KIMBAL ENGINEERED

BY

DOT DOWNLIGHTS

KIMBAL
LUMINAIRE
RANGE

KIMBAL

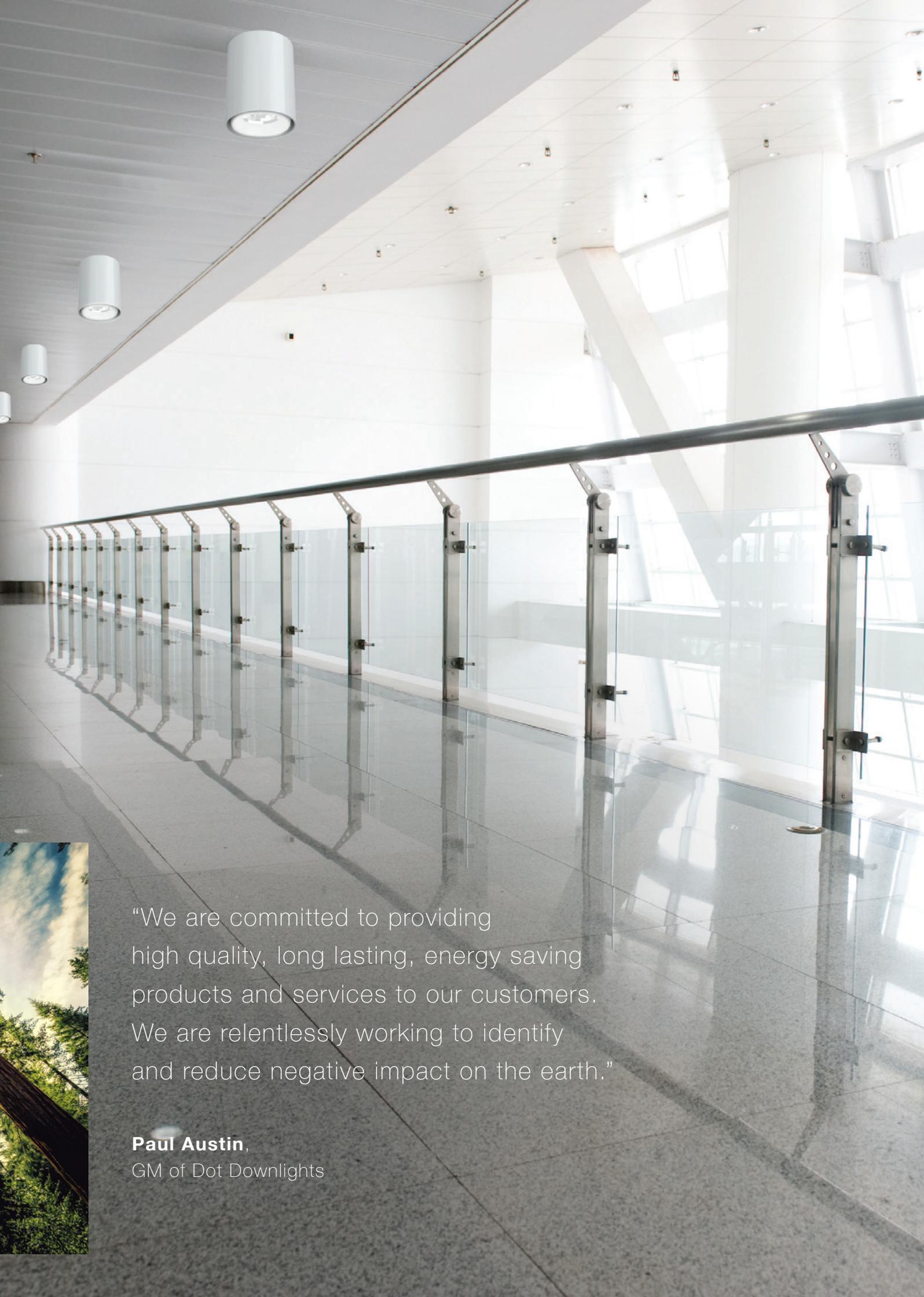## 10 years of research and development in LED downlight technology have led us to Kimbal.

A comprehensive range of chassis options, lumen packages and accessories make it easy to design lighting environments that are elegant, functional and energy-efficient.

The Kimbal range represents a commitment to the highest standards through design, development, componentry and production.

DOT Downlights, the developer of the Kimbal, recognises its responsibility to communities and future generations. This has led to the introduction of a product range that has sustainability at its core.

Every element of a Kimbal engineered body is either recyclable or reusable and the range has been designed to enable replacement of electronic control gear or LED to uptake future technology and at end of life.

"We are committed to providing high quality, long lasting, energy saving products and services to our customers. We are relentlessly working to identify and reduce negative impact on the earth."

Paul Austin,
GM of Dot Downlights

KIMBAL+

Fixed Recessed
KF6 Series
Ø150mm
OD 165mm / H 148mm

Adjustable Recessed
KA6 Series
Ø150mm
OD 165mm / H 160mm

Spotlight
KSP6 Series
OD 135mm

Surface Mounted
KS6 Series
OD 140mm
H 195mm

Cable Suspended
KC6 Series
OD 140mm
500mm - 3000mm

Rod Suspended
KR6 Series
OD 140mm
500mm - 3000mm

Available in 3500K and CRI 90 specifically to assist meeting the new J6 regulations, the Kimbal range helps achieve the balance of performance, design and energy efficiency required in new buildings.

