



# Lamp Description

## Switch Start Metal Halide Standard

Range of Switch Start quartz metal halide lamps for long life and high efficiency.

### Features

- Long life up to 20,000 hours for 360 and 400 watt lamps.
- Up to 100 lumens per watt.

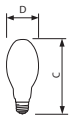
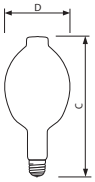
### Application

- Ideal for industrial and retail high/low bays, and parking lots.

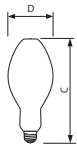
Related products



Dimensional drawing



## Dimensional drawing



## Compare table

Order code	Full product name	Bulb	Bulb Material	Bulb Finish	Base	Operating Position	Main Application	Color Code	Color Designation	Lamp Wattage	Lamp Current
928601119402	Switch Start MH Std 1500W Mog BT56 CL	BT56	Hard Glass	Clear	Mogul	Universal	General and Street Lighting	635	White	1500	6.2
928601122101	Switch Start MH Std 150W/635 Med BD17 CL	BD17	Hard Glass	Clear	Medium	Universal	General Lighting	635	White	150	1.8
928601122201	Switch Start MH Std 150W/635 Med BD17 CO	BD17	Hard Glass	Coated	Medium	Universal	General Lighting	635	White	150	1.8
928601122301	Switch Start MH Std 175W/640 Med BD17 CL	BD17	Hard Glass	Clear	Medium	Universal	General Lighting	640	Cool White	175	1.5
928601122305	Switch Start MH Std 175W/640 Med BD17 CL	BD17	Hard Glass	Clear	Medium	Universal	General Lighting	640	Cool White	175	1.5
928601122401	Switch Start MH Std 175W/640 Med BD17 CO	BD17	Hard Glass	Coated	Medium	Universal	General Lighting	640	Cool White	175	1.5
928601124202	Switch Start MH Std 400W/640 Mog ED28 CL	ED28	Hard Glass	Clear	Mogul	Universal	General Lighting	640	Cool White	400	3.25
928601124206	Switch Start MH Std 400W/640 Mog ED28 CL	ED28	Hard Glass	Clear	Mogul	Universal	General Lighting	640	Cool White	400	3.25
928601124901	Switch Start MH Std 400W/640 Mog ED28 CL	ED28	Hard Glass	Clear	Mogul	Base Up +/-15D	General Lighting	640	Cool White	400	3.25
928601126207	Switch Start MH Std 1000W Mog BT56 CL	BT56	Hard Glass	Clear	Mogul	Universal	General and Street Lighting	635	White	1000	4.1
928601126302	Switch Start MH Std 1000W CO U	BT56	Hard Glass	Coated	Mogul	Universal	General and Street Lighting	735	White	1000	4.1
928601126401	Switch Start MH Std 1000W/635 Mog BT37 CL	BT37	Hard Glass	Clear	Mogul	Universal	General Lighting	635	White	1000	4.1
928601126702	Switch Start MH Std 1000W WH Mog BT56	BT56	Hard Glass	Clear	Mogul	Base Up +/-15D	General Lighting	635	White	1000	4.1
928601126802	Switch Start MH Std 1000W Mog BT56 CO	BT56	Hard Glass	Coated	Mogul	Base Up +/-15D	General Lighting	735	White	1000	4.1
928601131201	Switch Start MH Std 1000W E40/41 U	BT56	Hard Glass	Clear	E40/41	Universal	General and Street Lighting	635	White	1000	4.1
928601150201	Switch Start MH Std 175W/640 Mog ED28 CL	ED28	Hard Glass	Clear	Mogul	Base Up +/-15D	General Lighting	640	Cool White	175	1.5
928601150301	Switch Start MH Std 175W U 1SL	ED28	Hard Glass	Clear	Mogul	Universal	General and Street Lighting	640	Cool White	175	1.5
928601150305	Switch Start MH Std 175W/640 Mog ED28 CL	ED28	Hard Glass	Clear	Mogul	Universal	General and Street Lighting	640	Cool White	175	1.5

