



Tulip L

RECESSED | NON-DALI SERIES

A highly elegant, compact track spotlight. The radiator is encased in the aluminum housing, allowing for a smooth design. Tulip L range includes several special color temperatures for food, art and fashion. Especially suitable for commercial spaces and showrooms that require a sleek, minimalistic luminaire.

PI-LED - Combines variable white light and light of the RGB color system in one single light source. It can vary the color temperature between 1800K - 16000K along Planckian curve in the course of a day.

The modern touch is given by the aluminum housing and three color options: signal white, jet black and white aluminum.

Available in two series, with different add-ons and controls:

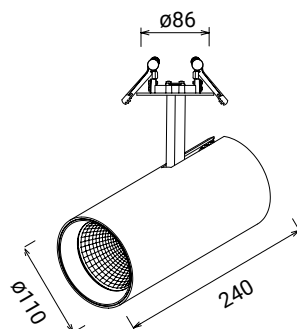
- Tulip L Non-DALI – the standard for any project in the retail sector
- Tulip L DALI – with DALI controls for illumination adjustments
- Tulip L PI-LED – simulates the spectral quality of natural daylight over the entire day.

APPLICATION

High End Grocery & Supermarkets | Fashion Retailers | Hospitality | Art & Exhibitions

FEATURES & BENEFITS

- CRI > 80 as standard, up to 98 for certain special colors
- 16 color temperatures, including special color temperatures for different applications such as food, art, AGI light, hospitality light (AMB2200) and entertainment (ENT5600)
- Great variety of optics – 4 angles, from narrow beams to flood beams, for each housing size
- Efficiency: 109 lm/W @4000K
- Very long service life: 50.000 h at 90% luminous flux
- Dimmable (only for DALI Series and PI-LED Series)



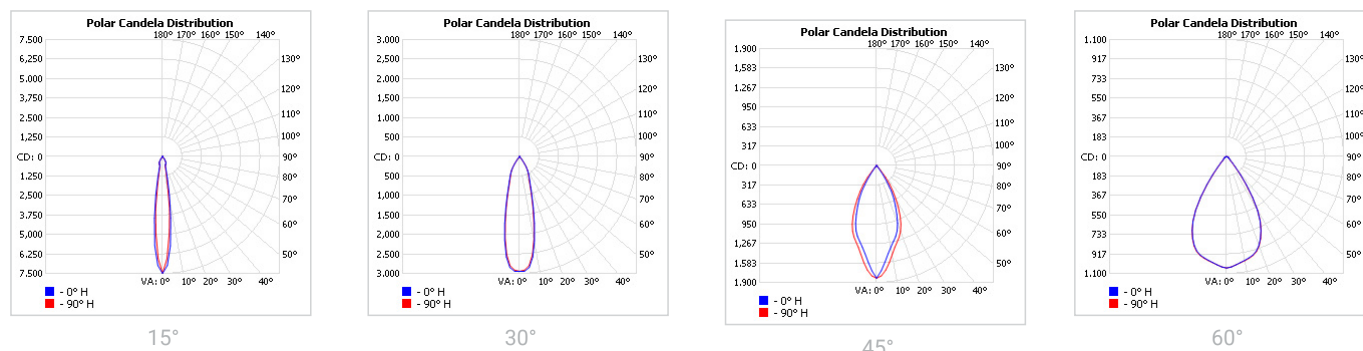
SPECIFICATIONS

Power consumption	14W, 16W, 20W, 21W, 27W, 32W, 35W
Dimensions	Ø110x240x290mm±1mm
Weight	1.7 kg
Housing materials	Aluminium, glass
IK code	IK02
THD (at 230V, 50Hz, Full load)	< 8%
Protection class	Safety class 1
Operating temperature [°C]	-20°C ... +45°C / -4F ... +113F
Operating humidity [%]	10 ÷ 85
Power factor	≥0.95
AC Input [Vac]	220 - 240 VAC
Lens angle [°]	15°, 30°, 45°, 60°
Lifespan [h]	50.000
Housing color	○ RAL 9003 - Signal white, ● RAL 9005 - Jet Black, ● RAL 9006 - White Aluminium
Lumen maintenance	L90/B10@50.000h at 25°C
IP factor	IP20
Control optional	-
Warranty [years]	5
Storage temperature range [°C]	-20°C ... +55°C / -4F ... +131F
Emergency option	-

#	Standard	Food	Fashion	ENT / AGI	ART	AMB
CRI	CRI80	CRI80	CRI95	CRI90 & CRI97 / CRI93	CRI98	CRI80
CCT [K]	2700 / 3000 / 3500 / 4000	BVF / FBS / FZM / FSM / FSH	FAS	5600 / AGI 3000 / 3500 / 4000	3000	2200
MacAdam	3	3 / 4 / 4 / 3 / 3	3	3	2	3

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

LIGHT DISTRIBUTION



TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for Non-DALI | -/+ 10% for Non-DALI & KIT EM | -/+ 10% for DALI | -/+ 15% for DALI & KIT EM

BATTERY WARRANTY

Non-DALI EM & DALI EM: 12 months warranty

Non-DALI & DALI: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Luminaire Power(W)	Control type	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
14-20W	Non-DALI	62	50	31	104	85	52
27-35W	Non-DALI	62	50	31	104	85	52
14W	DALI	44	35	21	73	58	35
20W	DALI	40	32	18	66	53	30
27W-35W	DALI	28	22	13	46	36	21

RISK GROUP

Standard (CRI80)	RG1
FOOD (BVF, FBS, FSM)	RG1
FOOD ≤35W (FZM, FSH)	RG1
FOOD >35W (FZM, FSH)	RG2
FAS	RG1
AMB2200	RG1
ART	RG1
AGI	RG1
CRI90	RG1
CRI95	RG1
ENT	RG1

