

## DOWNLIGHTS

### MORPH LED DOWNLIGHTS

# ROBUS®

### MORPH 20W, 30W and 50W CCT selectable dimmable LED downlight, White, 3,000K, 4,000K, 6,500K

This new range of LED downlights joins the Robus Family of Colour Temperature Selectable fittings and allows the installer or end user to choose the Colour Temperature (CCT) depending on the installation lighting requirements. With a choice of three selectable CCT's and opal diffuser they provide a low glare, uniform and shadow free light



#### Applications:

- Bars and clubs
- Reception areas, Offices & Corridors
- Retail sales areas
- Showrooms
- Exhibition podiums

#### Construction:

White powder coated Aluminium body and trim  
 Stainless Steel spring clips with  
 Poly Vinyl Acetate pads  
 Polycarbonate opal diffuser

#### Features:

- White powder coated finish
- Slim, finned, die-cast Aluminium body
- Wide flange Aluminium trim with recessed polycarbonate diffuser
- Independent 850-degree glow-wire tested
- Complete LED downlight kit comprising the following:
  - Downlight with strong spring steel clips and PVA pads
  - In-line switch for selecting 3,000K, 4,000K or 6,500K colour temperatures
  - Constant current dimmable driver for Triac leading edge dimmers (List on website)
  - 2 pin driver to downlight connector
  - Mains side pre-wired with 1m of flex and terminal block
- Utilises excellent quality LM80 tested SMD LED's with:
  - High luminous flux
  - Low power consumption
  - High efficacy and long life
- Solid state technology

#### Benefits:

- Attractive aesthetics and will match most décors
- Aids installation in narrow ceiling voids particularly where there are other services such as air conditioning ducting and pipes
- Provides good heat dissipation for cooler LED operating temperatures to promote long life
- Strong and durable and will not damage easily
- Will cover existing or poorly cut holes
- Reduces glare and provides excellent light uniformity
- Provides additional safety for building users in the event of a fire
- Everything is included in one box with nothing else required
  - Neat installation flush to ceiling without damage to tile face
  - Colour temperature can be selected on completion, insitu for best light colour to suit the task area and décor of the lit space
  - It can be changed quickly and simply if décor or use of the area is changed in the future
  - Provides functional dimming to compliment natural light
  - Saves even more energy when dimmed
  - Great as a retrofit solution with existing dimmer switches
  - Allows fast, simple & reliable connection secondary and mains incoming connection
- Provides comparable light output to a range of PL downlights
  - A one-for-one replacement so no extra power points to install
  - Provides energy savings of around 40% compared to PL downlights
  - Very efficient with a rated LED life of 30,000 hours
  - No annoying dark areas where traditional lamps have failed
- Emits very little heat – reducing air conditioning costs
- Compatible with PIR, photocell & microwave switching
- "Instant on" to ensure instant visibility
- Rugged with no filaments to prematurely fail due to building vibration or hot/cold ambient temperature cycles

