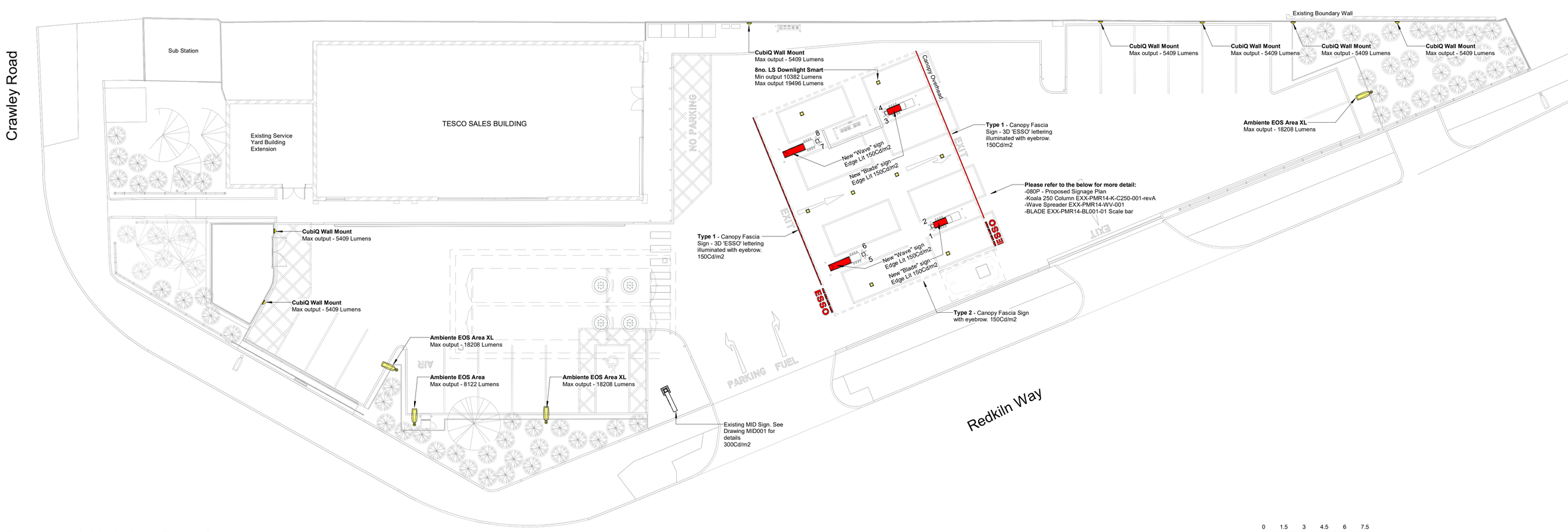


0 1.5 3 4.5 6 7.5
SCALE 1: 150 m

Proposed Lighting Plan Assessment

1 : 150

Proposed Lighting Items

Ambiente EOS2 Area XL



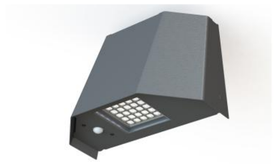
Features
Productgroup Ambiente
Power supply Integrated
Input voltage 90 - 305 Vac | 127 - 431 VDC
Frequency 47 - 63 Hz
Input Power (default) 180 Watt
Lumen output (up to) 18208 lm
Efficacy (default) 101 lm/W
Colour temperature (CCT) 3000 | 4000 | 5700 K
Colour rendering index (CRI) 83+ | 73+
Colour consistency 5 Macadam Ellipses
Upward light ratio (ULR) < 1%
LED-count 50 | 75
Optic PMMA
Beam optics Wide area
Housing Diecast aluminium / tempered safety glass
Mounting Suits straight and angled poles
Pole diameter 60 - 76 mm
Dimensions 864 x 375 x 178 mm
Adjustable angle -5° to +10°, bended or straight poles
EOS wireless technology Yes
Motion sensor (PIR) Optional (EOS technology)
Ingress protection IP65
Mechanical impact resistance IK08
Max SCx 0.3 m²
IEC safety class |
Power factor 0.96 typical
AC harmonics Less than 10% THD compliant to EN55015
Inrush current 65 A 1.2 ms
B-16A fuse 10 pcs
C-16A fuse 14 pcs
Operating temperature -40°C to +60°C

