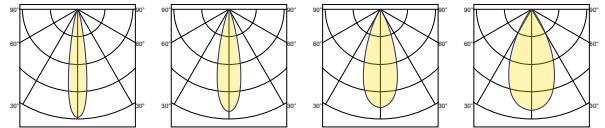
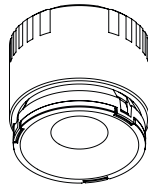
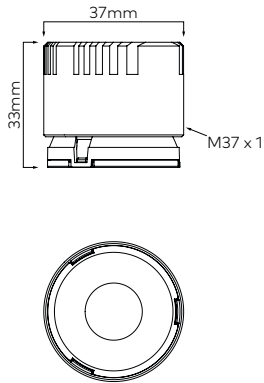


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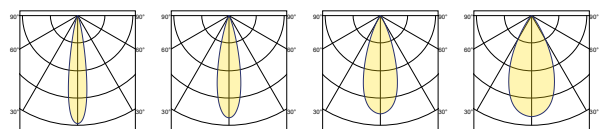
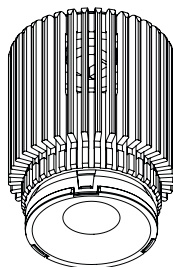
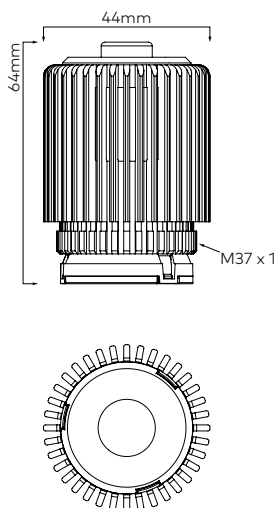




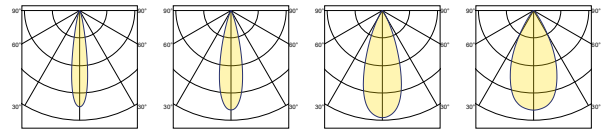
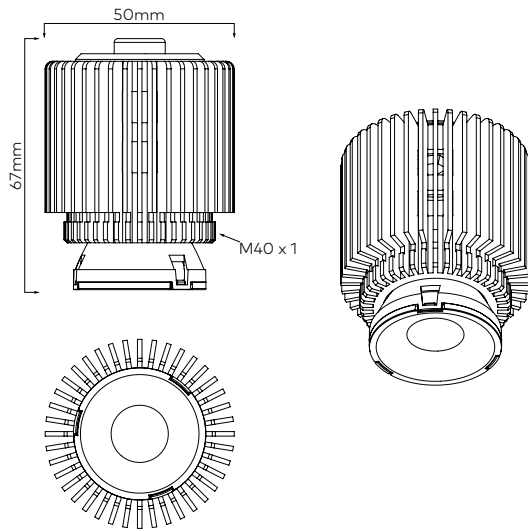
LED Type	CREE COB	ENGINE LUMENS				
CRI	>90Ra		15°	25°	35°	50°
Power	2 W	2700K	289lm	306lm	306lm	296lm
Drive Current	250 mA	3000K	300lm	318lm	318lm	307lm
Forward Voltage	9 VDC	3500K	307lm	325lm	325lm	314lm
LES	6mm	4000K	307lm	325lm	325lm	314lm

LED Type	CREE COB	ENGINE LUMENS				
CRI	>90Ra		15°	25°	35°	50°
Power	4.5 W	2700K	530lm	568lm	563lm	541lm
Drive Current	500 mA	3000K	550lm	589lm	584lm	561lm
Forward Voltage	9 VDC	3500K	563lm	603lm	597lm	574lm
LES	6mm	4000K	563lm	603lm	597lm	574lm

LED Type	CREE COB	ENGINE LUMENS				
CRI	>90Ra		15°	25°	35°	50°
Power	6.3 W	2700K	722lm	776lm	771lm	740lm
Drive Current	350 mA	3000K	749lm	805lm	800lm	768lm
Forward Voltage	18 VDC	3500K	760lm	817lm	811lm	779lm
LES	6mm	4000K	763lm	820lm	815lm	782lm