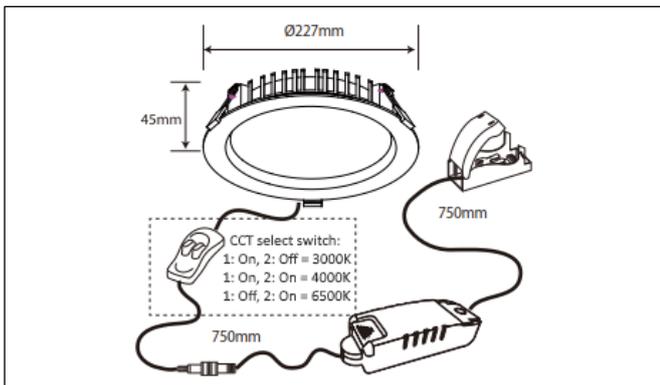
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Product Code:	RMP20WCCT3DL-01	RMP30WCCT3DL-01	RMP50WCCT3DL-01
Comparable to PL Downlights (W):	2x26	2x32	2x42
Total Power (W):	20.2/19.3/20.4	30.6/28.8/31	49/45.7/48.3
Total Light Output (lm):	1,860/2,060/2,100	2,770/3,140/3,140	4,130/4,490/4,240
Efficacy (lm / cctW):	92/107/103	91/109/101	84/98/88
Rated Life (hrs):	50,000	50,000	50,000
Warranty (yrs):	5	5	5
Illuminance at 1m (lx):	600/700/620	900/1,000/930	1,550/1,700/1,600
Beam Angle (deg):	110	110	110
CCT (K):	3,000/4,000/6,500	3,000/4,000/6,500	3,000/4,000/6,500
CRI (Ra):	80	80	80
Ingress Protection (IP):	54	54	54
Impact Rating (IK):	08	08	08
Operating Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Output Current (mA):	500	700	1,200
Operating Voltage (Vac):	220 - 240	220 - 240	220 - 240
Power Factor (PF):	0.9	0.9	0.9
Diameter (mm):	227	227	227
Cut Out (mm):	195	195	195
Depth (mm):	45	45	45
Projection (mm):	3	3	3
Box Qty:	1	1	1
Weight (kg):	1.1	1.3	1.3



### Accessories:

R1825265TRIM-01

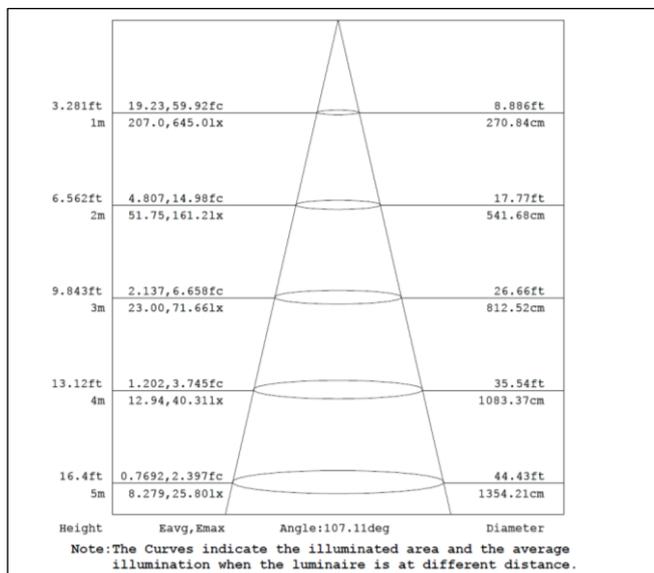
Extension Trim

### Standards & Approvals:

Complies with: EN 60598-1, EN 60598-2-2, EN55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 62471, EN 60598-1 Annex ZC Clause 4&5  
Passes 850° glow wire test



### Cone Illuminance Diagram:



### Polar Intensity Diagram:

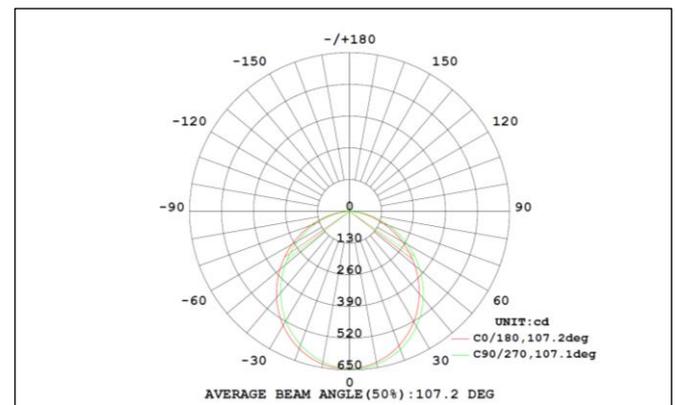


Diagram for RMP20WCCT3DL-01. Other diagrams available on request

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IRE: TEL: +353 1 709 9000 WEB: WWW.LEDGROUPROBUS.COM  
AUS: TEL: +61 7 3890 5444 WEB: WWW.LEDGROUPROBUS.COM.AU