EXCEL SERIES

Average Lumen Efficacy	3000K - 110Lm/W 3500K - 110Lm/W 4000K - 115Lm/W
SDCM	2SDCM
CRI	90+, 4000K Cyanosis compliant
Applications	Health care facilities, high-end office buildings

PERFORMANCE SERIES

Average Lumen Efficacy	3000K – 130Lm/W 4000K – 130Lm/W
SDCM	3SDCM
CRI	80+
Applications	Offices, corridors, airports, shopping centers

Exclusive Kimbal heatsink
engineered for ultimate
LED lifespan

**Recyclable thermoplastic
and aluminium componentry**
20 year chassis warranty
for future proof lighting
requirements*

Discrete profile
2mm thick ceiling plate

CREE LED COB
L90B10 > 75,000 hours

**Tool-free
mounting system**

COB protection dome

**High purity aluminium
reflector**

IP65 lens prismatic,
diffusion or clear options

Reflector & lens retainer
can be easily changed after
installation to alter light
distribution and ingress

*5 year warranty on complete fittings

KIMBAL.

	Fixed Recessed	Adjustable Recessed	Surface Mount	Cable/Rod Suspended	Spotlight	Spotlight Track Mount
Dimensions						
Cut Out (mm)	150mm	150mm	NA	NA	NA	NA
Overal Diameter (mm)	165mm	165mm	140mm	140mm	135mm	135mm
Mounting Depth	148mm	148mm	195mm	195mm	NA	NA
Power	10W - 56W	10W - 56W	10W - 27W	10W - 27W	10W - 27W	10W - 40W
Lumen Output	1000lm - 6000lm	1000lm - 6000lm	1000lm - 3300lm	1000lm - 3300lm	1000lm - 3300lm	1000lm - 4600lm
IC-Rating						
up to 15W	IC-4	IC-4	NA	NA	NA	NA
20W - 40W	CA90	CA90	NA	NA	NA	NA
55W	Do not cover	Do not cover	NA	NA	NA	NA
LED						
Excel (SDCM 2/ 3000K, 3500K, 4000K/ Ra>90, R9>55, Rf>89)	•	•	•	•	•	•
Performance (SDCM 3/ 3000K, 4000K, Ra>80, Rf>85)	•	•	•	•	•	•
TW (SDCM<4, Ra>80)	•	•				
LED Life>75,000Hrs L90B10	•	•	•	•	•	•
Beam Angle						
30°	•	•	•	•	•	•
70°	•	•	•	•	•	•
55° (with prismatic lens)	•	•	•	•	•	•
100° (with diffusion lens)	•	•	•	•	•	•
UGR						
<22	•	•	•	•	•	•
<19 (with Prismatic lens)	•	•	•	•	•	•
<16* (Recessed reflector, prismatic lens)	•	•	•	•	•	•
Reflector						
Flush	•	•	•	•	•	•
Recessed	•	•	•	•	•	•
Accessories						
Lenses (IP65 from below)						
Prismatic	•	•	•	•	•	•
Diffusion	•	•	•	•	•	•
Clear	•	•	•	•	•	•
Seismic Restraint	•	•	•	NA	NA	NA
Colour Options (White standard)						
Black	•	•	•	•	•	•
Silver	•	•	•	•	•	•
On/Off, DALI-DSI-Analogue-Phase Cut-Switch, Push Dimming and Casambi	•	•	•	•	•	with in-line track mount driver, suits 3L track
Emergency	•	•	NA	NA	NA	

* Unified Glare Rating as per per AS1680.1 2006

DOT.

	92/105mm	175/192mm	95/118mm	146/164mm
Mounting Type	•	•	•	•
Fixed Recessed	•	•	•	•
Surface Mount	•	•	•	•
Cable/Rod Suspended	•	•	•	•
Wall Washer		•		
Dimensions				
Mounting Depth	Recessed - 122mm/ SM- 185mm	Recessed - 180mm/ SM - 231mm	Recessed - 122mm/ SM- 185mm	Recessed - 146mm/ SM - 200mm
Power	10W , 14W, 20W	14W - 68W	10W , 14W, 20W	10W - 56W
Lumen Output	1100lm - 2200lm	1500lm - 6800lm	800lm - 1820lm	880lm - 4000lm
IC-Rating				
up to 15W	IC-4	IC-4	IC-4	IC-4
20W-40W	CA90	CA90	CA90	CA90
55W	Do not cover	Do not cover	Do not cover	Do not cover
LED				
Excel (SDCM 2/ 3000K, 4000K/ Ra>90, R9>55)	•	•	•	
Performance (SDCM 3/ 3000K, 4000K, Ra>80)	•	•	•	•
TW (SDCM<4, Ra>80)	•			
LED Life>75,000Hrs L90B10	•	•	•	•
Beam Angle				
30°	•	•		
60°		•		•
70°	•		•	
UGR				
<22	•	•	•	•
<19*	•	•	•	•
Accessories				
Clear Lens (IP65)	•	•	•	•
Diffusion Lens (IP65)	•	•	•	•
Washlights lens (IP54)	•	•	•	•
Square Clear lens (IP65)	•			
Square Diffusion lens (IP65)	•			
IK10 Secure access lens (IP65)		•		
Metal Trim		•		
Adaptor Plates	•	•		
Rod Suspension	•	•	•	•
Seismic restraint	•	•	•	•
Cable Suspension	•	•	•	•
Colour Options (White standard)				
Black	•	•	•	•
Silver	•	•	•	•
On/Off, DALI-DSI-Analogue-Phase Cut-Switch, Push Dimming and Casambi Remote Drivers	•			•
Emergency	•	•	•	•

* Unified Glare Rating as per per AS1680.1 2006

DOT
DOWNLIGHTS

● PIERLITE®

GLG
Lighting the future

www.glg.lighting