GREENTEK

Dyad Track

TRACKS AND ACCESSORIES | PI-LED SERIES

Dyad Track provides an ultra-wide light distribution which makes it highly suitable for meeting rooms, individual offices and open spaces.

Providing light on its superior side, Dyad Track creates a mellow ambient in the working space by projecting the light beam towards the ceiling.

On the lower side of the track a wide range of spotlights and linear luminaires can be mounted.

Dyad Track is highly suitable for spaces with large horizontal, reflective surfaces. Any other type of luminaire would only reflect on the working plan. By emitting light upward, toward the ceiling, Dyad Track

PI-LED - Combines variable white light and light of the RGB color system in one single light source. It can vary the color temperature between 2700K - 6500K along Planckian curve in the course of a day.

• Dyad Track is available in the ECO series – with DALI controls for dimming.

• Dyad Track PI-LED - the even hormone balance, biorhythm and enhances wellbeing and vitality.

FEATURES & BENEFITS

• CRI 90 as standard

• Color temperature: PI-LED

• Long rated life: L70/B10@50,000h

• Luminaire efficiency: 35 lm/w @4000K

• Extra wide beam: 130°

APPLICATION

Office | Receptions & Entrances | Open Spaces | Meeting Rooms

1000/2000/3000/4000

85

31.4
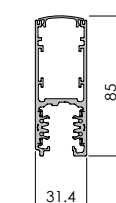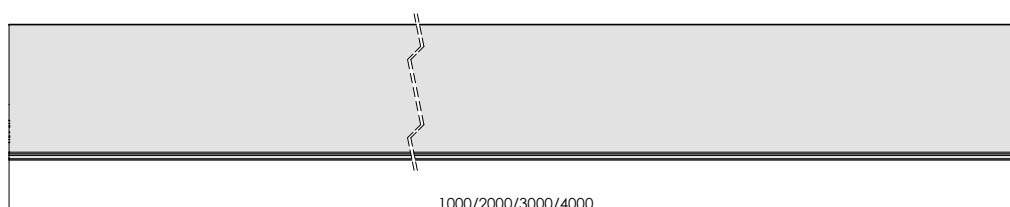
SPECIFICATIONS

Power consumption	44W	88W	132W	176W
Dimensions	1000 x 85 x 31.4 ± 1mm	2000 x 85 x 31.4 ± 1mm	3000 x 85 x 31.4 ± 1mm	4000 x 85 x 31.4 ± 1mm
Weight	2.11 Kg	4.22 Kg	6.33 Kg	8.44 Kg
Housing materials	Aluminum & Polycarbonate			
IK code	IK04			
THD (at 230V, 50Hz, Full load)	<5%			
Protection class	Safety class 1			
Operating temperature [°C]	+10°C ... +45°C / +50F ... +113F			
Operating humidity [%]	10 ÷ 85			
Power factor	≥0.92			
AC Input [Vac]	220 - 240 VAC			
Lens angle [°]	130°			
Lifespan [h]	50,000			
Housing color	○RAL 9010-Pure white ●RAL 9005-Jet black			
Lumen maintenance	L70/B10@50.000h at 25°C			
IP factor	IP20			
Control optional	**ECO-DALI**			
Warranty [years]	5			
Storage temperature range [°C]	-20°C ... +80°C / -4F ... +176F			
Emergency option	-			

Light application	Standard
CRI	CRI 90
CCT [K]	PI
MacAdam	4

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

LIGHT DISTRIBUTION
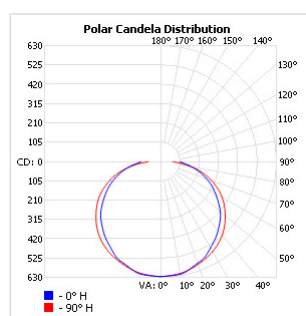
A130

RISK GROUP

RG0

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "No Risk (RG0 – No photobiological hazard)".Under real circumstances (regarding exposure time, pupils, observation distance, it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for **TEC** | -/+ 10% for **TEC & KIT EM** | -/+ 10% for **ECO-DALI** | -/+ 15% for **ECO-DALI & KIT EM**

BATTERY WARRANTY
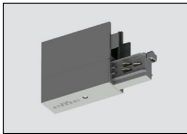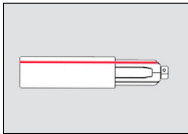
TEC EM & ECO EM: 12 months warranty

TEC & ECO: -
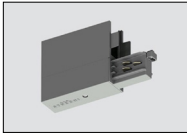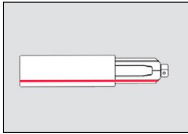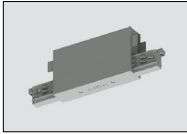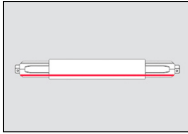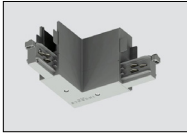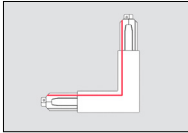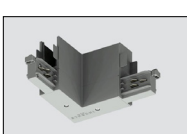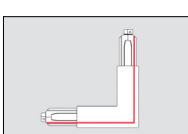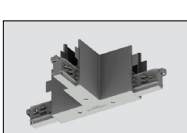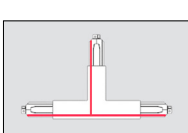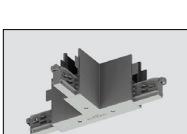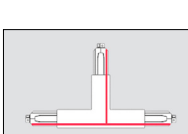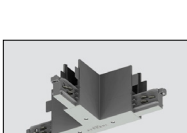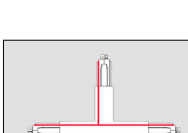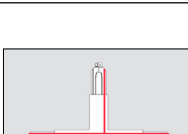
MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Power	Driver type	Control type	Amperage	Circuit Breaker Type					
				B			C		
				20	16	10	20	16	10
< 50W		TEC		37	30	18	62	51	31
≥ 50W		TEC		37	30	18	62	51	31
< 80W		ECO		27	21	13	45	35	21