RG1
 The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

RG2
 The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
1G2068 TulipL RE R34017R/2700/14W/80/A15	Ø110x240x290mm±1mm	2700	1440	14W	103	15°
1G2069 TulipL RE R34017R/3000/14W/80/A15	Ø110x240x290mm±1mm	3000	1455	14W	104	15°
1G2070 TulipL RE R34017R/3500/14W/80/A15	Ø110x240x290mm±1mm	3500	1495	14W	107	15°
1G2071 TulipL RE R34017R/4000/14W/80/A15	Ø110x240x290mm±1mm	4000	1525	14W	109	15°
1G2072 TulipL RE R34017R/2700/14W/80/A30	Ø110x240x290mm±1mm	2700	1440	14W	103	30°
1G2073 TulipL RE R34017R/3000/14W/80/A30	Ø110x240x290mm±1mm	3000	1455	14W	104	30°
1G2074 TulipL RE R34017R/3500/14W/80/A30	Ø110x240x290mm±1mm	3500	1495	14W	107	30°
1G2075 TulipL RE R34017R/4000/14W/80/A30	Ø110x240x290mm±1mm	4000	1525	14W	109	30°
1G2076 TulipL RE R34017R/2700/14W/80/A45	Ø110x240x290mm±1mm	2700	1440	14W	103	45°
1G2077 TulipL RE R34017R/3000/14W/80/A45	Ø110x240x290mm±1mm	3000	1455	14W	104	45°
1G2078 TulipL RE R34017R/3500/14W/80/A45	Ø110x240x290mm±1mm	3500	1495	14W	107	45°
1G2079 TulipL RE R34017R/4000/14W/80/A45	Ø110x240x290mm±1mm	4000	1525	14W	109	45°
1G2080 TulipL RE R34017R/2700/14W/80/A60	Ø110x240x290mm±1mm	2700	1440	14W	103	60°
1G2081 TulipL RE R34017R/3000/14W/80/A60	Ø110x240x290mm±1mm	3000	1455	14W	104	60°
1G2082 TulipL RE R34017R/3500/14W/80/A60	Ø110x240x290mm±1mm	3500	1495	14W	107	60°
1G2083 TulipL RE R34017R/4000/14W/80/A60	Ø110x240x290mm±1mm	4000	1525	14W	109	60°
1G2084 TulipL RE R34017R/2700/20W/80/A15	Ø110x240x290mm±1mm	2700	2010	20W	101	15°
1G2085 TulipL RE R34017R/3000/20W/80/A15	Ø110x240x290mm±1mm	3000	2025	20W	102	15°
1G2086 TulipL RE R34017R/3500/20W/80/A15	Ø110x240x290mm±1mm	3500	2080	20W	104	15°
1G2087 TulipL RE R34017R/4000/20W/80/A15	Ø110x240x290mm±1mm	4000	2120	20W	106	15°
1G2088 TulipL RE R34017R/2700/20W/80/A30	Ø110x240x290mm±1mm	2700	2010	20W	101	30°
1G2089 TulipL RE R34017R/3000/20W/80/A30	Ø110x240x290mm±1mm	3000	2025	20W	102	30°
1G2090 TulipL RE R34017R/3500/20W/80/A30	Ø110x240x290mm±1mm	3500	2080	20W	104	30°
1G2091 TulipL RE R34017R/4000/20W/80/A30	Ø110x240x290mm±1mm	4000	2120	20W	106	30°
1G2092 TulipL RE R34017R/2700/20W/80/A45	Ø110x240x290mm±1mm	2700	2010	20W	101	45°
1G2093 TulipL RE R34017R/3000/20W/80/A45	Ø110x240x290mm±1mm	3000	2025	20W	102	45°
1G2094 TulipL RE R34017R/3500/20W/80/A45	Ø110x240x290mm±1mm	3500	2080	20W	104	45°
1G2095 TulipL RE R34017R/4000/20W/80/A45	Ø110x240x290mm±1mm	4000	2120	20W	106	45°
1G2096 TulipL RE R34017R/2700/20W/80/A60	Ø110x240x290mm±1mm	2700	2010	20W	101	60°
1G2097 TulipL RE R34017R/3000/20W/80/A60	Ø110x240x290mm±1mm	3000	2025	20W	102	60°
1G2098 TulipL RE R34017R/3500/20W/80/A60	Ø110x240x290mm±1mm	3500	2080	20W	104	60°
1G2099 TulipL RE R34017R/4000/20W/80/A60	Ø110x240x290mm±1mm	4000	2120	20W	106	60°
1G2100 TulipL RE R34017R/2700/27W/80/A15	Ø110x240x290mm±1mm	2700	2605	27W	97	15°
1G2101 TulipL RE R34017R/3000/27W/80/A15	Ø110x240x290mm±1mm	3000	2630	27W	98	15°
1G2102 TulipL RE R34017R/3500/27W/80/A15	Ø110x240x290mm±1mm	3500	2700	27W	100	15°
1G2103 TulipL RE R34017R/4000/27W/80/A15	Ø110x240x290mm±1mm	4000	2755	27W	103	15°
1G2104 TulipL RE R34017R/2700/27W/80/A30	Ø110x240x290mm±1mm	2700	2605	27W	97	30°
1G2105 TulipL RE R34017R/3000/27W/80/A30	Ø110x240x290mm±1mm	3000	2630	27W	98	30°
1G2106 TulipL RE R34017R/3500/27W/80/A30	Ø110x240x290mm±1mm	3500	2700	27W	100	30°
1G2107 TulipL RE R34017R/4000/27W/80/A30	Ø110x240x290mm±1mm	4000	2755	27W	103	30°
1G2108 TulipL RE R34017R/2700/27W/80/A45	Ø110x240x290mm±1mm	2700	2605	27W	97	45°
1G2109 TulipL RE R34017R/3000/27W/80/A45	Ø110x240x290mm±1mm	3000	2630	27W	98	45°
1G2110 TulipL RE R34017R/3500/27W/80/A45	Ø110x240x290mm±1mm	3500	2700	27W	100	45°
1G2111 TulipL RE R34017R/4000/27W/80/A45	Ø110x240x290mm±1mm	4000	2755	27W	103	45°
1G2112 TulipL RE R34017R/2700/27W/80/A60	Ø110x240x290mm±1mm	2700	2605	27W	97	60°
1G2113 TulipL RE R34017R/3000/27W/80/A60	Ø110x240x290mm±1mm	3000	2630	27W	98	60°
1G2114 TulipL RE R34017R/3500/27W/80/A60	Ø110x240x290mm±1mm	3500	2700	27W	100	60°
1G2115 TulipL RE R34017R/4000/27W/80/A60	Ø110x240x290mm±1mm	4000	2755	27W	103	60°
1G2116 TulipL RE R34017R/2700/35W/80/A15	Ø110x240x290mm±1mm	2700	3425	35W	98	15°
1G2117 TulipL RE R34017R/3000/35W/80/A15	Ø110x240x290mm±1mm	3000	3455	35W	99	15°

