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# LED WALL WASHER

Panoray™



ClearTech™

- Adapwire™
- SegPCB™
- ZagLiu™



IK10  
Protection



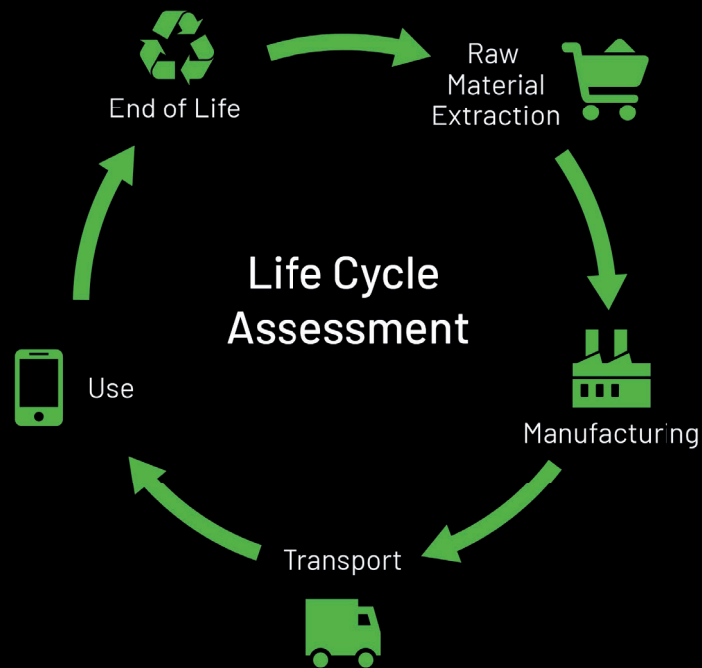
IP67  
Protection



-40°C-55°C



Anti-UV



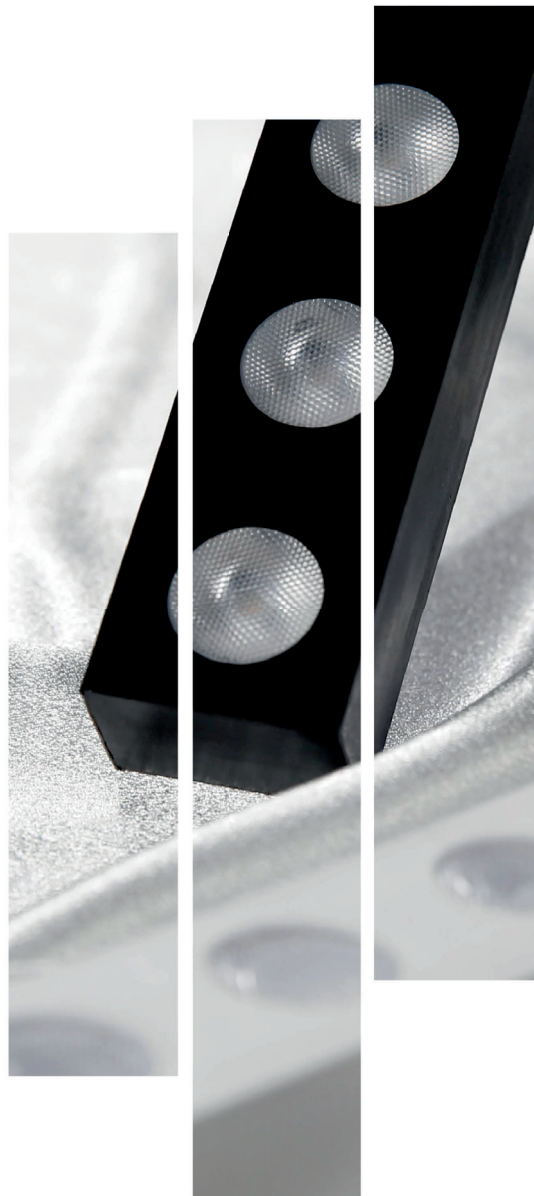
# SUSTAINABILITY

## Environmental Product Declarations

An EPD is a summary of the lifecycle assessment (LCA) for a product from material extraction to production, shipping, consumption and disposal. CLEAR EPD-verified products allow architects, designers, building contractors etc. to compare and evaluate the lifetime sustainability of construction products and materials.

