

Moon

RECESSED DOWNLIGHTS & SPOTLIGHTS

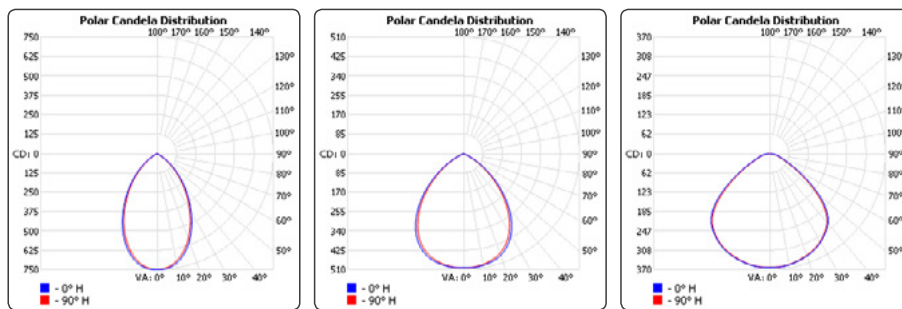
- Available in two dimensions
- Two temperatures: 3000K and 4000K
- Three lens angles of 60, 90 and 110°
- Efficiency at 4000K: 81lm/W
- Color rendering index: 80

Applications

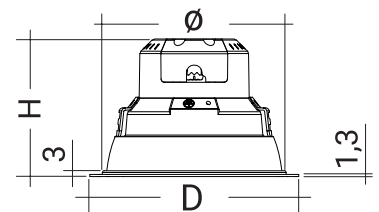
Grocery & supermarket, Office, Healthcare, Industrial & logistics, Hospitality, DIY



LIGHT DISTRIBUTION



TECHNICAL DRAW



Power	A: 12W B: 23W
Dimensions	A: D114xH75xØ100mm±1mm B: D164xH85xØ137.9mm±1mm
Color Rendering	CRI80
Housing materials	Aluminium, polycarbonate
IK Code	IK02
THD (at 230V, 50Hz, full load)	<20%
Protection class	Safety class 1
Operating temperature (°C)	-20C...+40C/-4F...+104F
Operating humidity (%)	30 ÷ 70
Power factor	≥0.90
AC Input	220-240 Vac
Color temperature	3000K, 4000K
Lens angle (°)	60°, 90°, 110°
Lifespan (h)	30000
Housing color	RAL 9016 - Traffic white
Color consistency	MacAdam 4
Lumen maintenance	L70/B50@30.000h at 25°C
IP Rating	IP20
Control option	-
Warranty (years)	3 years
Storage Temperature Range (°C)	-30 ÷ +80/-4F...+131F
Emergency option	-
Efficiency @4000K	81 lm/W
Luminous flux tolerance	+/- 5%
Consumption tolerance	TEC -/+ 5% TEC + KIT EM -/+10%

Maximum no. of luminaires on a circuit

Power	Amperage	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
12W		120	100	60	240	200	120
23W		70	60	30	140	120	60

ARTICLE NUMBER	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Efficiency (lm/watt)	Lens angle (degrees)	Weight (kg)
187002 Moon 150mm/3000/23W/80/A110	D164xH85xØ137.9mm±1mm	3000	1775	23	78	110	0.210
187008 Moon 150mm/3000/23W/80/A60	D164xH85xØ137.9mm±1mm	3000	1790	23	78	60	0.295
187010 Moon 150mm/3000/23W/80/A90	D164xH85xØ137.9mm±1mm	3000	1790	23	78	90	0.307
187004 Moon 100mm/3000/12W/80/A60	D114xH75xØ100mm±1mm	3000	920	12	77	60	0.157
187006 Moon 100mm/3000/12W/80/A90	D114xH75xØ100mm±1mm	3000	920	12	77	90	0.159
187000 Moon 100mm/3000/12W/80/A110	D114xH75xØ100mm±1mm	3000	905	12	76	110	0.109
187009 Moon 150mm/4000/23W/80/A60	D164xH85xØ137.9mm±1mm	4000	1845	23	81	60	0.295
187011 Moon 150mm/4000/23W/80/A90	D164xH85xØ137.9mm±1mm	4000	1845	23	81	90	0.307
187003 Moon 150mm/4000/23W/80/A110	D164xH85xØ137.9mm±1mm	4000	1830	23	80	110	0.210
187005 Moon 100mm/4000/12W/80/A60	D114xH75xØ100mm±1mm	4000	950	12	80	60	0.157
187007 Moon 100mm/4000/12W/80/A90	D114xH75xØ100mm±1mm	4000	950	12	80	90	0.159
187001 Moon 100mm/4000/12W/80/A110	D114xH75xØ100mm±1mm	4000	935	12	78	110	0.109