Order code	Full product name	Bulb	Bulb Material	Bulb Finish	Base	Operating Position	Main Application	Color Code	Color Designation	Lamp Wattage	Lamp Current
928601150401	Switch Start MH Std 175W/640 Mog ED28 CO	ED28	Hard Glass	Coated	Mogul	Universal	General and Street Lighting	640	Cool White	175	1.5
928601150501	Switch Start MH Std 175W/630 Mog ED28 CO	ED28	Hard Glass	Coated	Mogul	Base Up +/-15D	General Lighting	630	Warm White	175	1.5
928601150801	Switch Start MH Std 250W/640 Mog ED28 CL U 1SL	ED28	Hard Glass	Clear	Mogul	Universal	General and Street Lighting	640	Cool White	250	2.1
928601150802	Switch Start MH Std 250W/640 Mog ED28 CL	ED28	Hard Glass	Clear	Mogul	Universal	General and Street Lighting	640	Cool White	250	2.1
928601150805	Switch Start MH Std 250W/640 Mog ED28 CL	ED28	Hard Glass	Clear	Mogul	Universal	General and Street Lighting	640	Cool White	250	2.1
928601150901	Switch Start MH Std 250W/735 Mog ED28 CO	ED28	Hard Glass	Coated	Mogul	Universal	General and Street Lighting	735	White	250	2.1
928601151001	Switch Start MH Std 250W/730 Mog ED28 CO	ED28	Hard Glass	Coated	Mogul	Base Up +/-15D	General Lighting	730	Warm White	250	2.1
928601151401	Switch Start MH Std 400W/540 Mog ED37 CL	ED37	Hard Glass	Clear	Mogul	Universal	General and Street Lighting	540	Cool White	400	3.25
928601151406	Switch Start MH Std 400W/540 Mog ED37 CL	ED37	Hard Glass	Clear	Mogul	Universal	General and Street Lighting	540	Cool White	400	3.25
928601151501	Switch Start MH Std 400W/640 Mog ED37 CO	ED37	Hard Glass	Coated	Mogul	Universal	General and Street Lighting	640	White	400	3.25
928601151601	Switch Start MH Std 400W/640 E40/41 ED37 CL	ED37	Hard Glass	Clear	E40/41	Universal	General and Street Lighting	640	Cool White	400	3.25
928601151701	Switch Start MH Std 400W/635 Mog ED37 CO	ED37	Hard Glass	Coated	Mogul	Universal	General Lighting	635	White	400	3.25
928601151801	Switch Start MH Std 400W/640 Mog ED37 CL	ED37	Hard Glass	Clear	Mogul	Base Up +/-15D	General Lighting	640	Cool White	400	3.25
928601151901	Switch Start MH Std 400W/640 Mog ED37 CO	ED37	Hard Glass	Coated	Mogul	Base Up +/-15D	General Lighting	640	Cool White	400	3.25
928601152901	Switch Start MH Std 360W/645 Mog ED37 CL	ED37	Hard Glass	Clear	Mogul	Base Up +/-15D	General Lighting	645	Cool White	360	3
928601153001	Switch Start MH Std 360W/640 Mog ED37 CO	ED37	Hard Glass	Coated	Mogul	Base Up +/-15D	General Lighting	640	Cool White	360	3
928601153501	Switch Start MH Std 175W/535 Med PAR38 55D CL	PAR38	Hard Glass	Clear	Medium	Universal	General Lighting	535	White	175	1.5
928601158701	Switch Start MH Std 175W/540 Mog ED28 CL	ED28	Hard Glass	Clear	Mogul	Universal	General Lighting	540	Cool White	175	1.5
928601158801	Switch Start MH Std 250W/540 Mog ED28 CL	ED28	Hard Glass	Clear	Mogul	Universal	General Lighting	540	Cool White	250	2.1
928601158901	Switch Start MH Std 400W/540 Mog ED37 CL	ED37	Hard Glass	Clear	Mogul	Universal	General Lighting	540	Cool White	400	3.25
928601159002	Switch Start MH Std 1000W Mog BT56 CL Basic	BT56	Hard Glass	Clear	Mogul	Universal	General Lighting	640	Cool White	1000	4.1
928601159101	Switch Start MH Std 1250W CL HOR 1SL	BT37	Hard Glass	Clear	Mogul	Horizontal	-	640	Cool White	1250	5.1
928601161201	Switch Start MH Std 175W Mog ED28 TG	ED28	Hard Glass	Clear	Mogul	Universal	General Lighting	640	Cool White	175	1.5
928601161301	Switch Start MH Std 250W Mog ED28 TG	ED28	Hard Glass	Clear	Mogul	Universal	General Lighting	540	Cool White	250	2.1
928601161401	Switch Start MH Std 400W Mog ED37 TG	ED37	Hard Glass	Clear	Mogul	Universal	General Lighting	540	Cool White	400	3.25
928601163701	Switch Start MH Std 360W Mog ED37 CL TG	ED37	Hard Glass	Clear	Mogul	Base Up +/-15D	General Lighting	645	Cool White	360	3

