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The European regulations setting ecodesign requirements for energy related products will continue to influence the lighting market in 2016 with the aim of banning inefficient products. As of September 1, 2016, the placing on the market of mains voltage directional halogen lamps will therefore be banned in accordance with the third implementing measure 1194/2012. The following table gives an overview of the affected LEDVANCE lamps and the corresponding LED-based alternatives.

Phase out products		Recommended LED alternatives (2016/2017)			
Item name	Product number (EAN)	Item name	Product number (EAN)		
	HALOPAR 20 FL 75W 230V GU10	4050300856971		PARATHOM ADVANCED PAR16 80 36° 7.2W/827 GU10	4052899958005
	HALOPAR 20 FL 75W 240V GU10	4050300856995		PARATHOM ADVANCED PAR16 80 36° 7.2W/827 GU10	4052899958005
	HALOPAR 20 SP 50W 230V E27	4050300406800		PARATHOM ADVANCED PAR20 50 30° 6W/827 E27	4052899954939
	HALOPAR 20 FL 50W 230V E27	4050300406824		PARATHOM ADVANCED PAR20 50 30° 6W/827 E27	4052899954939
	HALOPAR 20 FL 50W 240V E27	4050300435282		PARATHOM ADVANCED PAR20 50 30° 6W/827 E27	4052899954939
	HALOPAR 20 FL 50W 230V E27	4050300406862		PARATHOM ADVANCED PAR20 50 30° 6W/827 E27	4052899954939
	HALOPAR 30 SP 75W 230V E27	4050300338460		PARATHOM ADVANCED PAR30 90 30° 9W/827 E27	4052899954892
	HALOPAR 30 FL 75W 230V E27	4050300338484		PARATHOM ADVANCED PAR30 90 30° 9W/827 E27	4052899954892
	HALOPAR 30 FL CB 75W 230V E27	4050300338507		PARATHOM ADVANCED PAR30 90 30° 9W/827 E27	4052899954892
	HALOPAR 30 FL CB 75W 240V E27	4050300435404		PARATHOM ADVANCED PAR30 90 30° 9W/827 E27	4052899954892
	HALOPAR 38 FL 100W 220-240V E27	4008321372062		PARATHOM PAR38 100 30° ADV 14W/827 E27	4052899954908
	HALOPAR 38 FL 75W 220-240V E27	4008321380340		PARATHOM PAR38 116 30° 14 W/827 E27	4052899954908
	HALOPAR 38 SP 75W 220-240V E27	4008321380401		PARATHOM PAR38 108 30° 11 W/827 E27	4052899955080
	HALOPAR 38 FL 50W 220-240V E27	4008321380364		PARATHOM R63 61 36° 5.5 W/827 E27	4052899956902
	HALOPAR 16 FL 40W 230V E14	4050300938479		PARATHOM RETROFIT R50 25 E14	4052899972711
				PARATHOM R50 40 30° ADV 3.5W/827 E14	4052899954953
	HALOPAR 16 FL 50W 230V GZ10	4050300501857		PARATHOM PRO PAR16 50 36° 5.9W/927 GU10	4052899957855
	HALOPAR 16 FL 50W 240V GZ10	4050300522708		PARATHOM ADVANCED PAR16 50 36° 5.5W/827 GU10	4052899957954
				PARATHOM PRO PAR16 50 36° 5.9W/927 GU10	4052899957855
	HALOPAR 16 FL 50W 230V GU10	4050300580111		PARATHOM ADVANCED PAR16 50 36° 5.5W/827 GU10	4052899957954
	HALOPAR 16 FL 50W 240V GU10	4050300580159		PARATHOM PRO PAR16 50 36° 5.9W/927 GU10	4052899957855
			PARATHOM ADVANCED PAR16 50 dim 36° 5.5W/827 GU10	4052899957954	
			PARATHOM PRO PAR16 50 dim 36° 5.9W/927 GU10	4052899957855	