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
1G2118 TulipL RE R34017R/3500/35W/80/A15	Ø110x240x290mm±1mm	3500	3545	35W	102	15°
1G2119 TulipL RE R34017R/4000/35W/80/A15	Ø110x240x290mm±1mm	4000	3620	35W	104	15°
1G2120 TulipL RE R34017R/2700/35W/80/A30	Ø110x240x290mm±1mm	2700	3425	35W	98	30°
1G2121 TulipL RE R34017R/3000/35W/80/A30	Ø110x240x290mm±1mm	3000	3455	35W	99	30°
1G2122 TulipL RE R34017R/3500/35W/80/A30	Ø110x240x290mm±1mm	3500	3545	35W	102	30°
1G2123 TulipL RE R34017R/4000/35W/80/A30	Ø110x240x290mm±1mm	4000	3620	35W	104	30°
1G2124 TulipL RE R34017R/2700/35W/80/A45	Ø110x240x290mm±1mm	2700	3425	35W	98	45°
1G2125 TulipL RE R34017R/3000/35W/80/A45	Ø110x240x290mm±1mm	3000	3455	35W	99	45°
1G2126 TulipL RE R34017R/3500/35W/80/A45	Ø110x240x290mm±1mm	3500	3545	35W	102	45°
1G2127 TulipL RE R34017R/4000/35W/80/A45	Ø110x240x290mm±1mm	4000	3620	35W	104	45°
1G2128 TulipL RE R34017R/2700/35W/80/A60	Ø110x240x290mm±1mm	2700	3425	35W	98	60°
1G2129 TulipL RE R34017R/3000/35W/80/A60	Ø110x240x290mm±1mm	3000	3455	35W	99	60°
1G2130 TulipL RE R34017R/3500/35W/80/A60	Ø110x240x290mm±1mm	3500	3545	35W	102	60°
1G2131 TulipL RE R34017R/4000/35W/80/A60	Ø110x240x290mm±1mm	4000	3620	35W	104	60°
1G2202 TulipL RE R34017R/BVF/14W/80/A15	Ø110x240x290mm±1mm	BVF	1225	14W	88	15°
1G2203 TulipL RE R34017R/FBS/14W/80/A15	Ø110x240x290mm±1mm	FBS	830	14W	60	15°
1G2204 TulipL RE R34017R/FZM/14W/80/A15	Ø110x240x290mm±1mm	FZM	800	14W	58	15°
1G2205 TulipL RE R34017R/FSM/14W/80/A15	Ø110x240x290mm±1mm	FSM	830	14W	60	15°
1G2206 TulipL RE R34017R/FSH/14W/80/A15	Ø110x240x290mm±1mm	FSH	1180	14W	85	15°
1G2207 TulipL RE R34017R/BVF/14W/80/A30	Ø110x240x290mm±1mm	BVF	1225	14W	88	30°
1G2208 TulipL RE R34017R/FBS/14W/80/A30	Ø110x240x290mm±1mm	FBS	830	14W	60	30°
1G2209 TulipL RE R34017R/FZM/14W/80/A30	Ø110x240x290mm±1mm	FZM	800	14W	58	30°
1G2210 TulipL RE R34017R/FSM/14W/80/A30	Ø110x240x290mm±1mm	FSM	830	14W	60	30°
1G2211 TulipL RE R34017R/FSH/14W/80/A30	Ø110x240x290mm±1mm	FSH	1180	14W	85	30°
1G2212 TulipL RE R34017R/BVF/14W/80/A45	Ø110x240x290mm±1mm	BVF	1225	14W	88	45°
1G2213 TulipL RE R34017R/FBS/14W/80/A45	Ø110x240x290mm±1mm	FBS	830	14W	60	45°
1G2214 TulipL RE R34017R/FZM/14W/80/A45	Ø110x240x290mm±1mm	FZM	800	14W	58	45°
1G2215 TulipL RE R34017R/FSM/14W/80/A45	Ø110x240x290mm±1mm	FSM	830	14W	60	45°
1G2216 TulipL RE R34017R/FSH/14W/80/A45	Ø110x240x290mm±1mm	FSH	1180	14W	85	45°
1G2217 TulipL RE R34017R/BVF/14W/80/A60	Ø110x240x290mm±1mm	BVF	1225	14W	88	60°
1G2218 TulipL RE R34017R/FBS/14W/80/A60	Ø110x240x290mm±1mm	FBS	830	14W	60	60°
1G2219 TulipL RE R34017R/FZM/14W/80/A60	Ø110x240x290mm±1mm	FZM	800	14W	58	60°
1G2220 TulipL RE R34017R/FSM/14W/80/A60	Ø110x240x290mm±1mm	FSM	830	14W	60	60°
1G2221 TulipL RE R34017R/FSH/14W/80/A60	Ø110x240x290mm±1mm	FSH	1180	14W	85	60°
1G2222 TulipL RE R34017R/BVF/20W/80/A15	Ø110x240x290mm±1mm	BVF	1675	20W	84	15°
1G2223 TulipL RE R34017R/FBS/20W/80/A15	Ø110x240x290mm±1mm	FBS	1155	20W	58	15°
1G2224 TulipL RE R34017R/FZM/20W/80/A15	Ø110x240x290mm±1mm	FZM	1105	20W	56	15°
1G2225 TulipL RE R34017R/FSM/20W/80/A15	Ø110x240x290mm±1mm	FSM	1130	20W	57	15°
1G2226 TulipL RE R34017R/FSH/20W/80/A15	Ø110x240x290mm±1mm	FSH	1640	20W	82	15°
1G2227 TulipL RE R34017R/BVF/20W/80/A30	Ø110x240x290mm±1mm	BVF	1675	20W	84	30°
1G2228 TulipL RE R34017R/FBS/20W/80/A30	Ø110x240x290mm±1mm	FBS	1155	20W	58	30°
1G2229 TulipL RE R34017R/FZM/20W/80/A30	Ø110x240x290mm±1mm	FZM	1105	20W	56	30°
1G2230 TulipL RE R34017R/FSM/20W/80/A30	Ø110x240x290mm±1mm	FSM	1130	20W	57	30°
1G2231 TulipL RE R34017R/FSH/20W/80/A30	Ø110x240x290mm±1mm	FSH	1640	20W	82	30°
1G2232 TulipL RE R34017R/BVF/20W/80/A45	Ø110x240x290mm±1mm	BVF	1675	20W	84	45°
1G2233 TulipL RE R34017R/FBS/20W/80/A45	Ø110x240x290mm±1mm	FBS	1155	20W	58	45°
1G2234 TulipL RE R34017R/FZM/20W/80/A45	Ø110x240x290mm±1mm	FZM	1105	20W	56	45°
1G2235 TulipL RE R34017R/FSM/20W/80/A45	Ø110x240x290mm±1mm	FSM	1130	20W	57	45°
1G2236 TulipL RE R34017R/FSH/20W/80/A45	Ø110x240x290mm±1mm	FSH	1640	20W	82	45°
1G2237 TulipL RE R34017R/BVF/20W/80/A60	Ø110x240x290mm±1mm	BVF	1675	20W	84	60°