By making our products transparent on the environmental impact, we hope to have a positive impact on the living environment and people's well-being.

# Let the light wash over any curvature of the wall



Elevated visual harmony,  
ensuring timeless  
elegance.



Consistent glow at the  
joint due to the same  
lens pitch.



Sustained color brilliance  
with effortless  
self-cleaning.



Specialized lens and silicone  
casing to withstand UV and  
heat.



Boosted lifespan with  
efficient heat  
management.



Built to last.  
No PCB fracture, reducing  
maintenance needs.

Panaray™, part of FreeBend™ Series, adopts an exquisite look and gives a delicate touch. But there is so much more than meets the eye. The supple Wall Washer follows and conforms seamlessly to the contour of every corner and curvy surface, dispersing a uniform and smooth wash of light without adding scallops and light spills on the surface.

## SPECIFICATION



Ambient Working Temperature  
-40~55°C / -40~13 °F



Storage Temperature  
-40 ~ 60°C / -40 ~ 140°F

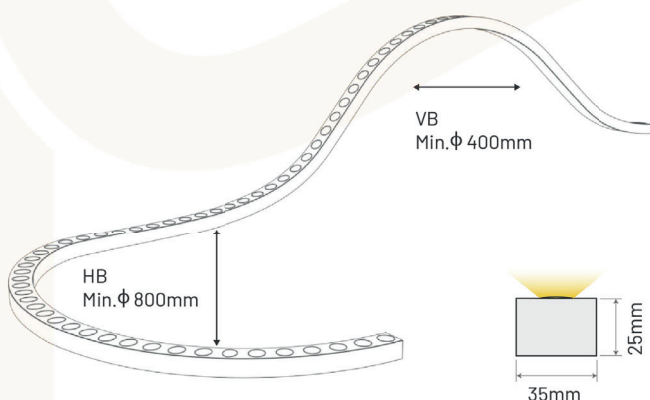


Ambient Installation Temperature  
> -40°C / -40°F

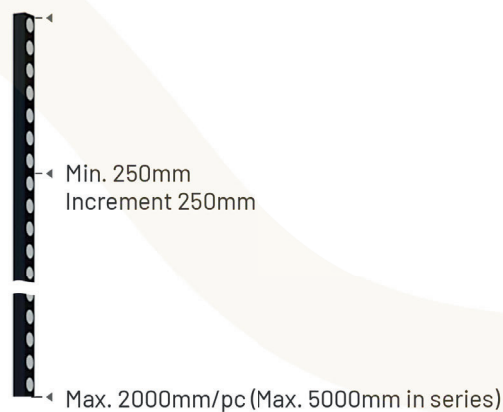


Max. Mounting Surface Temperature  
85°C / 185°F

### Dimension



### Standard Length



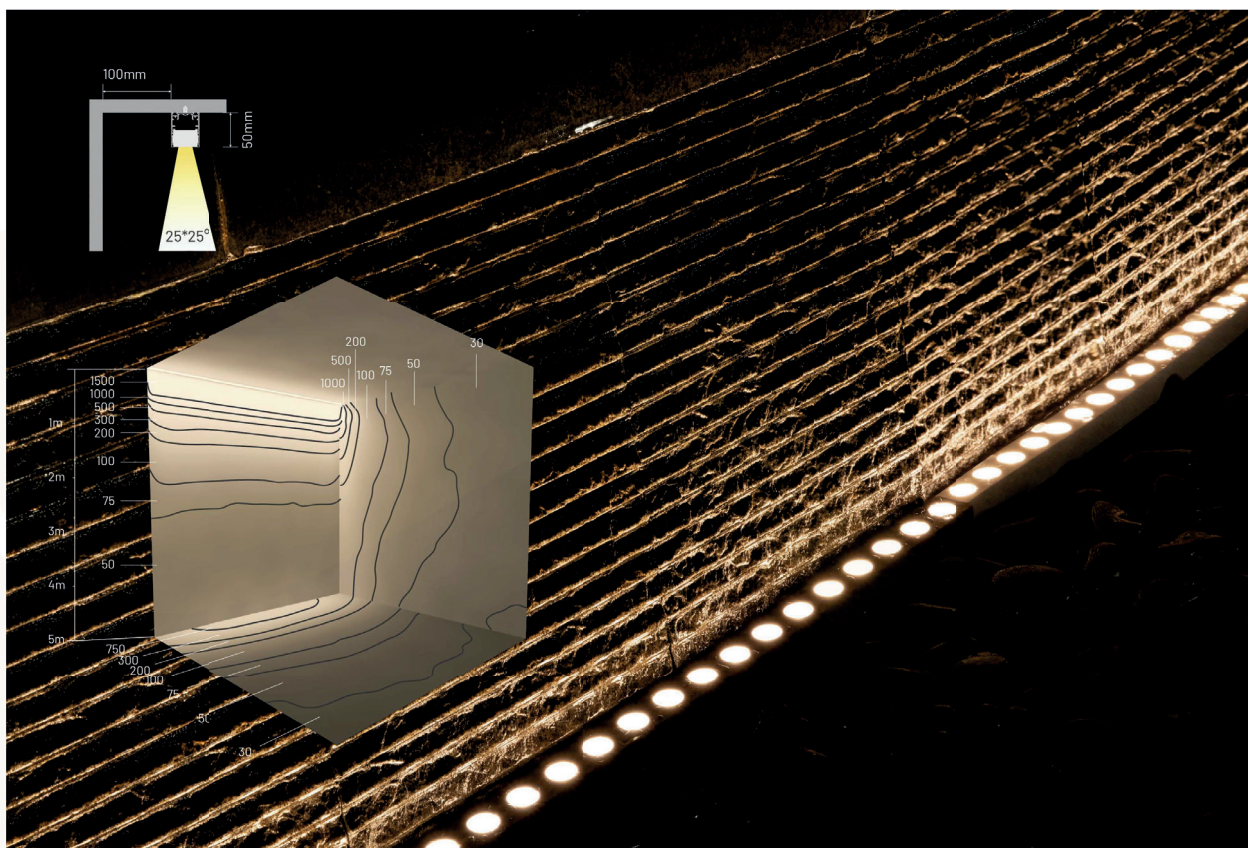