			PARATHOM ADVANCED PAR16 50 dim 36° 5.5W/827 GU10	4052899957954	

Phase out products		Recommended LED alternatives (2016/2017)		
Item name	Product number (EAN)	Item name	Product number (EAN)	
	HALOPAR 16 35 W 230 V 35° GU10	4050300727165	PARATHOM PRO PAR16 35 dim 36° ADV 5.5W/927 GU10	4052899957831
	HALOPAR 16 FL 35W 240V GU10	4050300727226	PARATHOM PAR16 35 dim 36° ADV 3.3W/827 GU10	4052899957909
	HALOPAR 16 FL 20W 230V GU10	4008321279057	PARATHOM PRO PAR16 35 dim 36° ADV 5.5W/927 GU10	4052899957831
			PARATHOM PAR16 35 dim 36° ADV 3.3W/827 GU10	4052899957909
			PARATHOM PRO PAR16 35 dim 36° 5.5W/927 GU10	4052899957831
			PARATHOM ADVANCED PAR16 35 dim 36° ADV 3.3W/827 GU10	4052899957909
	HALOPAR 16 PRO FL 30W 230V GU10	4008321927767	PARATHOM PRO PAR16 35 dim 36° ADV 5.5W/927 GU10	4052899957831
	HALOPAR 16 PRO FL 30W 240V GU10	4008321934369	PARATHOM PAR16 35 dim 36° ADV 3.3W/827 GU10	4052899957909
	HALOPAR 16 PRO FL 42W 230V GU10	4008321208767	PARATHOM PRO PAR16 50 dim 36° 5.9W/927 GU10	4052899957855
	HALOPAR 16 PRO FL 42W 240V GU10	4008321226389	PARATHOM ADVANCED PAR16 50 dim 36° 5.5W/827 GU10	4052899957954
			PARATHOM PRO PAR16 50 dim 36° 5.9W/927 GU10	4052899957855
			PARATHOM ADVANCED PAR16 50 dim 36° 5.5W/827 GU10	4052899957954
	DECOPIN FL 40W 220-240V G9	4008321907189	no direct alternative	—
	HALOGEN CLASSIC R50 20W 230V E14	4008321984852	PARATHOM RETROFIT R50 25 E14	4052899972711
	HALOGEN CLASSIC R50 20W 240V E14	4052899932647	PARATHOM R50 40 30° ADV 3.5W/827 E14	4052899954953
	HALOGEN CLASSIC R50 30W 230V E14	4008321212115	PARATHOM RETROFIT R50 25 E14	4052899972711
	HALOGEN CLASSIC R50 30W 240V E14	4008321229328	PARATHOM R50 40 30° ADV 3.5W/827 E14	4052899954953
	HALOGEN CLASSIC R50 46W 230V E14	4008321984869	PARATHOM RETROFIT R50 25 E14	4052899972711
			PARATHOM R50 40 30° ADV 3.5W/827 E14	4052899954953
	HALOGEN CLASSIC R63 46W 230V E27	4008321212139	PARATHOM RETROFIT R63 40 E27	4052899972735
	HALOGEN CLASSIC R63 46W 240V E27	4008321229342	PARATHOM ADVANCED R63 61 E27	4052899956902
	HALOGEN CLASSIC R63 30W 230V E27	4008321670953	PARATHOM RETROFIT R63 40 E27	4052899972735
	HALOGEN CLASSIC R63 30W 240V E27	4008321758583	PARATHOM ADVANCED R63 61 E27	4052899956902
	HALOGEN CLASSIC R80 46W 230V E27	4052899054431	PARATHOM ADVANCED R50 40 30° 3.5W/827 E27	4052899954991
	HALOGEN CLASSIC R80 46W 240V E27	4052899237728	PARATHOM ADVANCED R50 40 30° 3.5W/827 E27	4052899954991
	HALOGEN CLASSIC R80 57W 230V E27	4052899054479	PARATHOM RETROFIT R80 46 E27	4052899972759
	HALOGEN CLASSIC R80 77W 230V E27	4052899054516	PARATHOM RETROFIT R80 46 E27	4052899972759
			PARATHOM ADVANCED R80 80 E27	4052899956902
			PARATHOM RETROFIT R80 46 E27	4052899972759
			PARATHOM ADVANCED R80 80 E27	4052899956902