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
1G2238 TulipL RE R34017R/FBS/20W/80/A60	Ø110x240x290mm±1mm	FBS	1155	20W	58	60°
1G2239 TulipL RE R34017R/FZM/20W/80/A60	Ø110x240x290mm±1mm	FZM	1105	20W	56	60°
1G2240 TulipL RE R34017R/FSM/20W/80/A60	Ø110x240x290mm±1mm	FSM	1130	20W	57	60°
1G2241 TulipL RE R34017R/FSH/20W/80/A60	Ø110x240x290mm±1mm	FSH	1640	20W	82	60°
1G2242 TulipL RE R34017R/BVF/27W/80/A15	Ø110x240x290mm±1mm	BVF	2220	27W	83	15°
1G2243 TulipL RE R34017R/FBS/27W/80/A15	Ø110x240x290mm±1mm	FBS	1515	27W	57	15°
1G2244 TulipL RE R34017R/FZM/27W/80/A15	Ø110x240x290mm±1mm	FZM	1455	27W	54	15°
1G2245 TulipL RE R34017R/FSM/27W/80/A15	Ø110x240x290mm±1mm	FSM	1480	27W	55	15°
1G2246 TulipL RE R34017R/FSH/27W/80/A15	Ø110x240x290mm±1mm	FSH	2170	27W	81	15°
1G2247 TulipL RE R34017R/BVF/27W/80/A30	Ø110x240x290mm±1mm	BVF	2220	27W	83	30°
1G2248 TulipL RE R34017R/FBS/27W/80/A30	Ø110x240x290mm±1mm	FBS	1515	27W	57	30°
1G2249 TulipL RE R34017R/FZM/27W/80/A30	Ø110x240x290mm±1mm	FZM	1455	27W	54	30°
1G2250 TulipL RE R34017R/FSM/27W/80/A30	Ø110x240x290mm±1mm	FSM	1480	27W	55	30°
1G2251 TulipL RE R34017R/FSH/27W/80/A30	Ø110x240x290mm±1mm	FSH	2170	27W	81	30°
1G2252 TulipL RE R34017R/BVF/27W/80/A45	Ø110x240x290mm±1mm	BVF	2220	27W	83	45°
1G2253 TulipL RE R34017R/FBS/27W/80/A45	Ø110x240x290mm±1mm	FBS	1515	27W	57	45°
1G2254 TulipL RE R34017R/FZM/27W/80/A45	Ø110x240x290mm±1mm	FZM	1455	27W	54	45°
1G2255 TulipL RE R34017R/FSM/27W/80/A45	Ø110x240x290mm±1mm	FSM	1480	27W	55	45°
1G2256 TulipL RE R34017R/FSH/27W/80/A45	Ø110x240x290mm±1mm	FSH	2170	27W	81	45°
1G2257 TulipL RE R34017R/BVF/27W/80/A60	Ø110x240x290mm±1mm	BVF	2220	27W	83	60°
1G2258 TulipL RE R34017R/FBS/27W/80/A60	Ø110x240x290mm±1mm	FBS	1515	27W	57	60°
1G2259 TulipL RE R34017R/FZM/27W/80/A60	Ø110x240x290mm±1mm	FZM	1455	27W	54	60°
1G2260 TulipL RE R34017R/FSM/27W/80/A60	Ø110x240x290mm±1mm	FSM	1480	27W	55	60°
1G2261 TulipL RE R34017R/FSH/27W/80/A60	Ø110x240x290mm±1mm	FSH	2170	27W	81	60°
1G2262 TulipL RE R34017R/BVF/35W/80/A15	Ø110x240x290mm±1mm	BVF	3015	35W	87	15°