### Parameter

Working Voltage	DC24V
Rated Power/m	24W
LED Qty/m	28LEDs
IP Rating	IP67
IK Rating	IK10
CRI	80
Weight/m	1100g

Note: 10-Year warranty is available for monochrome series only and it's subject to terms and conditions.



Illuminance Simulation



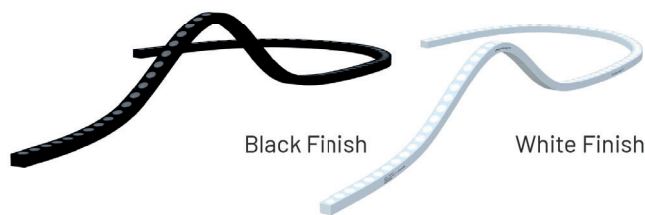
PRODUCT NOMENCLATURE

Panaray3525- 15\*25° - W30/R80 -24VDC-24W - 28 - 250 - WW

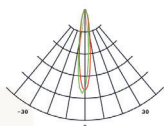
Model Name	Optic Lens	Pixel Qty Per Meter/ Input Signal/ Light Color/CRI	Voltage	Power/m	LED Quantity /m	Min. Cutting Length (mm)	Finish
<b>Panaray</b> =Trademark  <b>3525</b> =Dimension W35*H25	12°	<b>W27/80</b> =2700K/80 <b>W30/80</b> =3000K/80 <b>W40/80</b> =4000K/80 <b>W57/80</b> =5700K/80	<b>DC24V</b>	<b>24W</b>	<b>28</b>	<b>250</b>	<b>WW</b> = White Base & White Light Surface  <b>DD</b> = Black Base & Black Light Surface
	25°	<b>D27-65/R80</b> =2700-6500K/80 <b>RGB</b> =RGB <b>RGBW30/80</b> =RGBW(3000K)/80					
	15*25°	<b>4DMX(W27/80)</b> =4/DMX/2700K/80 <b>4DMX(W30/80)</b> =4/DMX/3000K/80 <b>4DMX(W40/80)</b> =4/DMX/4000K/80 <b>4DMX(W57/80)</b> =4/DMX/5700K/80 <b>4DMX(D27-65/80)</b> =4/DMX/2700-6500K/80					
	15*40°	<b>4DMX(RGB)</b> =4/DMX/RGB <b>4DMX(RGBW30/80)</b> =4/DMX/RGBW(3000K)/80					
	15*60°						
	20*40°						

