV protection (UV-P)
- Burning position: u360



Designation	Power range [W]	Lamp voltage [V]	Beam angle	Luminous intensity [cd]	Colour temperature [K]	ANSI-Code	Ø [mm]	Length L [mm max.]	Base	Packing unit [Pcs]	Order no.
ULTRALIFE 35/24°	35	12	24°	1700	3000	FMV	50.7	44.9	GU5.3	50	187352
ULTRALIFE 35/36°	35	12	36°	950	3000	FMW	50.7	44.9	GU5.3	50	187351
ULTRALIFE 50/12°	50	12	12°	6500	3100	EXT	50.7	44.9	GU5.3	50	187053
ULTRALIFE 50/24°	50	12	24°	2700	3100	EXZ	50.7	44.9	GU5.3	50	187052
ULTRALIFE 50/36°	50	12	36°	1500	3100	EXN	50.7	44.9	GU5.3	50	187051
ULTRALIFE 50/60°	50	12	60°	600	3100	FNV	50.7	44.9	GU5.3	50	187059

WHITESTAR

LOW VOLTAGE DICHROIC LAMP WITH HIGH COLOUR TEMPERATURE (UP TO 6500 K)

- Brilliant light for prestigious illumination
- Average service life: 4000 h
- Integrated flat protection lens, UV protection (UV-P)
- Burning position: u360
- Packing unit: 50 pcs



Designation	Power range [W]	Lamp voltage [V]	Beam angle	Luminous intensity [cd]	Colour temperature [K]	Ø [mm]	Length L [mm max.]	Base	Order no.*
WHITESTAR 35/36°	35	12	36°	500	5300	50.7	44.9	GU5.3	185324
WHITESTAR 50/12°	50	12	12°	5000	4700	50.7	44.9	GU5.3	189823
WHITESTAR 50/12°	50	12	12°	3300	6500	50.7	44.9	GU5.3	189826
WHITESTAR 50/24°	50	12	24°	2000	4200	50.7	44.9	GU5.3	189822
WHITESTAR 50/24°	50	12	24°	1100	5300	50.7	44.9	GU5.3	189825
WHITESTAR 50/36°	50	12	36°	1200	4200	50.7	44.9	GU5.3	189821
WHITESTAR 50/36°	50	12	36°	600	5300	50.7	44.9	GU5.3	189824

* 10W versions on request

REFLEKTO CLEAR

LOW VOLT REFLECTOR LAMPS FOR RECESSED INSTALLATION

- Reflector with aluminum coating
- Significantly reduced heat to the rear
- Ideally suited for recessed installation in thermally critical areas
- Dimmable
- Average service life: 4500 h
- Integrated flat protection lens, UV protection (UV-P)
- Burning position: u360
- Packing unit: 50 pcs



Designation	Power range [W]	Lamp voltage [V]	Beam angle	Luminous intensity [cd]	Colour temperature [K]	ANSI-Code	Ø [mm]	Length L [mm max.]	Base	Order no.*
REFLEKTO CLEAR 35/12°	35	12	12°	6000	2900	FMT	50.7	44.9	GU5.3	183053
REFLEKTO CLEAR 35/24°	35	12	24°	2300	2900	FMV	50.7	44.9	GU5.3	183052
REFLEKTO CLEAR 35/36°	35	12	36°	1300	2900	FMW	50.7	44.9	GU5.3	183051
REFLEKTO CLEAR 35/60°	35	12	60°	510	2900		50.7	44.9	GU5.3	183059
REFLEKTO CLEAR 50/12°	50	12	12°	11000	2950	EXT	50.7	44.9	GU5.3	185053
REFLEKTO CLEAR 50/24°	50	12	24°	3600	2950	EXZ	50.7	44.9	GU5.3	185052
REFLEKTO CLEAR 50/36°	50	12	36°	2000	2950	EXN	50.7	44.9	GU5.3	185051
REFLEKTO CLEAR 50/60°	50	12	60°	850	2950	FNV	50.7	44.9	GU5.3	185059

* 20W versions and open version on request

REFLEKTO COLOURED

LOW VOLT REFLECTOR LAMPS FOR SOPHISTICATED DESIGN REQUIREMENTS

- SUPERLINE designer reflector
- Black or silver coating on the rear
- No rear stray light
- Average service life: 4500 h
- Burning position: u360
- Packing unit: 50 pcs



Designation	Power range [W]	Lamp voltage [V]	Beam angle	Luminous intensity [cd]	Colour temperature [K]	ANSI-Code	Ø [mm]	Length L [mm max.]	Base	Order no.*
REFLEKTO black 35/36°	35	12	36°	1200	2950	FMW	50.7	44,9	GU5.3	103151
REFLEKTO black 50/24°	50	12	24°	3000	3000	EXZ	50.7	44,9	GU5.3	105152
REFLEKTO black 50/36°	50	12	36°	1580	3000	EXN	50.7	44,9	GU5.3	105151
REFLEKTO silver 35/36°	35	12	36°	1200	2950	FMW	50.7	44,9	GU5.3	103251
REFLEKTO silver 50/24°	50	12	24°	3000	3000	EXZ	50.7	44,9	GU5.3	105252
REFLEKTO silver 50/36°	50	12	36°	1580	3000	EXN	50.7	44,9	GU5.3	105251

* 20W versions on request

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