1G2263 TulipL RE R34017R/FBS/35W/80/A15	Ø110x240x290mm±1mm	FBS	2000	35W	58	15°
1G2264 TulipL RE R34017R/FZM/35W/80/A15	Ø110x240x290mm±1mm	FZM	2035	35W	59	15°
1G2265 TulipL RE R34017R/FSM/35W/80/A15	Ø110x240x290mm±1mm	FSM	2005	35W	58	15°
1G2266 TulipL RE R34017R/FSH/35W/80/A15	Ø110x240x290mm±1mm	FSH	3045	35W	87	15°
1G2267 TulipL RE R34017R/BVF/35W/80/A30	Ø110x240x290mm±1mm	BVF	3015	35W	87	30°
1G2268 TulipL RE R34017R/FBS/35W/80/A30	Ø110x240x290mm±1mm	FBS	2000	35W	58	30°
1G2269 TulipL RE R34017R/FZM/35W/80/A30	Ø110x240x290mm±1mm	FZM	2035	35W	59	30°
1G2270 TulipL RE R34017R/FSM/35W/80/A30	Ø110x240x290mm±1mm	FSM	2005	35W	58	30°
1G2271 TulipL RE R34017R/FSH/35W/80/A30	Ø110x240x290mm±1mm	FSH	3045	35W	87	30°
1G2272 TulipL RE R34017R/BVF/35W/80/A45	Ø110x240x290mm±1mm	BVF	3015	35W	87	45°
1G2273 TulipL RE R34017R/FBS/35W/80/A45	Ø110x240x290mm±1mm	FBS	2000	35W	58	45°
1G2274 TulipL RE R34017R/FZM/35W/80/A45	Ø110x240x290mm±1mm	FZM	2035	35W	59	45°
1G2275 TulipL RE R34017R/FSM/35W/80/A45	Ø110x240x290mm±1mm	FSM	2005	35W	58	45°
1G2276 TulipL RE R34017R/FSH/35W/80/A45	Ø110x240x290mm±1mm	FSH	3045	35W	87	45°
1G2277 TulipL RE R34017R/BVF/35W/80/A60	Ø110x240x290mm±1mm	BVF	3015	35W	87	60°
1G2278 TulipL RE R34017R/FBS/35W/80/A60	Ø110x240x290mm±1mm	FBS	2000	35W	58	60°
1G2279 TulipL RE R34017R/FZM/35W/80/A60	Ø110x240x290mm±1mm	FZM	2035	35W	59	60°
1G2280 TulipL RE R34017R/FSM/35W/80/A60	Ø110x240x290mm±1mm	FSM	2005	35W	58	60°
1G2281 TulipL RE R34017R/FSH/35W/80/A60	Ø110x240x290mm±1mm	FSH	3045	35W	87	60°
1G2299 TulipL RE R34017R/AMB2200/14W/80/A15	Ø110x240x290mm±1mm	AMB2200	1020	14W	73	15°
1G2300 TulipL RE R34017R/AMB2200/14W/80/A30	Ø110x240x290mm±1mm	AMB2200	1020	14W	73	30°
1G2301 TulipL RE R34017R/AMB2200/14W/80/A45	Ø110x240x290mm±1mm	AMB2200	1020	14W	73	45°
1G2302 TulipL RE R34017R/AMB2200/14W/80/A60	Ø110x240x290mm±1mm	AMB2200	1020	14W	73	60°
1G2303 TulipL RE R34017R/AMB2200/20W/80/A15	Ø110x240x290mm±1mm	AMB2200	1410	20W	71	15°
1G2304 TulipL RE R34017R/AMB2200/20W/80/A30	Ø110x240x290mm±1mm	AMB2200	1410	20W	71	30°