## Compare table

Order code	Full product name	Initial Lumens	Lamp Voltage	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	RatedAvgLife(See Family Notes)	Cap-Base Temperature	Bulb Temperature	Luminous Efficacy Lamp	Color Temperature
928601119402	Switch Start MH Std 1500W Mog BT56 CL	155000	268	398	397	60	3000	210	430	103	3700
928601122101	Switch Start MH Std 150W/635 Med BD17 CL	12250	110	400	400	65	10000	190	400	81.7	3700
928601122201	Switch Start MH Std 150W/635 Med BD17 CO	11750	110	420	405	65	10000	190	400	78.3	3400
928601122301	Switch Start MH Std 175W/640 Med BD17 CL	15400	132	390	400	65	10000	210	400	88	4000
928601122305	Switch Start MH Std 175W/640 Med BD17 CL	15400	132	390	400	65	10000	210	400	88	4000
928601122401	Switch Start MH Std 175W/640 Med BD17 CO	14000	132	405	400	65	10000	210	400	80	3700
928601124202	Switch Start MH Std 400W/640 Mog ED28 CL	36000	135	390	400	65	20000	210	400	90	4000
928601124206	Switch Start MH Std 400W/640 Mog ED28 CL	36000	135	390	400	65	20000	210	400	90	4000
928601124901	Switch Start MH Std 400W/640 Mog ED28 CL	40000	135	380	400	62	20000	210	400	100	4100
928601126207	Switch Start MH Std 1000W Mog BT56 CL	110000	263	390	395	65	12000	210	430	110	3700
928601126302	Switch Start MH Std 1000W CO U	107000	263	405	400	70	12000	210	430	107	3400
928601126401	Switch Start MH Std 1000W/635 Mog BT37 CL	114000	263	400	400	65	10000	210	430	114	3700
928601126702	Switch Start MH Std 1000W WH Mog BT56	120000	263	400	398	65	10000	210	430	120	3700
928601126802	Switch Start MH Std 1000W Mog BT56 CO	118000	263	413	395	70	10000	210	430	118	3400
928601131201	Switch Start MH Std 1000W E40/41 U	110000	263	390	395	65	12000	210	430	110000	3700
928601150201	Switch Start MH Std 175W/640 Mog ED28 CL	15000	132	365	395	65	10000	210	400	86	4000
928601150301	Switch Start MH Std 175W U 15L	14700	132	375	400	65	10000	210	400	84	4000
928601150305	Switch Start MH Std 175W/640 Mog ED28 CL	14700	132	375	400	65	10000	210	400	84	4000
928601150401	Switch Start MH Std 175W/640 Mog ED28 CO	14490	132	390	400	70	10000	210	400	82.8	3700
928601150501	Switch Start MH Std 175W/630 Mog ED28 CO	12000	132	420	405	70	10000	210	400	69	3200
928601150801	Switch Start MH Std 250W/640 Mog ED28 CL U 15L	21250	133	385	395	65	10000	210	400	85	4000

