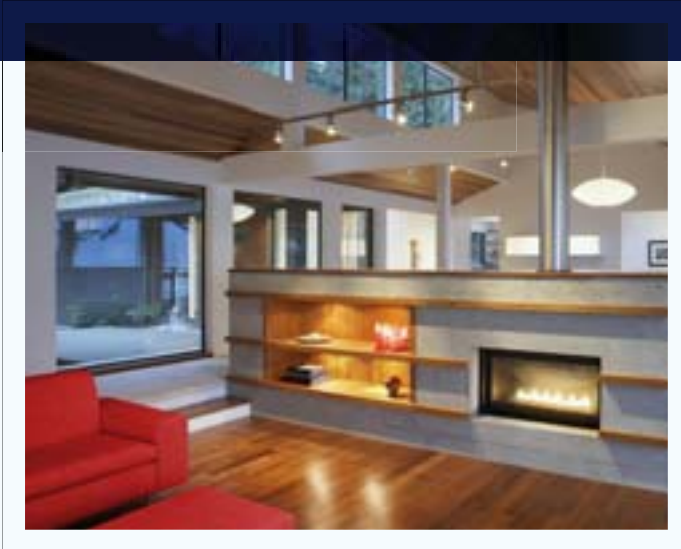


Light shown from its best side.

HALOGEN
ECO



Good for you. Good for your customers. Good for the environment.

Thanks to OSRAM there are 100% direct replacements for old incandescent lamps in good time before they are finally banned.

HALOGEN ECO "CLASSIC LIGHT" lamps with screw bases are full alternatives to conventional incandescent lamps – and HALOGEN ECO "BRILLIANT LIGHT" lamps are one-for-one replacements for standard halogen lamps with pin or plug bases. Innovative ECO halogen lamps provide a very attractive warm light with excellent color rendering – but are more eco-friendly and more durable than their conventional counterparts.

- The same dimensions as corresponding standard lamps
- Natural full color rendering ($R_a = 100$)
- Warm pleasant light like that of an incandescent lamp with color temperatures from about 2700 to about 3100 K
- 100% stepless dimming on any commercially available dimmer
- Instant light with no visible startup time (< 1 second)
- Twice the life of corresponding standard lamps

Best feel-good quality of light. Halogen ECO with CLASSIC LIGHT.

The direct alternative to the incandescent lamp.

The best brilliant quality of light. HALOGEN ECO with BRILLIANT LIGHT.

The specialists for all traditional halogen applications.

Convincing arguments for your customers.

- More compact luminaires thanks to lower heat output
- Existing luminaires can be instantly upgraded
- Expansion/optimization of the portfolio of luminaires
- Trend toward sustainable products/marketing concepts
- Efficient light source with excellent color rendering ($R_a = 100$)
- Active contribution to climate protection



OSRAM low-voltage-halogen lamps can be operated with perfect results with the appropriate HALOTRONIC® control gear from OSRAM. In combination with HALOTRONIC® you get a 5 year guarantee on the ECG and 1 year on HALOGEN ECO lamps from OSRAM – HALOSTAR ECO/STARLITE, DECOSTAR ECO/TITAN and HALOSPOT ECO – (after registering the system and under certain conditions of use; for terms and conditions and information on registration go to www.osram.com/system-guarantee).

TECHNICAL DATA



Order number Replaces standard HALOGEN ECO

HALOGEN CLASSIC A ECO with base E27

	Standard incandescent lamp		HALOGEN ECO CLASSIC A			
64541 ECO A	20 W	→	18 W	D	170	2700
64542 ECO A	35 W	→	28 W	D	345	2700
64543 ECO A	55 W	→	42 W	C	630	2700
64544 ECO A	70 W	→	53 W	C	840	2800
64547 ECO A	92 W	→	70 W	C	1200	2800
64548 ECO A	135 W	→	105 W	C	1900	2900