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
1G2305 TulipL RE R34017R/AMB2200/20W/80/A45	Ø110x240x290mm±1mm	AMB2200	1410	20W	71	45°
1G2306 TulipL RE R34017R/AMB2200/20W/80/A60	Ø110x240x290mm±1mm	AMB2200	1410	20W	71	60°
1G2307 TulipL RE R34017R/AMB2200/27W/80/A15	Ø110x240x290mm±1mm	AMB2200	1870	27W	70	15°
1G2308 TulipL RE R34017R/AMB2200/27W/80/A30	Ø110x240x290mm±1mm	AMB2200	1870	27W	70	30°
1G2309 TulipL RE R34017R/AMB2200/27W/80/A45	Ø110x240x290mm±1mm	AMB2200	1870	27W	70	45°
1G2310 TulipL RE R34017R/AMB2200/27W/80/A60	Ø110x240x290mm±1mm	AMB2200	1870	27W	70	60°
1G2311 TulipL RE R34017R/AMB2200/35W/80/A15	Ø110x240x290mm±1mm	AMB2200	2585	35W	74	15°
1G2312 TulipL RE R34017R/AMB2200/35W/80/A30	Ø110x240x290mm±1mm	AMB2200	2585	35W	74	30°
1G2313 TulipL RE R34017R/AMB2200/35W/80/A45	Ø110x240x290mm±1mm	AMB2200	2585	35W	74	45°
1G2314 TulipL RE R34017R/AMB2200/35W/80/A60	Ø110x240x290mm±1mm	AMB2200	2585	35W	74	60°
CRI 90						
1G2471 TulipL RE R34017R/ENT5600/16W/90/A15	Ø110x240x290mm±1mm	ENT5600	1555	16W	98	15°
1G2472 TulipL RE R34017R/ENT5600/16W/90/A30	Ø110x240x290mm±1mm	ENT5600	1555	16W	98	30°
1G2473 TulipL RE R34017R/ENT5600/16W/90/A45	Ø110x240x290mm±1mm	ENT5600	1555	16W	98	45°
1G2474 TulipL RE R34017R/ENT5600/16W/90/A60	Ø110x240x290mm±1mm	ENT5600	1555	16W	98	60°
1G2475 TulipL RE R34017R/ENT5600/21W/90/A15	Ø110x240x290mm±1mm	ENT5600	2030	21W	97	15°
1G2476 TulipL RE R34017R/ENT5600/21W/90/A30	Ø110x240x290mm±1mm	ENT5600	2030	21W	97	30°
1G2477 TulipL RE R34017R/ENT5600/21W/90/A45	Ø110x240x290mm±1mm	ENT5600	2030	21W	97	45°
1G2478 TulipL RE R34017R/ENT5600/21W/90/A60	Ø110x240x290mm±1mm	ENT5600	2030	21W	97	60°
1G2479 TulipL RE R34017R/ENT5600/27W/90/A15	Ø110x240x290mm±1mm	ENT5600	2575	27W	96	15°
1G2480 TulipL RE R34017R/ENT5600/27W/90/A30	Ø110x240x290mm±1mm	ENT5600	2575	27W	96	30°
1G2481 TulipL RE R34017R/ENT5600/27W/90/A45	Ø110x240x290mm±1mm	ENT5600	2575	27W	96	45°
1G2482 TulipL RE R34017R/ENT5600/27W/90/A60	Ø110x240x290mm±1mm	ENT5600	2575	27W	96	60°
1G2483 TulipL RE R34017R/ENT5600/32W/90/A15	Ø110x240x290mm±1mm	ENT5600	3005	32W	94	15°
1G2484 TulipL RE R34017R/ENT5600/32W/90/A30	Ø110x240x290mm±1mm	ENT5600	3005	32W	94	30°
1G2485 TulipL RE R34017R/ENT5600/32W/90/A45	Ø110x240x290mm±1mm	ENT5600	3005	32W	94	45°
1G2486 TulipL RE R34017R/ENT5600/32W/90/A60	Ø110x240x290mm±1mm	ENT5600	3005	32W	94	60°
CRI 93						
1G2366 TulipL RE R34017R/AGI3000/14W/93/A15	Ø110x240x290mm±1mm	AGI3000	845	14W	61	15°
1G2367 TulipL RE R34017R/AGI3500/14W/93/A15	Ø110x240x290mm±1mm	AGI3500	900	14W	65	15°
1G2368 TulipL RE R34017R/AGI4000/14W/93/A15	Ø110x240x290mm±1mm	AGI4000	955	14W	69	15°
1G2369 TulipL RE R34017R/AGI3000/14W/93/A30	Ø110x240x290mm±1mm	AGI3000	845	14W	61	30°
1G2370 TulipL RE R34017R/AGI3500/14W/93/A30	Ø110x240x290mm±1mm	AGI3500	900	14W	65	30°
1G2371 TulipL RE R34017R/AGI4000/14W/93/A30	Ø110x240x290mm±1mm	AGI4000	955	14W	69	30°
1G2372 TulipL RE R34017R/AGI3000/14W/93/A45	Ø110x240x290mm±1mm	AGI3000	845	14W	61	45°
1G2373 TulipL RE R34017R/AGI3500/14W/93/A45	Ø110x240x290mm±1mm	AGI3500	900	14W	65	45°
1G2374 TulipL RE R34017R/AGI4000/14W/93/A45	Ø110x240x290mm±1mm	AGI4000	955	14W	69	45°
1G2375 TulipL RE R34017R/AGI3000/14W/93/A60	Ø110x240x290mm±1mm	AGI3000	845	14W	61	60°
1G2376 TulipL RE R34017R/AGI3500/14W/93/A60	Ø110x240x290mm±1mm	AGI3500	900	14W	65	60°
1G2377 TulipL RE R34017R/AGI4000/14W/93/A60	Ø110x240x290mm±1mm	AGI4000	955	14W	69	60°
1G2378 TulipL RE R34017R/AGI3000/20W/93/A15	Ø110x240x290mm±1mm	AGI3000	1200	20W	60	15°
1G2379 TulipL RE R34017R/AGI3500/20W/93/A15	Ø110x240x290mm±1mm	AGI3500	1275	20W	64	15°
1G2380 TulipL RE R34017R/AGI4000/20W/93/A15	Ø110x240x290mm±1mm	AGI4000	1355	20W	68	15°
1G2381 TulipL RE R34017R/AGI3000/20W/93/A30	Ø110x240x290mm±1mm	AGI3000	1200	20W	60	30°
1G2382 TulipL RE R34017R/AGI3500/20W/93/A30	Ø110x240x290mm±1mm	AGI3500	1275	20W	64	30°
1G2383 TulipL RE R34017R/AGI4000/20W/93/A30	Ø110x240x290mm±1mm	AGI4000	1355	20W	68	30°
1G2384 TulipL RE R34017R/AGI3000/20W/93/A45	Ø110x240x290mm±1mm	AGI3000	1200	20W	60	45°
1G2385 TulipL RE R34017R/AGI3500/20W/93/A45	Ø110x240x290mm±1mm	AGI3500	1275	20W	64	45°

