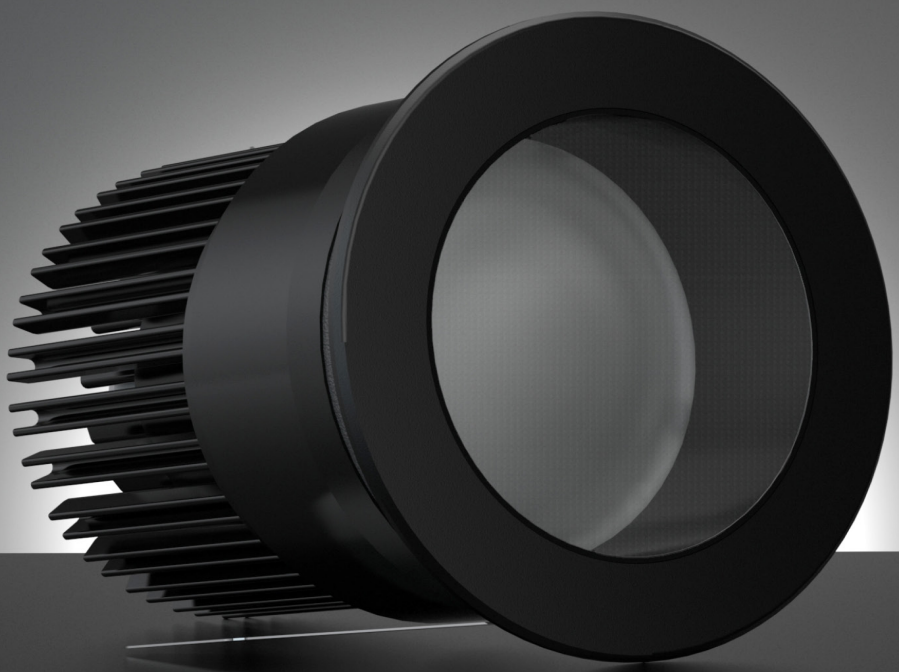
Certified B Corporation

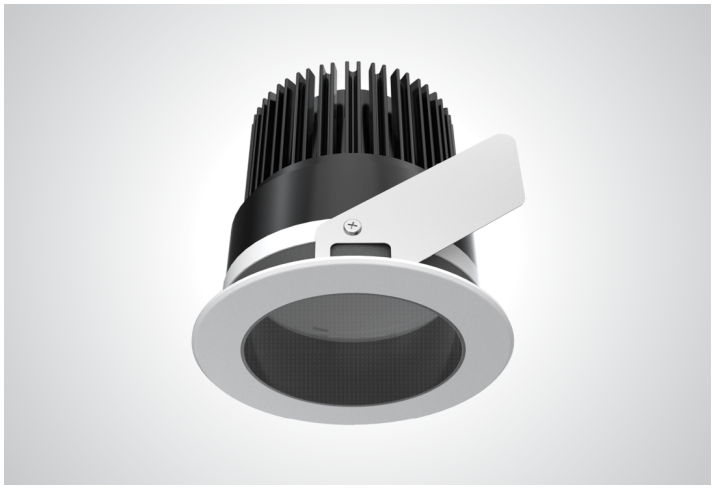
THE KING'S AWARDS FOR ENTERPRISE 2024 INTERNATIONAL TRADE

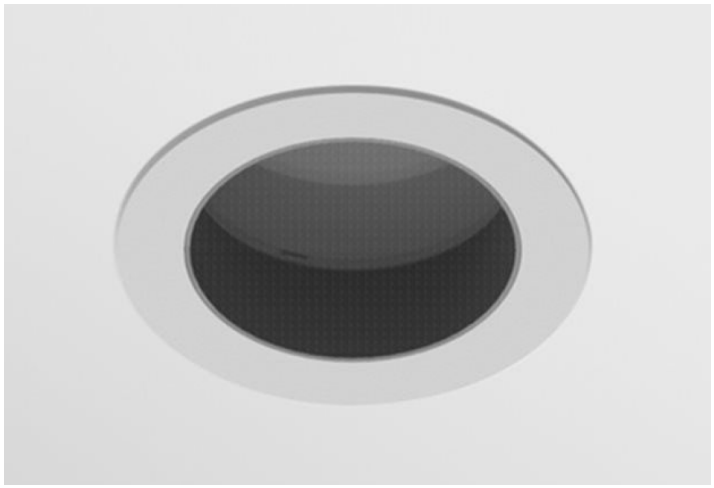


PHOS
ENGINEERING LIGHT

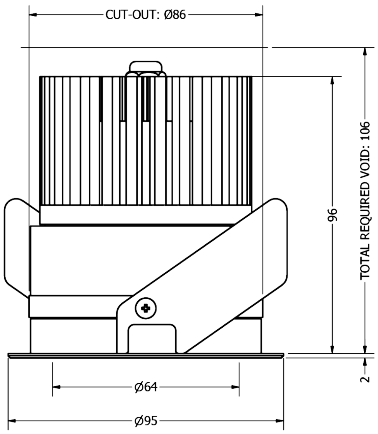
ZEP1 DARKLIGHT

PART L TECHNOLOGY





11W



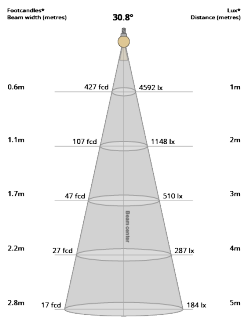
TECHNICAL SPECIFICATIONS

CCT	**2700K**			
Wattage	**11W**			
BeamAngle	30°	35°	45°	50°
Luminaire Lumens (lm)	1462	1361	1140	1060
Circuit Watts (c/W)	12.8	12.7	12.8	12.7
LuminaireEfficacy (l/cW)	114	107	89	83
Luminace (Cd)	4303	3488	2271	1793
Light Source (Lm/W)	72	72	72	72
Engine (Lm/W)	190	190	190	190
Forward Volatage (Vf)	32	32	32	32
Current (mA)	350	350	350	350