Ambiente EOS2 Area



Features
Productgroup Ambiente
Power supply Integrated
Input voltage 90 - 305 Vac | 127 - 431 VDC
Frequency 47 - 63 Hz
Input Power (default) 70 Watt
Lumen output (up to) 8122 lm
Efficacy (default) 114 lm/W
Colour temperature (CCT) 3000 | 4000 | 5700 K
Colour rendering index (CRI) 83+ | 73+
Colour consistency 5 Macadam Ellipses
Upward light ratio (ULR) < 1%
LED-count 20 | 25 | 40
Optic PMMA
Beam optics Wide area
Housing Diecast aluminium / tempered safety glass
Mounting Suits straight and angled poles
Pole diameter 48 - 60 mm
Dimensions 644 x 303 x 132 mm
Adjustable angle -5° to +10°, bended or straight poles
EOS wireless technology Yes
Motion sensor (PIR) Available
Ingress protection IP67
Mechanical impact resistance IK08
Max SCx 0.0432 m²
IEC safety class |
Power factor 0.96 typical
AC harmonics Less than 10% THD compliant to EN55015
Inrush current 65 A 1.2 ms
B-16A fuse 10 pcs
C-16A fuse 14 pcs
Operating temperature -40°C to +60°C

CubiQ Wall Mount



Features
Productgroup CubiQ Wall Mount
Power supply Integrated
Input voltage 100 - 305 Vac | 142 - 431 Vdc
Frequency 47 - 63 Hz
Input Power (max.) 50 Watt
Lumen output (up to) 5409 lm
Colour temperature (CCT) 3000 | 4000 | 5700 K
Colour rendering index (CRI) 83+ | 73+
Colour consistency 5 Macadam Ellipses
Upward light ratio (ULR) < 1%
LED-count 13 | 25
Optic PMMA
Beam optics A-Symmetrical
Housing Painted Aluminium (Dark Grey)
Mounting Vertical flat surface
Dimensions 320 x 163 x 215 mm
EOS wireless technology Yes
Motion sensor (PIR) Available
Ingress protection IP67
Mechanical impact resistance IK08
IEC safety class |
Power factor 0.95
AC harmonics Less than 10% THD compliant to EN55015
Inrush current 50 A 350 µs
B-16A fuse 5 pcs
C-16A fuse 8 pcs
Operating temperature -30 °C to +60 °C**

LS Downlight



Features
Power supply Integrated
Input voltage 90 - 305 Vac | 127 - 431Vdc
Frequency 47 - 63 Hz
Colour rendering index (CRI) up to 83
Colour consistency 5 Macadam Ellipses
Housing PC-ABS white, Anodized Aluminium
Optics PMMA
Dimensions 326 x 326 x 98 mm
EOS wireless technology Yes
Motion sensor (PIR) Integrated. Range: 7 meter
Daylight sensor (DLS) Integrated
Mounting Recessed and surface mounted
Connection cable 1500 mm EPR extra flexibility (-40C + 90C), UV resistant
IEC safety class I
Ingress protection IP67
Power factor 0.97 typical
Related input current 120V - 1.25A / 305V - 0.54A
AC harmonics Less than 10% THD compliant to EN55015
Inrush current 65 A 1,2 ms
B-16A fuse 10 pcs
C-16A fuse 14 pcs
Operating temperature -30°C to +60°C

	Revision	Date	By	Chk

All dimensions to be verified on site, and the Architect informed of any discrepancy. All drawings and specifications should be read in conjunction with the Health and Safety Plan; all conflicts should be reported to the appointed Principal Designer.

Esso Petroleum Company Limited
Horsham Express
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Sheet Name: Proposed Lighting Plan Assessment

Purpose of issue: Planning **Status:**

Date: 17/01/25 **Checked by:** DB

Drawn by: GL **Scale @ A1:** 1 : 150

Project No: A1026

ESSO pbl No: 201548 **Revision:**

Drawing No : 081P

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