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 93						
1G2386 TulipL RE R34017R/AGI4000/20W/93/A45	Ø110x240x290mm±1mm	AGI4000	1355	20W	68	45°
1G2387 TulipL RE R34017R/AGI3000/20W/93/A60	Ø110x240x290mm±1mm	AGI3000	1200	20W	60	60°
1G2388 TulipL RE R34017R/AGI3500/20W/93/A60	Ø110x240x290mm±1mm	AGI3500	1275	20W	64	60°
1G2389 TulipL RE R34017R/AGI4000/20W/93/A60	Ø110x240x290mm±1mm	AGI4000	1355	20W	68	60°
1G2390 TulipL RE R34017R/AGI3000/27W/93/A15	Ø110x240x290mm±1mm	AGI3000	1505	27W	56	15°
1G2391 TulipL RE R34017R/AGI3500/27W/93/A15	Ø110x240x290mm±1mm	AGI3500	1595	27W	60	15°
1G2392 TulipL RE R34017R/AGI4000/27W/93/A15	Ø110x240x290mm±1mm	AGI4000	1700	27W	63	15°
1G2393 TulipL RE R34017R/AGI3000/27W/93/A30	Ø110x240x290mm±1mm	AGI3000	1505	27W	56	30°
1G2394 TulipL RE R34017R/AGI3500/27W/93/A30	Ø110x240x290mm±1mm	AGI3500	1595	27W	60	30°
1G2395 TulipL RE R34017R/AGI4000/27W/93/A30	Ø110x240x290mm±1mm	AGI4000	1700	27W	63	30°
1G2396 TulipL RE R34017R/AGI3000/27W/93/A45	Ø110x240x290mm±1mm	AGI3000	1505	27W	56	45°
1G2397 TulipL RE R34017R/AGI3500/27W/93/A45	Ø110x240x290mm±1mm	AGI3500	1595	27W	60	45°
1G2398 TulipL RE R34017R/AGI4000/27W/93/A45	Ø110x240x290mm±1mm	AGI4000	1700	27W	63	45°
1G2399 TulipL RE R34017R/AGI3000/27W/93/A60	Ø110x240x290mm±1mm	AGI3000	1505	27W	56	60°
1G2400 TulipL RE R34017R/AGI3500/27W/93/A60	Ø110x240x290mm±1mm	AGI3500	1595	27W	60	60°
1G2401 TulipL RE R34017R/AGI4000/27W/93/A60	Ø110x240x290mm±1mm	AGI4000	1700	27W	63	60°
1G2402 TulipL RE R34017R/AGI3000/35W/93/A15	Ø110x240x290mm±1mm	AGI3000	1865	35W	54	15°
1G2403 TulipL RE R34017R/AGI3500/35W/93/A15	Ø110x240x290mm±1mm	AGI3500	1980	35W	57	15°
1G2404 TulipL RE R34017R/AGI4000/35W/93/A15	Ø110x240x290mm±1mm	AGI4000	2105	35W	61	15°
1G2405 TulipL RE R34017R/AGI3000/35W/93/A30	Ø110x240x290mm±1mm	AGI3000	1865	35W	54	30°
1G2406 TulipL RE R34017R/AGI3500/35W/93/A30	Ø110x240x290mm±1mm	AGI3500	1980	35W	57	30°
1G2407 TulipL RE R34017R/AGI4000/35W/93/A30	Ø110x240x290mm±1mm	AGI4000	2105	35W	61	30°
1G2408 TulipL RE R34017R/AGI3000/35W/93/A45	Ø110x240x290mm±1mm	AGI3000	1865	35W	54	45°
1G2409 TulipL RE R34017R/AGI3500/35W/93/A45	Ø110x240x290mm±1mm	AGI3500	1980	35W	57	45°
1G2410 TulipL RE R34017R/AGI4000/35W/93/A45	Ø110x240x290mm±1mm	AGI4000	2105	35W	61	45°
1G2411 TulipL RE R34017R/AGI3000/35W/93/A60	Ø110x240x290mm±1mm	AGI3000	1865	35W	54	60°
1G2412 TulipL RE R34017R/AGI3500/35W/93/A60	Ø110x240x290mm±1mm	AGI3500	1980	35W	57	60°
1G2413 TulipL RE R34017R/AGI4000/35W/93/A60	Ø110x240x290mm±1mm	AGI4000	2105	35W	61	60°
CRI 95						
1G2431 TulipL RE R34017R/FAS/14W/95/A15	Ø110x240x290mm±1mm	FAS	1165	14W	84	15°
1G2432 TulipL RE R34017R/FAS/14W/95/A30	Ø110x240x290mm±1mm	FAS	1165	14W	84	30°
1G2433 TulipL RE R34017R/FAS/14W/95/A45	Ø110x240x290mm±1mm	FAS	1165	14W	84	45°
1G2434 TulipL RE R34017R/FAS/14W/95/A60	Ø110x240x290mm±1mm	FAS	1165	14W	84	60°
1G2435 TulipL RE R34017R/FAS/20W/95/A15	Ø110x240x290mm±1mm	FAS	1610	20W	81	15°
1G2436 TulipL RE R34017R/FAS/20W/95/A30	Ø110x240x290mm±1mm	FAS	1610	20W	81	30°
1G2437 TulipL RE R34017R/FAS/20W/95/A45	Ø110x240x290mm±1mm	FAS	1610	20W	81	45°
1G2438 TulipL RE R34017R/FAS/20W/95/A60	Ø110x240x290mm±1mm	FAS	1610	20W	81	60°
1G2439 TulipL RE R34017R/FAS/27W/95/A15	Ø110x240x290mm±1mm	FAS	2120	27W	79	15°
1G2440 TulipL RE R34017R/FAS/27W/95/A30	Ø110x240x290mm±1mm	FAS	2120	27W	79	30°
1G2441 TulipL RE R34017R/FAS/27W/95/A45	Ø110x240x290mm±1mm	FAS	2120	27W	79	45°
1G2442 TulipL RE R34017R/FAS/27W/95/A60	Ø110x240x290mm±1mm	FAS	2120	27W	79	60°
1G2443 TulipL RE R34017R/FAS/35W/95/A15	Ø110x240x290mm±1mm	FAS	2875	35W	83	15°
1G2444 TulipL RE R34017R/FAS/35W/95/A30	Ø110x240x290mm±1mm	FAS	2875	35W	83	30°
1G2445 TulipL RE R34017R/FAS/35W/95/A45	Ø110x240x290mm±1mm	FAS	2875	35W	83	45°
1G2446 TulipL RE R34017R/FAS/35W/95/A60	Ø110x240x290mm±1mm	FAS	2875	35W	83	60°
CRI 97						
1G2487 TulipL RE R34017R/ENT5600/16W/97/A15	Ø110x240x290mm±1mm	ENT5600	1385	16W	87	15°
1G2488 TulipL RE R34017R/ENT5600/16W/97/A30	Ø110x240x290mm±1mm	ENT5600	1385	16W	87	30°