Order code	Full product name	Initial Lumens	Lamp Voltage	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	RatedAvgLife(See Family Notes)	Cap-Base Temperature	Bulb Temperature	Luminous Efficacy Lamp	Color Temperature
928601150802	Switch Start MH Std 250W/640 Mog ED28 CL	21250	133	385	395	65	10000	210	400	85	4000
928601150805	Switch Start MH Std 250W/640 Mog ED28 CL	21250	133	385	395	65	10000	210	400	85	4000
928601150901	Switch Start MH Std 250W/735 Mog ED28 CO	19500	133	400	395	70	10000	210	400	78	3700
928601151001	Switch Start MH Std 250W/730 Mog ED28 CO	18000	133	425	415	70	10000	210	400	72	3200
928601151401	Switch Start MH Std 400W/540 Mog ED37 CL	37000	135	385	395	65	20000	210	400	92.5	4000
928601151406	Switch Start MH Std 400W/540 Mog ED37 CL	37000	135	385	395	65	20000	210	400	92.5	4000
928601151501	Switch Start MH Std 400W/640 Mog ED37 CO	36000	135	400	395	70	20000	210	400	90	3700
928601151601	Switch Start MH Std 400W/640 E40/41 ED37 CL	37000	135	385	395	56	20000	210	400	92.5	4000
928601151701	Switch Start MH Std 400W/635 Mog ED37 CO	34400	135	420	410	63	20000	210	400	86	3300
928601151801	Switch Start MH Std 400W/640 Mog ED37 CL	40000	135	380	400	65	20000	210	400	85	4000
928601151901	Switch Start MH Std 400W/640 Mog ED37 CO	39200	135	390	400	65	20000	210	400	98	3900
928601152901	Switch Start MH Std 360W/645 Mog ED37 CL	36000	120	365	397	60	20000	210	400	100	4300
928601153001	Switch Start MH Std 360W/640 Mog ED37 CO	34200	120	387	398	65	20000	210	400	95	4000
928601153501	Switch Start MH Std 175W/535 Med PAR38 55D CL	11000	132	399	403	55	7500	190	400	63	3700
928601158701	Switch Start MH Std 175W/540 Mog ED28 CL	14700	132	0.370	0.390	55	7500	210	400	84	4300
928601158801	Switch Start MH Std 250W/540 Mog ED28 CL	20000	133	0.370	0.390	55	7500	210	400	85	4300
928601158901	Switch Start MH Std 400W/540 Mog ED37 CL	36000	135	0.370	0.390	55	15000	210	400	90	4300
928601159002	Switch Start MH Std 1000W Mog BT56 CL Basic	110000	263	0.370	0.390	60	9000	210	430	110	4300
928601159101	Switch Start MH Std 1250W CL HOR 1SL	148000	263	0.395	0.386	65	6000	250	430	118	3900
928601161201	Switch Start MH Std 175W Mog ED28 TG	14700	132	375	400	58	10000	210	400	84	4000

Order code	Full product name	Initial Lumens	Lamp Voltage	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	RatedAvgLife(See Family Notes)	Cap-Base Temperature	Bulb Temperature	Luminous Efficacy Lamp	Color Temperature
928601161301	Switch Start MH Std 250W Mog ED28 TG	21250	133	0.385	0.395	55	10000	210	400	85	4000
928601161401	Switch Start MH Std 400W Mog ED37 TG	37000	135	0.385	0.395	56	20000	210	400	92.5	4000
928601163701	Switch Start MH Std 360W Mog ED37 CL TG	36000	120	365	397	60	20000	210	400	100	4300