HALOGEN CLASSIC B ECO with base E14

	Standard incandescent lamp		HALOGEN ECO CLASSIC B			
64541 ECO B	20 W	→	18 W	D	170	2700
64542 ECO B	35 W	→	28 W	D	345	2700
64543 ECO B	55 W	→	42 W	C	630	2700

HALOGEN CLASSIC BW ECO with base E14

	Standard incandescent lamp		HALOGEN ECO CLASSIC BW			
64542 ECO BW	35 W	→	28 W	D	345	2700

HALOGEN CLASSIC P ECO with base E14/E27

	Standard incandescent lamp		HALOGEN ECO CLASSIC P			
64541 ECO P	20 W	→	18 W	D	160	2700
64542 ECO P	33 W	→	28 W	D	320	2700
64543 ECO P	52 W	→	42 W	D	580	2700

HALOGEN SPOT R50/R63 ECO with base E14/E27

	Standard incandescent lamp as a spotlight		HALOGEN Spot lamp as a spotlight			
64545 R50 ECO	40 W	→	28 W	-	410	2700
64546 R63 ECO	60 W	→	42 W	-	765	2700



OSRAM HALOPAR® 16 ECO with base GU10

	Standard HALOPAR®		OSRAM HALOPAR® 16 ECO			
64819 ECO	35 W	→	28 W	-	570	2700
64823 ECO	50 W	→	40 W	-	900	2800

HALOPIN® ECO with base G9

	Standard HALOPIN®		HALOPIN® ECO			
66720 ECO	25 W	→	20 W	D	200	2700
66733 ECO	40 W	→	33 W	C	460	2700
66748 ECO	60 W	→	48 W	C	740	2800
66760 ECO	75 W	→	60 W	C	980	2800



Order number Replaces standard HALOGEN ECO

HALOLINE® ECO with base R7s

	Standard 74,9mm		HALOLINE® ECO			
64684 ECO	60 W	→	48 W	C	750	2900
64690 ECO	100 W	→	80 W	C	1400	2900
64695 ECO	150 W	→	120 W	C	2250	2900

	Standard 114,2mm		HALOLINE® ECO			
64696 ECO	150 W	→	120 W	C	2250	2950
64698 ECO	200 W	→	160 W	C	3100	2950
64701 ECO	300 W	→	230 W	C	5000	2950
64702 ECO	500 W	→	400 W	C	9000	2950

HALOLUX CERAM® ECO

	Standard HALOLUX CERAM®		HALOLUX CERAM® ECO			
64491 ECO	40 W	→	40 W	C	590	2700
64406 ECO	60 W	→	60 W	C	980	2800
64494 ECO	75 W	→	70 W	C	1180	2800
64496 ECO	100 W	→	100 W	C	1800	2900
64498 ECO	150 W	→	150 W	C	2870	2900
64499 ECO	230 W	→	205 W	C	4200	3000

HALOSTAR® ECO with base G4/GY 6.35

	Standard pin-base lamp		HALOSTAR® ECO			
64417 ECO	10 W	→	7 W/G4	-	105	2800
64423 ECO	20 W	→	14 W/G4	-	240	2800
64429 ECO	35 W	→	25 W/GY6,35	-	500	2800
64432 ECO	50 W	→	35 W/GY6,35	-	860	2900
64440 ECO	75 W	→	50 W/GY6,35	-	1180	3000
64447 ECO	90 W	→	60 W/GY6,35	-	1650	3000

DECOSTAR® ECO with base GU5.3¹

	Standard reflector lamp		DECOSTAR® ECO			
48855 ECO	20 W	→	14 W	-	480	3000
48860 ECO	35 W	→	20 W	-	1000	3000
48865 ECO	50 W	→	35 W	-	2200	3000
48870 ECO	65 W	→	50 W	-	2850	3100

HALOSPOT 111 ECO with base G53²

	Standard 111 lamp		HALOSPOT 111 ECO			
48832 ECO	50 W	→	35 W	-	4200	2900
48835 ECO	75 W	→	50 W	-	5500	3000
48837 ECO	100 W	→	60 W	-	7000	3000

¹ For WFL=36°

² For FL=24°

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