2700-6500K

CRI 80



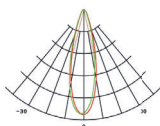
Photometric Curve



12°



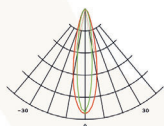
12°



25°



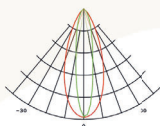
25°



15\*25°



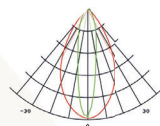
15° 25°



15\*40°



15° 40°



15\*60°



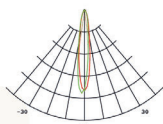
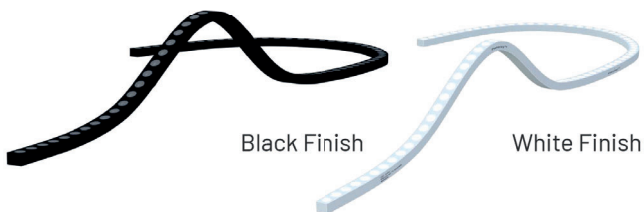
15° 60°

Item Code	Finished Product				
	Optic Lens	CCT	CCT Tolerance	Lumen/m	Lumen/ft
Panoray3525-12°-D27-65/R80-DC24V-24W-28-250-DD	12°	2700-6500K	2725±145K	>760	>232
			6532±510K	>800	>244
Panoray3525-25°-D27-65/R80-DC24V-24W-28-250-DD	25°	2700-6500K	2725±145K	>730	>223
			6532±510K	>800	>244
Panoray3525-15*25°-D27-65/R80-DC24V-24W-28-250-DD	15*25°	2700-6500K	2725±145K	>840	>256
			6532±510K	>890	>271
Panoray3525-15*40°-D27-65/R80-DC24V-24W-28-250-DD	15*40°	2700-6500K	2725±145K	>780	>238
			6532±510K	>840	>256
Panoray3525-15*60°-D27-65/R80-DC24V-24W-28-250-DD	15*60°	2700-6500K	2725±145K	>680	>207
			6532±510K	>720	>220
Panoray3525-12°-D27-65/R80-DC24V-24W-28-250-WW	12°	2700-6500K	2725±145K	>880	>268
			6532±510K	>930	>284
Panoray3525-25°-D27-65/R80-DC24V-24W-28-250-WW	25°	2700-6500K	2725±145K	>910	>277
			6532±510K	>1000	>305
Panoray3525-15*25°-D27-65/R80-DC24V-24W-28-250-WW	15*25°	2700-6500K	2725±145K	>960	>293
			6532±510K	>1020	>311
Panoray3525-15*40°-D27-65/R80-DC24V-24W-28-250-WW	15*40°	2700-6500K	2725±145K	>920	>280
			6532±510K	>980	>299
Panoray3525-15*60°-D27-65/R80-DC24V-24W-28-250-WW	15*60°	2700-6500K	2725±145K	>820	>250
			6532±510K	>850	>259