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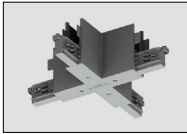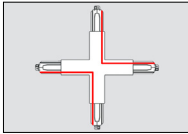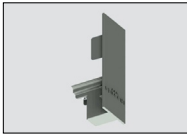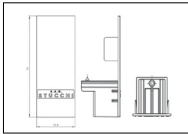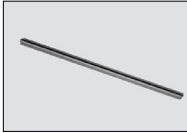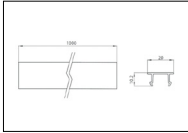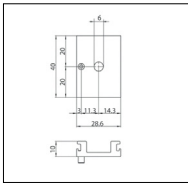
SKU SPECIFICATIONS

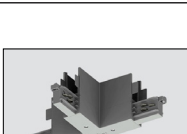| Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
260648 Dyad Track 9000-1/W-H/1000mm/PI/44W/90/White	1000 x 85 x 31.4 ± 1mm	PI	1530	44W	35	130°
260649 Dyad Track 9000-1/B-H/1000mm/PI/44W/90/Black	1000 x 85 x 31.4 ± 1mm	PI	1530	44W	35	130°
260651 Dyad Track 9000-2/W-H/2000mm/PI/88W/90/White	2000 x 85 x 31.4 ± 1mm	PI	3060	88W	35	130°
260652 Dyad Track 9000-2/B-H/2000mm/PI/88W/90/Black	2000 x 85 x 31.4 ± 1mm	PI	3060	88W	35	130°
260654 Dyad Track 9000-3/W-H/3000mm/PI/132W/90/White	3000 x 85 x 31.4 ± 1mm	PI	4590	132W	35	130°
260655 Dyad Track 9000-3/B-H/3000mm/PI/132W/90/Black	3000 x 85 x 31.4 ± 1mm	PI	4590	132W	35	130°
260657 Dyad Track 9000-4/W-H/4000mm/PI/176W/90/White	4000 x 85 x 31.4 ± 1mm	PI	6120	176W	35	130°
260658 Dyad Track 9000-4/B-H/4000mm/PI/176W/90/Black	4000 x 85 x 31.4 ± 1mm	PI	6120	176W	35	130°

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ACCESSORIES

Product Code	Colour	Picture	Sketching
End Feed			
160515 9001/W-H/EndFeed/Left/White	White		
160516 9001/B-H/EndFeed/Left/Black	Black		
End Feed			
160518 9002/W-H/EndFeed/Right/White	White		
160519 9002/B-H/EndFeed/Right/Black	Black		
Middle Feed			
160521 9010/W-H/Middle Feed/White	White		
160522 9010/B-H/Middle Feed/Black	Black		
Internal L-Feed			
160524 9011/W-H/Internal L-feed/White	White		
160525 9011/B-H/Internal L-feed/Black	Black		
External L-Feed			
160527 9012/W-H/External L-feed/White	White		
160528 9012/B-H/External L-feed/Black	Black		
External T-Feed			
160530 9013/W-H/External T-feed left/White	White		
160531 9013/B-H/External T-feed left/Black	Black		
External T-Feed			
160533 9014/W-H/External T-feed right/White	White		
160534 9014/B-H/External T-feed right/Black	Black		
Internal T-Feed			
160536 9015/W-H/Internal T-feed left/White	White		
160537 9015/B-H/Internal T-feed left/Black	Black		
Internal T-Feed			
160539 9016/W-H/Internal T-feed right/White	White		
160540 9016/B-H/Internal T-feed right/Black	Black		

ACCESSORIES

Product Code	Colour	Picture	Sketching
X Feed			
160542 9017/W-H/X-feed/White	White		
160543 9017/B-H/X-feed/Black	Black		
End Cap			
160545 9004/W-H/End Cap for Track/White	White		
160546 9004/B-H/End Cap for Track/Black	Black		
Additional Cover Strip			
160075 S-9000/GP-W/Additional Cover Strip for Track/White	White		
160076 S-9000/GP-B/Additional Cover Strip for Track/Black	Black		
160077 S-9000/GP-G/Additional Cover Strip for Track/Grey	Grey		
Wire Suspension kit			
160548 S-9000/112-LA-H/Wire Suspension Kit 3m/Aluminium			
160549 S-9000/112-LA-H/Wire Suspension Kit 5m/Aluminium			
160550 S-9000/112-LA-H/Wire Suspension Kit 7m/Aluminium			
160551 S-9000/112-LA-H/Wire Suspension Kit 10m/Aluminium			

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