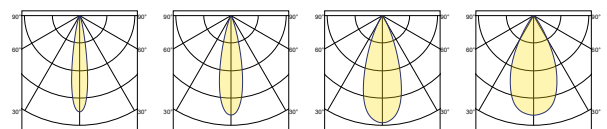
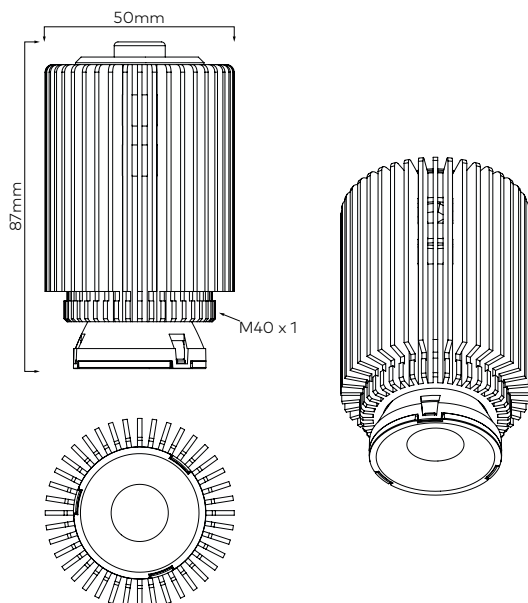


LED Type	CREE COB	ENGINE LUMENS				
CRI	>90Ra		15°	25°	35°	50°
Power	9 W	2700K	1002lm	1078lm	1066lm	1023lm
Drive Current	250 mA	3000K	1040lm	1119lm	1106lm	1062lm
Forward Voltage	36 VDC	3500K	1055lm	1135lm	1122lm	1077lm
LES	6mm	4000K	1059lm	1140lm	1126lm	1082lm

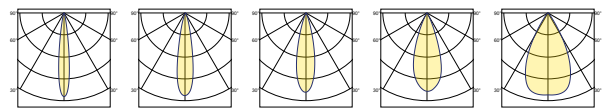
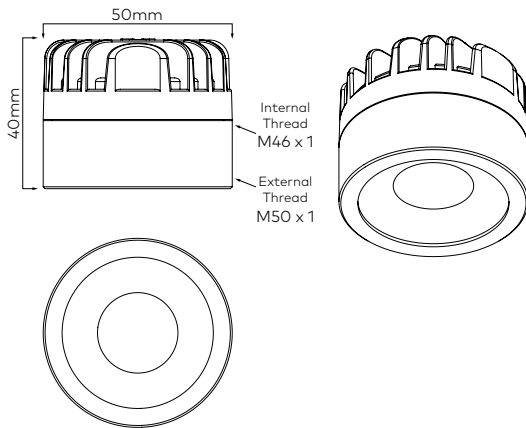


LED Type	CREE COB	ENGINE LUMENS				
CRI	>90Ra		15°	25°	35°	50°
Power	6.3 W	2700K	758lm	797lm	790lm	760lm
Drive Current	350 mA	3000K	787lm	827lm	820lm	789lm
Forward Voltage	18 VDC	3500K	798lm	839lm	832lm	800lm
LES	6mm	4000K	801lm	842lm	835lm	803lm

LED Type	CREE COB	ENGINE LUMENS				
CRI	>90Ra		15°	25°	35°	50°
Power	9 W	2700K	1024lm	1080lm	1069lm	1019lm
Drive Current	250 mA	3000K	1063lm	1121lm	1109lm	1058lm
Forward Voltage	36 VDC	3500K	1078lm	1137lm	1125lm	1073lm
LES	6mm	4000K	1083lm	1142lm	1130lm	1078lm

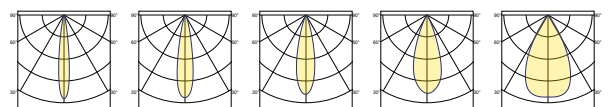
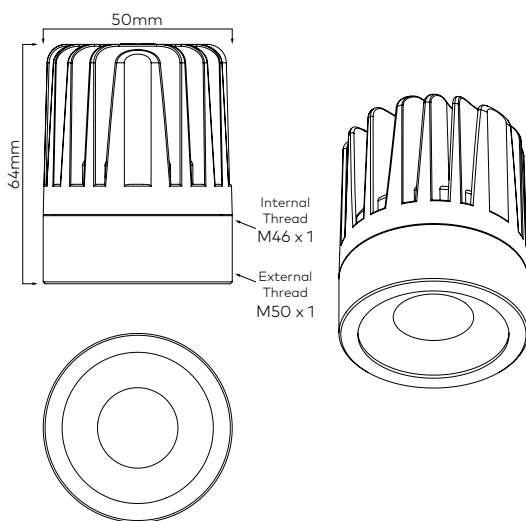