DMX512CN

 CRI 80

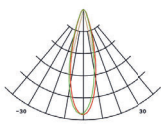
PHOTOMETRIC CURVE



12°



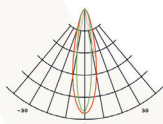
12°



25°



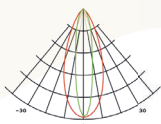
25°



15\*25°



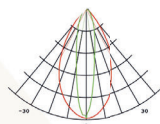
15° 25°



15\*40°



15° 40°



15\*60°



15° 60°

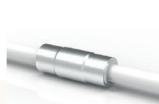
Item Code	Finished Product				
	Optic Lens	CCT	CCT Tolerance	Lumen/m	Lumen/ft
Panoray3525-12°-4DMX(C27-65/R80)-DC24V-24W-28-250-DD	12°	2700-6500K	2725±145K	>640	>195
			6532±510K	>670	>204
Panoray3525-25°-4DMX(D27-65/R80)-DC24V-24W-28-250-DD	25°	2700-6500K	2725±145K	>650	>198
			6532±510K	>720	>220
Panoray3525-15*25°-4DMX(D27-65/R80)-DC24V-24W-28-250-DD	15*25°	2700-6500K	2725±145K	>700	>213
			6532±510K	>740	>226
Panoray3525-15*40°-4DMX(D27-65/R80)-DC24V-24W-28-250-DD	15*40°	2700-6500K	2725±145K	>670	>204
			6532±510K	>700	>213
Panoray3525-15*60°-4DMX(D27-65/R80)-DC24V-24W-28-250-DD	15*60°	2700-6500K	2725±145K	>590	>180
			6532±510K	>610	>186
Panoray3525-12°-4DMX(C27-65/R80)-24VDC-24W-28-250-WW	12°	2700-6500K	2725±145K	>800	>244
			6532±510K	>830	>253
Panoray3525-25°-4DMX(D27-65/R80)-24VDC-24W-28-250-WW	25°	2700-6500K	2725±145K	>820	>250
			6532±510K	>900	>274
Panoray3525-15*25°-4DMX(D27-65/R80)-24VDC-24W-28-250-WW	15*25°	2700-6500K	2725±145K	>870	>265
			6532±510K	>920	>280
Panoray3525-15*40°-4DMX(D27-65/R80)-24VDC-24W-28-250-WW	15*40°	2700-6500K	2725±145K	>830	>253
			6532±510K	>880	>268
Panoray3525-15*60°-4DMX(D27-65/R80)-24VDC-24W-28-250-WW	15*60°	2700-6500K	2725±145K	>740	>226
			6532±510K	>770	>235



## CONNECTOR

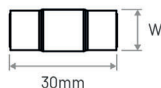
### IP67 Silicone Injection Moulded Connector

Tolerance: ±0.5mm



Anti-wicking Ferrule

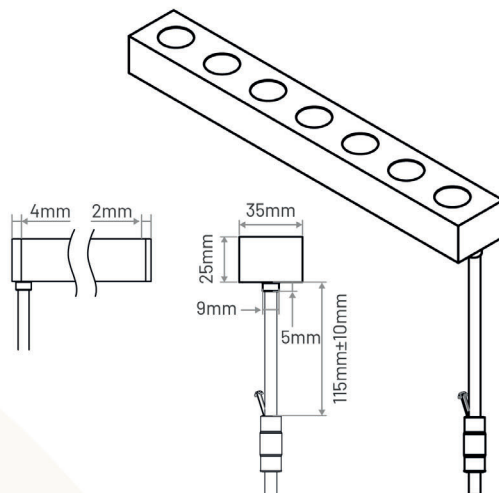
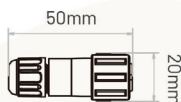
Note: Warranty will void if it's removed and cause the water ingress.



B/D series, W=12mm  
A/E/S series, W=15mm



Male & Female Connector

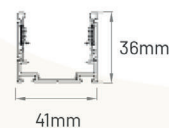


## PROFILE

Tolerance: ±0.3mm

### Serrated Aluminum Profile H36

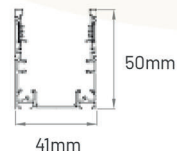
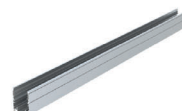
Available Lengths:  
50mm, 500mm, 1000mm, 2000mm



### Serrated Aluminum Profile H50

\*With Cable Raceway

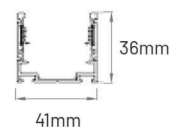
Available Lengths:  
50mm, 500mm, 1000mm, 2000mm



### Bendable Serrated Aluminum Profile H36 (HB)

Min. Bending Diameter Φ1200mm

Available Lengths: 1000mm

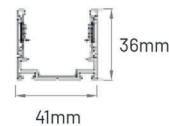
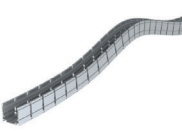


Note: it's IK08 rated when the light is put in this type of mounting profile.

### Bendable Serrated Aluminum Profile H36 (VB)

Min. Bending Diameter Φ2000mm

Available Lengths: 1000mm



Note: it's IK08 rated when the light is put in this type of mounting profile.

### Adjustable Mounting Bracket

\* 180° Rotation

\* 304 Stainless Steel



Note: its rotation angle will be restricted if the bracket is applied to the bending profile.

### Bendable Aluminum Glare Shield (HB)

Min. Bending Diameter Φ1200mm

Available Lengths: 1000mm, 2000mm



Note: it's not suitable for the vertical bending profile.