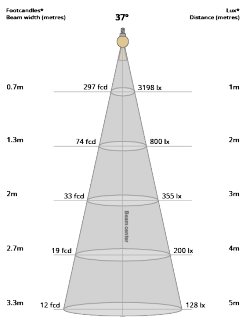
CCT	**3000K**			
Wattage	**11W**			
BeamAngle	30°	35°	45°	50°
Luminaire Lumens (lm)	1478	1325	1128	1030
Circuit Watts (c/W)	12.8	12.8	12.7	12.6
LuminaireEfficacy (l/cW)	116	104	89	82
Luminace (Cd)	4592	3198	2251	1810
Light Source (Lm/W)	93	93	93	93
Engine (Lm/W)	194	194	194	194
Forward Volatage (Vf)	32	32	32	32
Current (mA)	350	350	350	350

Binning	2 step MacAdams
CRI	80+
TM-30-15	Rf83.4 - Rg97.6
Lumen Maintenance	LM80
Lifetime	50,000 hours
Dimming	Mains Dim, DALI, CASAMBI, 0-10V, Non-dim

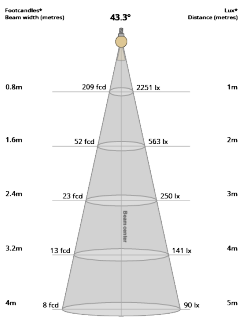
LIGHT CONES



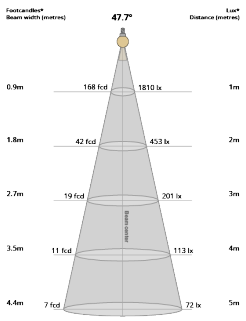
30°



35°

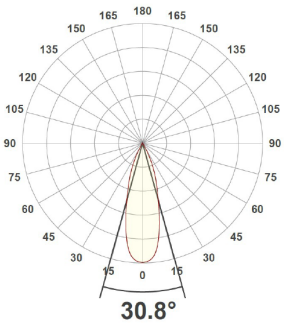


45°

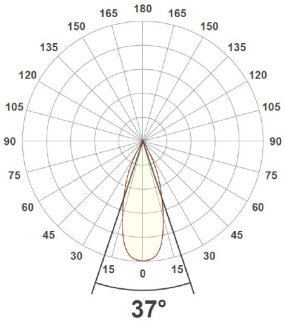


50°

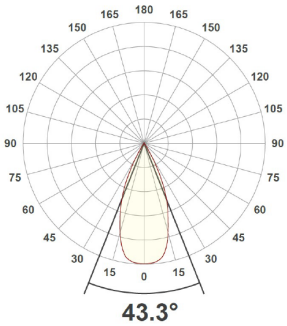
POLAR CURVES



30°



35°



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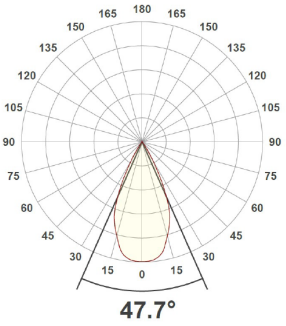


50°

PART CODE BUILDER

Example Code: Z1M3-D-W1-PLT11-27-80-30-350

Family	Variant	Bezel Finish	Engine	Power	CCT	CRI	Beam Angle	Driver Current
Z1M3	D	W1	PLT	11W	27K	80	30°	350mA
		B2			30K		35°	
							45°	
							50°	

REGENERATION
FOR GENERATIONS

TAKE
Sourcing material locally

MAKE
Responsible manufacture

WASTE
Lifetime duty of care

View ReGen Doc

ZEP TM66 RESULTS

Category	Points Scored	MAX Possible Points	Assessment
Product Design	86.0	134.0	2.6
Manufacturing	21.9	46.5	1.9
Materials	5.0	24.0	0.8
Ecosystem	29.0	43.0	2.7
Overall Performance	141.9	247.5	2.0
1.5 to 2.5	**Definite/substantial progress to circularity**		

TM65 Available upon request
Embodied carbon in building services

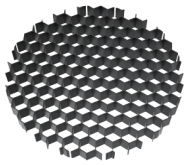
WE ENCOURAGE ALL FIXTURES TO BE RETURNED TO US SO WE CAN REGEN OR RECYCLE.

If a product has failed or has become EOL, we can arrange collection of the interchangeable light engines and associated drivers. Once received, we will review the engine to see if it can be **ReGenerated** or **recycled**.

If we can **ReGenerate** the light engine, we will only need to replace the faulty part of the fitting, which can then be restored to life, utilising all of our original optics and bezels.

If the unit is beyond the point of repair, we will ensure the raw material is always fully recycled. We encourage all fixtures to be returned to us so we can **ReGen** or **recycle**.

INSERTS



Honeycomb Insert

HC