LED Type	CREE COB	ENGINE LUMENS				
CRI	>90Ra		15°	25°	35°	50°
Power	12 W	2700K	1350lm	1412lm	1398lm	1339lm
Drive Current	350 mA	3000K	1401lm	1465lm	1451lm	1389lm
Forward Voltage	36 VDC	3500K	1421lm	1486lm	1472lm	1409lm
LES	6mm	4000K	1427lm	1492lm	1478lm	1415lm

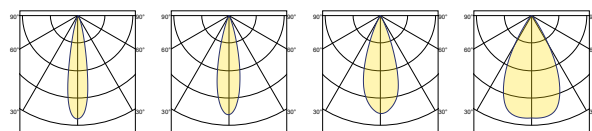
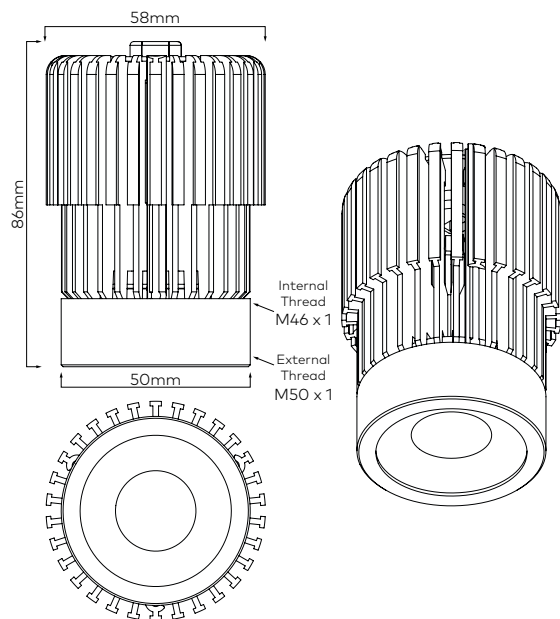


LED Type	CREE COB	ENGINE LUMENS					
CRI	>90Ra		15°	20°	25°	35°	50°
Power	6.3 W	2700K	771lm	810lm	859lm	867lm	827lm
Drive Current	350 mA	3000K	800lm	844lm	895lm	904lm	862lm
Forward Voltage	18 VDC	3500K	811lm	853lm	904lm	913lm	871lm
LES	9mm	4000K	815lm	855lm	906lm	915lm	873lm

LED Type	CREE COB	ENGINE LUMENS					
CRI	>90Ra		15°	20°	25°	35°	50°
Power	9 W	2700K	1027lm	1104lm	1178lm	1190lm	1133lm
Drive Current	250 mA	3000K	1066lm	1150lm	1228lm	1240lm	1181lm
Forward Voltage	36 VDC	3500K	1081lm	1162lm	1241lm	1253lm	1193lm
LES	9mm	4000K	1086lm	1165lm	1244lm	1256lm	1196lm

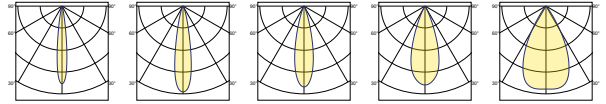
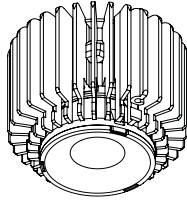
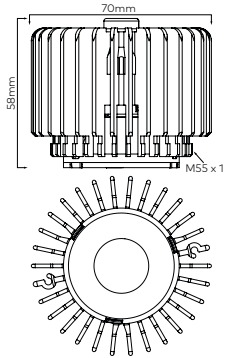


LED Type	CREE COB	ENGINE LUMENS					
CRI	>90Ra		15°	20°	25°	35°	50°
Power	12 W	2700K	1351lm	1492lm	1597lm	1609lm	1535lm
Drive Current	350 mA	3000K	1402lm	1555lm	1664lm	1677lm	1599lm
Forward Voltage	36 VDC	3500K	1422lm	1572lm	1682lm	1695lm	1616lm
LES	9mm	4000K	1428lm	1575lm	1685lm	1699lm	1620lm

