

# SLATE

## LINEAR LED HIGHBAY

EVOLVE  
LIGHTING



**4000K**  
CCT



**>60,000hrs**  
@ L70



**IP20**  
Rating



**5 Year**  
Warranty



**180lm/W**  
Efficacy

- ✓ One-for-one T5 highbay replacement  
4x54W =100W / 6x54W =150W
- ✓ 54% energy savings over T5 equivalent
- ✓ High output up to 26,000lm @ 150W
- ✓ Long >60,000 hours life
- ✓ High efficacy of up to 180lm/W
- ✓ Flexible wattage select options (65W-150W)
- ✓ Low profile design
- ✓ Optics for warehouse aisles and open areas
- ✓ Casambi wireless control options with sensors
- ✓ Reduce labor costs with easy installation



### CODE

### WATTAGE/LUMEN OUTPUT

### BEAM ANGLE

SLATE-150-840-G-90

100W (18,000lm), 150W (26,000lm)

90° (open area)

SLATE-150-840-G-AD

100W (17,500lm), 150W (25,800lm)

30x100° (Aisle distribution)

### LIGHTING DATA

|                    |            |
|--------------------|------------|
| Light Source       | SMD LED    |
| Lifetime @L70 B10  | >60,000hrs |
| Luminaire Efficacy | 180lm/W    |
| CCT                | 4000K      |
| CRI                | >80        |
| SDCM               | <3         |
| UGR Rating         | 25         |

### DESIGN / CONSTRUCTION

|                |                                      |
|----------------|--------------------------------------|
| Body Material  | Aluminium                            |
| Lens Material  | Polycarbonate                        |
| Finish         | Epoxy Anti-Corrosion Coating         |
| Colour         | Grey                                 |
| Suspension Kit | 3m adjustable<br>304 stainless steel |
| Dimensions     | 30x110x1000(mm)                      |

### ELECTRICAL DATA

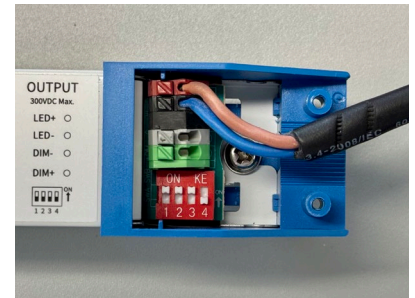
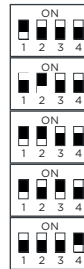
|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| Mains Voltage    | AC200-240V / 50-60 Hz                                                  |
| Power Factor     | 0.99                                                                   |
| Efficiency       | 95%                                                                    |
| THD              | 5%                                                                     |
| Inrush Current   | See chart on page 2                                                    |
| Surge protection | L-N:2KV,L-FG/N-FG:2KV                                                  |
| Flicker          | Flicker free (Pst LM <1,SVM <0.4)                                      |
| Driver Lifetime  | 100,000hrs                                                             |
| Connection       | 3m 3 core cable with 3-pin plug                                        |
| Dimming          | 1-10V                                                                  |
| Dimming Options  | DALI (suffix: -DA)<br>SwitchDim (suffix: -SD)<br>Casambi (suffix: -CA) |

### TECHNICAL DATA

|                  |                            |
|------------------|----------------------------|
| IP Rating        | IP20                       |
| IK Rating        | IK08                       |
| Operating Temp   | -20° to +45°C              |
| Protection Class | Class 1                    |
| Certifications   | SAA                        |
| Warranty         | 5 Year product replacement |

### ALL WATTAGE OPTIONS/OUTPUTS

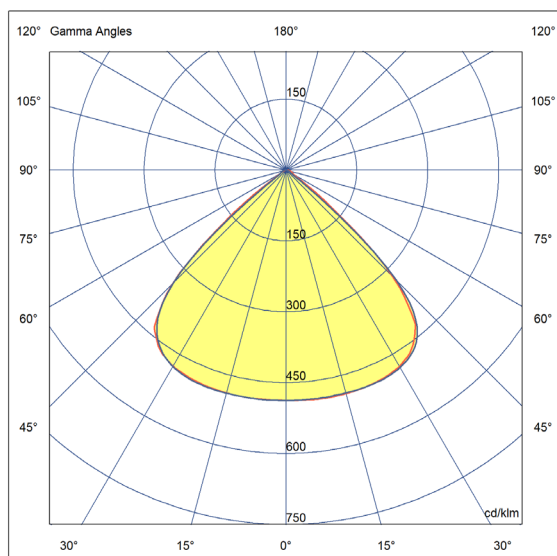
| WATTAGE | LUMEN OUTPUT | I/O UT SELECTION    |
|---------|--------------|---------------------|
| 65W     | 11,700lm     | OFF   ON   ON   ON  |
| 80W     | 14,400lm     | ON   OFF   ON   ON  |
| 100W    | 18,000lm     | OFF   OFF   ON   ON |
| 120W    | 21,800lm     | OFF   ON   OFF   ON |
| 150W    | 26,000lm     | ON   ON   ON   OFF  |



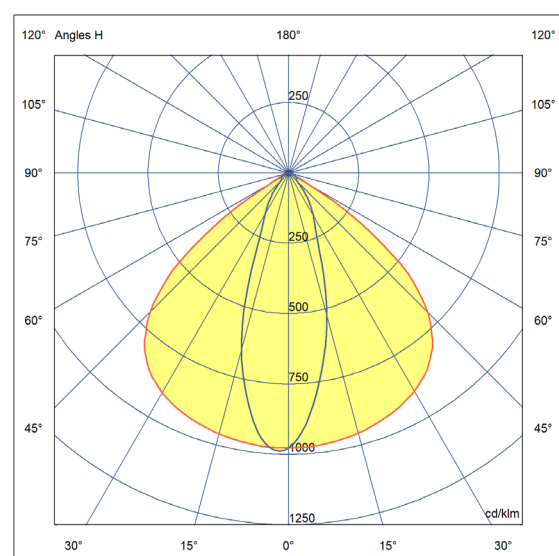
### MAX CIRCUIT BREAKER LOADINGS

| Wattage setting | Inrush Current | Time  | Circuit breaker type | B10 | C10 | B16 | C16 |
|-----------------|----------------|-------|----------------------|-----|-----|-----|-----|
| 100W            | 25A            | 360μs | Max. No. of drivers  | 7   | 12  | 12  | 16  |
| 150W            | 27A            | 490μs | Max. No. of drivers  | 5   | 8   | 8   | 13  |

### PHOTOMETRIC DIAGRAMS



90°



30x100°