## Compare table

Order code	Full product name	Design Mean Lumens	Mercury (Hg) Content	Energy Saving	Order code	Full product name	Design Mean Lumens	Mercury (Hg) Content	Energy Saving
928601119402	Switch Start MH Std 1500W Mog BT56 CL	124000	203.9	Not Applicable	928601150802	Switch Start MH Std 250W/ 640 Mog ED28 CL	13500	36	Not Applicable
928601122101	Switch Start MH Std 150W/ 635 Med BD17 CL	8500	-	-	928601150805	Switch Start MH Std 250W/ 640 Mog ED28 CL	13500	36	Not Applicable
928601122201	Switch Start MH Std 150W/ 635 Med BD17 CO	7900	-	-	928601150901	Switch Start MH Std 250W/ 735 Mog ED28 CO	12500	36	Not Applicable
928601122301	Switch Start MH Std 175W/ 640 Med BD17 CL	9100	28	Not Applicable	928601151001	Switch Start MH Std 250W/ 730 Mog ED28 CO	11300	36	Not Applicable
928601122305	Switch Start MH Std 175W/ 640 Med BD17 CL	9100	28	Not Applicable	928601151401	Switch Start MH Std 400W/ 540 Mog ED37 CL	24000	52	Not Applicable
928601122401	Switch Start MH Std 175W/ 640 Med BD17 CO	8380	28	Not Applicable	928601151406	Switch Start MH Std 400W/ 540 Mog ED37 CL	24000	52	Not Applicable
928601124202	Switch Start MH Std 400W/ 640 Mog ED28 CL	24000	52	Not Applicable	928601151501	Switch Start MH Std 400W/ 640 Mog ED37 CO	22300	52	Not Applicable
928601124206	Switch Start MH Std 400W/ 640 Mog ED28 CL	24000	52	Not Applicable	928601151601	Switch Start MH Std 400W/ 640 E40/41 ED37 CL	24000	52	Not Applicable
928601124901	Switch Start MH Std 400W/ 640 Mog ED28 CL	26000	60	Not Applicable	928601151701	Switch Start MH Std 400W/ 635 Mog ED37 CO	22360	52	Not Applicable
928601126207	Switch Start MH Std 1000W Mog BT56 CL	71000	150.1	Not Applicable	928601151801	Switch Start MH Std 400W/ 640 Mog ED37 CL	26500	60	Not Applicable
928601126302	Switch Start MH Std 1000W CO U	65800	150.1	Not Applicable	928601151901	Switch Start MH Std 400W/ 640 Mog ED37 CO	27440	60	Not Applicable
928601126401	Switch Start MH Std 1000W/ 635 Mog BT37 CL	71500	150.6	Not Applicable	928601152901	Switch Start MH Std 360W/ 645 Mog ED37 CL	24500	60	Energy Saving
928601126702	Switch Start MH Std 1000W WH Mog BT56	78000	210.2	Not Applicable	928601153001	Switch Start MH Std 360W/ 640 Mog ED37 CO	22600	60	Energy Saving
928601126802	Switch Start MH Std 1000W Mog BT56 CO	72500	210.2	Not Applicable	928601153501	Switch Start MH Std 175W/ 535 Med PAR38 55D CL	10000	-	-
928601131201	Switch Start MH Std 1000W E40/41 U	71000	150.1	-	928601158701	Switch Start MH Std 175W/ 540 Mog ED28 CL	-	28.4	-
928601150201	Switch Start MH Std 175W/ 640 Mog ED28 CL	9400	31.6	Not Applicable	928601158801	Switch Start MH Std 250W/ 540 Mog ED28 CL	15400	32 (nom), 32.5 (max)	-
928601150301	Switch Start MH Std 175W U 1SL	8775	28	Not Applicable	928601158901	Switch Start MH Std 400W/ 540 Mog ED37 CL	-	50	-
928601150305	Switch Start MH Std 175W/ 640 Mog ED28 CL	8775	28	Not Applicable	928601159002	Switch Start MH Std 1000W Mog BT56 CL Basic	-	165	-
928601150401	Switch Start MH Std 175W/ 640 Mog ED28 CO	8200	28	Not Applicable	928601159101	Switch Start MH Std 1250W CL HOR 1SL	142400	160	-
928601150501	Switch Start MH Std 175W/ 630 Mog ED28 CO	7560	26.9	Not Applicable	928601161201	Switch Start MH Std 175W Mog ED28 TG	-	28	Not Applicable
928601150801	Switch Start MH Std 250W/ 640 Mog ED28 CL U 1SL	13500	36	Not Applicable	928601161301	Switch Start MH Std 250W Mog ED28 TG	13500	36	Not Applicable

Order code	Full product name	Design Mean Lumens	Mercury (Hg) Content	Energy Saving
928601161401	Switch Start MH Std 400W Mog ED37 TG	24000	52	Not Applicable
928601163701	Switch Start MH Std 360W Mog ED37 CL TG	24500	60	Energy Saving



© 2010 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2010, November 3  
data subject to change