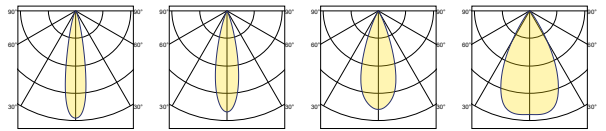


LED Type		ENGINE LUMENS			
CRI	CREE COB		20°	25°	35°
Power	>90Ra		50°		
Drive Current	16 W	2700K	1877lm	1996lm	2009lm
Forward Voltage	450 mA	3000K	1956lm	2080lm	1914lm
LES	36 VDC	3500K	1977lm	2102lm	2093lm
	9mm	4000K	1981lm	2107lm	2015lm

LED Type		ENGINE LUMENS			
CRI	CREE COB		20°	25°	35°
Power	>90Ra		50°		
Drive Current	20 W	2700K	2208lm	2361lm	2374lm
Forward Voltage	550 mA	3000K	2299lm	2459lm	2295lm
LES	36 VDC	3500K	2327lm	2489lm	2390lm
	9mm	4000K	2334lm	2496lm	2472lm

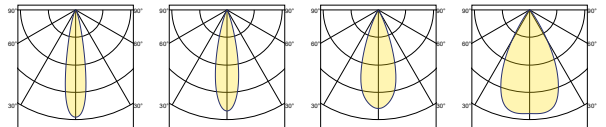
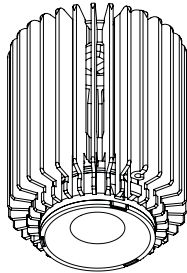
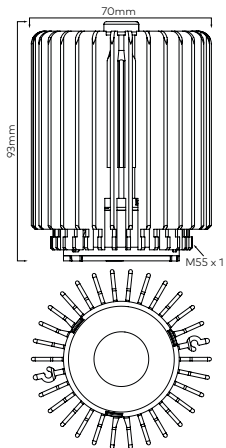


LED Type		ENGINE LUMENS				
CRI	CREE COB		15°	20°	25°	35°
Power	>90Ra		50°			
Drive Current	12 W	2700K	1392lm	1510lm	1595lm	1604lm
Forward Voltage	350 mA	3000K	1444lm	1594lm	1684lm	1693lm
LES	36 VDC	3500K	1465lm	1611lm	1702lm	1711lm
	9mm	4000K	1471lm	1614lm	1706lm	1645lm



LED Type		ENGINE LUMENS			
CRI	CREE COB		20°	25°	35°
Power	>90Ra		50°		
Drive Current	16 W	2700K	1874lm	1982lm	1997lm
Forward Voltage	450 mA	3000K	1953lm	2065lm	2081lm
LES	36 VDC	3500K	1974lm	2087lm	2103lm
	9mm	4000K	1978lm	2092lm	2108lm

LED Type		ENGINE LUMENS			
CRI	CREE COB		20°	25°	35°
Power	>90Ra		50°		
Drive Current	20 W	2700K	2209lm	2334lm	2342lm
Forward Voltage	550 mA	3000K	2300lm	2431lm	2439lm
LES	36 VDC	3500K	2328lm	2461lm	2469lm
	9mm	4000K	2335lm	2468lm	2476lm



LED Type		ENGINE LUMENS			
CRI	CREE COB		20°	25°	35°
Power	>90Ra		50°		
Drive Current	25 W	2700K	2776lm	2932lm	2959lm
Forward Voltage	700 mA	3000K	2891lm	3053lm	3081lm
LES	36 VDC	3500K	2926lm	3090lm	3119lm
	9mm	4000K	2935lm	3099lm	3127lm

LED Type		ENGINE LUMENS			
CRI	CREE COB		20°	25°	35°
Power	>90Ra		50°		
Drive Current	31 W	2700K	3184lm	3358lm	3386lm
Forward Voltage	850 mA	3000K	3316lm	3497lm	3526lm
LES	36 VDC	3500K	3356lm	3540lm	3569lm
	9mm	4000K	3366lm	3550lm	3579lm