

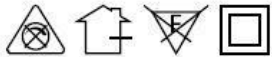
**PRIDE SMART 40W**

PRIDE SMART WEATHER PROOF FITTING

**Indoor Luminaire**

**Product Code:**

LPRD01S040XC / LPRD01S040XN / LPRD01S040XW  
40W - 4000lm - 6500K - CRI>80 Ra - Beam Angle 120°



**Technical Specifications**

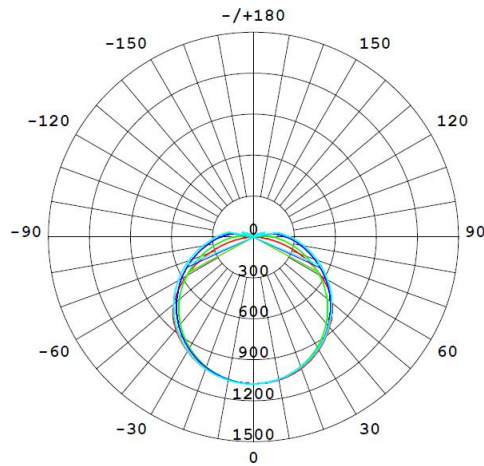
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	40W ± 10%
Rated Input Current	0.170 Amp (Nominal)
Power Factor	≥0.9
ATHD	<10%
Rated Luminous Flux	4000 lm / 3800 lm / 3600 lm (tolerance as per BIS)
Rated Luminaire Efficacy	100 lm/W / 95 lm/W / 90 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>80 Ra
Beam Angle	120° (within the permissible limits)
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	PC. Housing
Lens / Reflector	PC. Diffuser
Mounting	Surface Mount
Motion Sensor	Enabled
Range	5 Meter

**Protections**

Over Voltage Protection	Withstand upto 440V/AC for 4 Hrs.
Surge Protection	±4.0KV
Protection Class	Class II
Ingress Protection (IP Rating)	IP65
Impact Protection (IK Rating)	IK02
Short Circuit Protection	Provided
Open Circuit Protection (No Load)	Provided
Reverse Polarity Protection	Provided

All technical data is subject to industry-standard tolerances.

## Light Distribution

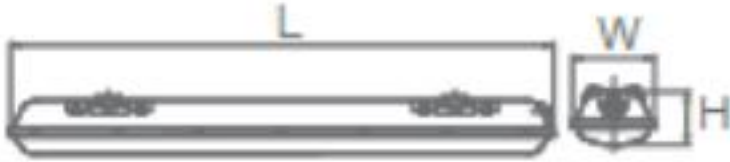


## UGR Table

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	19.5	21.1	19.9	21.4	21.7	20.0	21.6	20.4	21.9	22.2	
3H	21.3	22.7	21.7	23.1	23.4	22.3	23.7	22.7	24.1	24.4	
4H	22.0	23.3	22.4	23.7	24.1	23.5	24.9	23.9	25.2	25.6	
6H	22.4	23.7	22.9	24.1	24.5	24.8	26.1	25.2	26.5	26.9	
8H	22.6	23.8	23.0	24.2	24.6	25.5	26.8	25.9	27.1	27.6	
12H	22.7	23.9	23.1	24.3	24.7	26.3	27.5	26.8	27.9	28.4	
4H	2H	20.3	21.7	20.7	22.0	22.4	20.7	22.0	21.1	22.4	22.8
3H	22.3	23.5	22.7	23.9	24.3	23.2	24.4	23.6	24.8	25.2	
4H	23.2	24.3	23.6	24.7	25.2	24.6	25.7	25.0	26.1	26.6	
6H	23.9	24.8	24.3	25.3	25.8	26.1	27.1	26.6	27.5	28.0	
8H	24.1	25.0	24.6	25.5	26.0	26.9	27.8	27.4	28.3	28.8	
12H	24.2	25.1	24.7	25.6	26.1	27.9	28.7	28.4	29.2	29.7	
8H	4H	23.8	24.7	24.3	25.2	25.7	25.0	25.9	25.5	26.4	26.9
6H	24.8	25.6	25.3	26.1	26.7	26.8	27.6	27.3	28.1	28.6	
8H	25.2	25.9	25.8	26.5	27.0	27.8	28.5	28.4	29.0	29.6	
12H	25.6	26.2	26.1	26.7	27.3	29.0	29.6	29.6	30.2	30.8	
12H	4H	24.0	24.8	24.5	25.3	25.9	25.0	25.9	25.5	26.4	26.9
6H	25.1	25.8	25.7	26.4	26.9	26.9	27.6	27.5	28.1	28.7	
8H	25.7	26.3	26.3	26.9	27.5	28.1	28.7	28.6	29.2	29.8	
Variations with the observer position at spacings (CIE Pub.117) :											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4					

## Product Dimensions (L x W x H)

1180 X 86 X 67 mm



## Applications

Residences, Offices, Small Retail Shops, Hotels, Coffee Shops, Restaurants, Hospitals, area lighting and for other indoor applications.