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 97						
1G2489 TulipL RE R34017R/ENT5600/16W/97/A45	Ø110x240x290mm±1mm	ENT5600	1385	16W	87	45°
1G2490 TulipL RE R34017R/ENT5600/16W/97/A60	Ø110x240x290mm±1mm	ENT5600	1385	16W	87	60°
1G2491 TulipL RE R34017R/ENT5600/21W/97/A15	Ø110x240x290mm±1mm	ENT5600	1825	21W	87	15°
1G2492 TulipL RE R34017R/ENT5600/21W/97/A30	Ø110x240x290mm±1mm	ENT5600	1825	21W	87	30°
1G2493 TulipL RE R34017R/ENT5600/21W/97/A45	Ø110x240x290mm±1mm	ENT5600	1825	21W	87	45°
1G2494 TulipL RE R34017R/ENT5600/21W/97/A60	Ø110x240x290mm±1mm	ENT5600	1825	21W	87	60°
1G2495 TulipL RE R34017R/ENT5600/27W/97/A15	Ø110x240x290mm±1mm	ENT5600	2310	27W	86	15°
1G2496 TulipL RE R34017R/ENT5600/27W/97/A30	Ø110x240x290mm±1mm	ENT5600	2310	27W	86	30°
1G2497 TulipL RE R34017R/ENT5600/27W/97/A45	Ø110x240x290mm±1mm	ENT5600	2310	27W	86	45°
1G2498 TulipL RE R34017R/ENT5600/27W/97/A60	Ø110x240x290mm±1mm	ENT5600	2310	27W	86	60°
1G2499 TulipL RE R34017R/ENT5600/32W/97/A15	Ø110x240x290mm±1mm	ENT5600	2670	32W	84	15°
1G2500 TulipL RE R34017R/ENT5600/32W/97/A30	Ø110x240x290mm±1mm	ENT5600	2670	32W	84	30°
1G2501 TulipL RE R34017R/ENT5600/32W/97/A45	Ø110x240x290mm±1mm	ENT5600	2670	32W	84	45°
1G2502 TulipL RE R34017R/ENT5600/32W/97/A60	Ø110x240x290mm±1mm	ENT5600	2670	32W	84	60°
CRI 98						
1G2141 TulipL RE R34017R/ART3000/14W/98/A15	Ø110x240x290mm±1mm	ART3000	1160	14W	83	15°
1G2142 TulipL RE R34017R/ART3000/14W/98/A30	Ø110x240x290mm±1mm	ART3000	1160	14W	83	30°
1G2143 TulipL RE R34017R/ART3000/14W/98/A45	Ø110x240x290mm±1mm	ART3000	1160	14W	83	45°
1G2144 TulipL RE R34017R/ART3000/14W/98/A60	Ø110x240x290mm±1mm	ART3000	1160	14W	83	60°
1G2145 TulipL RE R34017R/ART3000/20W/98/A15	Ø110x240x290mm±1mm	ART3000	1600	20W	80	15°
1G2146 TulipL RE R34017R/ART3000/20W/98/A30	Ø110x240x290mm±1mm	ART3000	1600	20W	80	30°
1G2147 TulipL RE R34017R/ART3000/20W/98/A45	Ø110x240x290mm±1mm	ART3000	1600	20W	80	45°
1G2148 TulipL RE R34017R/ART3000/20W/98/A60	Ø110x240x290mm±1mm	ART3000	1600	20W	80	60°
1G2149 TulipL RE R34017R/ART3000/27W/98/A15	Ø110x240x290mm±1mm	ART3000	2095	27W	78	15°
1G2150 TulipL RE R34017R/ART3000/27W/98/A30	Ø110x240x290mm±1mm	ART3000	2095	27W	78	30°
1G2151 TulipL RE R34017R/ART3000/27W/98/A45	Ø110x240x290mm±1mm	ART3000	2095	27W	78	45°
1G2152 TulipL RE R34017R/ART3000/27W/98/A60	Ø110x240x290mm±1mm	ART3000	2095	27W	78	60°
1G2153 TulipL RE R34017R/ART3000/35W/98/A15	Ø110x240x290mm±1mm	ART3000	2650	35W	76	15°
1G2154 TulipL RE R34017R/ART3000/35W/98/A30	Ø110x240x290mm±1mm	ART3000	2650	35W	76	30°
1G2155 TulipL RE R34017R/ART3000/35W/98/A45	Ø110x240x290mm±1mm	ART3000	2650	35W	76	45°
1G2156 TulipL RE R34017R/ART3000/35W/98/A60	Ø110x240x290mm±1mm	ART3000	2650	35W	76	60°